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Final Programme

28th Annual Congress of the
European College of Sport Science
ECSS Paris 2023 - France

Hosted by INSEP
The French Institute of Sport



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Explore • Enlighten • Perform

28th Annual Congress of the European College of Sport Science
ECSS Paris 2023 – France, 4 July – 7 July

Final Programme

Hosted by INSEP

The French Institute of Sport



Dear ECSS Paris 2023 Participants,

ECSS returns to its country of birth for its 28th annual congress – 27 years after its first edition in Nice. On behalf of the Paris team, we are honoured to have the opportunity to help you discover or rediscover the City of Light while attending this fantastic event!

We hope you will spare some time before and after the congress to feel the 'Parisii spirit' – a Gallic tribe that dwelt on the banks of the River Seine during the Iron Age and the Roman era. Step into these past times by walking, biking or running along the River Seine to discover the most beautiful monuments of Paris from the cathedral Notre Dame (under reconstruction) to Alexandre III Bridge, the Invalides or even the Eiffel Tower, which you will see during the Bengt Saltin Run. After an enjoyable run, you may want to do your active recovery walking around the quartier latin between the Pantheon and La Sorbonne under the students' eyes.

Perhaps you will have your shower or hammam on the rue Geoffroy-Saint-Hilaire.

After visiting the capital's top attractions, why not take a look at some of the favourite spots of Parisians: districts they stroll through on the weekend, parks where they picnic, their famous café terraces for breakfast or an apéritif. Take a green interlude in 24 hectares of the Jardin des Plantes and then cross the river to discover the arrondissement Popincourt, between Bastille and République – one of the most densely populated urban districts of any European city. You may have lunch in the Marais where the Uniting Excellence of Sport Science reception will take place, full of fashionable cafés, restaurants, nightlife, and a range of boutiques and galleries. If you head north-west along the Boulevard Richard-Lenoir, you will reach the romantic Canal St-Martin which was a former route for wood supplies. If you prefer to take the high roads, you can choose one of the hills in the North of Paris (Charonne, Belleville, Bergère, Ménilmontant or of course Montmartre and the Sacré Coeur) where you can admire fantastic viewpoints. In these neighbourhoods, you will encounter art at every turn, whether it's street art, buildings with amazing architecture, outdoor works of art and high-profile movie locations – art is everywhere in the French capital.

Together with these unique gifts Paris has to offer, we are looking forward to opening a pre-Olympic and Paralympic forum at INSEP and the Palais des Congrès, both connected by the historical axis and the métro Line 1. You may want to attend the Elite Sport Performance satellite at INSEP on the afternoon of Monday 3 July,

which will end with a public lecture from the well-known French athlete and explorer Stéphanie Gicquel, who was designated as the best French athlete in 2022. Please do not miss the ECSS-IOC joint symposium, where high profile researchers will share their work developed in the IOC Research Centres for the Prevention of Injury and Illness. The Masterclasses aimed at students this year will include for the first time a Data Visualisation session led by young scientists and data analysts. In addition, starting from Wednesday, we will have the chance to discover an outstanding scientific programme covering the most exciting areas of sport science. Last but not least, and as a result of our close work with partners and local authorities, we will have a number of exciting social events that will take the congress to unique sites around the city and offer an unforgettable experience for ECSS Participants!

You are warmly invited to enter the doors of the City of Light and be a part of the Olympic and Paralympic journey.

Paris vous attend! / Paris is waiting for you!

Yours in Sport Science,

The ECSS Paris 2023 Organising Team

Gaël Guilhem (Local Congress President)

French Institute of Sport (INSEP)

Laboratory Sport, Expertise and Performance

EUROPEAN JOURNAL OF SPORT SCIENCE

Editor-in-Chief Professor Anni Vanhatalo

- ✓ **international**
- ✓ **multidisciplinary**
- ✓ **medline listed**
- ✓ **ISI listed**

tandfonline.com/ejss @EurJSportSci



Organisation

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Jérôme Koral - Volunteers (FRA)

Mathilde Poignard - Social Events (FRA)

Caroline Giroux - Media (FRA)

General Information

VENUE – LE PALAIS DES CONGRÈS DE PARIS

The Palais des Congrès de Paris is a conference and exhibition centre in the city of Paris. For more than 40 years, the Palais des Congrès de Paris has been home to internationally renowned congresses, trade fairs and conferences. With 17,000 m² of exhibition halls, 4 amphitheatres for 370 to 3,700 people, 22 conference halls for 100 to 380 people and 82 meeting rooms, the Palais des Congrès de Paris offers an ideal infrastructure for tailor-made, multi-dimensional events. Level 0 is open to the public, including a shopping arcade, whereas the ECSS congress will take place on the entire level 3 of the Palais des Congrès de Paris and access requires an official congress badge.

The Palais des Congrès de Paris is located in the heart of the city of Paris, near the Arc de Triomphe and the Bois de Boulogne. Charles de Gaulle airport (27 km) and Gare du Nord train station (6 km) are easily accessible by car or preferably by public transport, as the transport network is very well developed and comes at low prices.

LE PALAIS DES CONGRÈS

2 Place de la Porte Maillot
75017 Paris
France

CONGRESS REGISTRATION

The congress registration and information desks are located on the left-hand (Neuilly) side of level 0, as you enter the main entrance of the Palais des Congrès.

Opening hours:

- Tuesday, 4 July, 09:00-18:00 (CEST)
- Wednesday, 5 July, 07:30-18:30 (CEST)
- Thursday, 6 July, 07:30-18:30 (CEST)
- Friday, 7 July, 07:30-17:00 (CEST)

REGISTRATION FEES

THE REGISTRATION FEE FOR PARTICIPANTS INCLUDES:

- Admission to all Scientific Sessions
- Admission to SportEx – The Official Exhibition of the ECSS
- Admission to the Opening Ceremony
- Admission to the Opening Reception*
- Admission to the Closing Ceremony
- Admission to the Farewell Reception*
- Congress material (congress bag, final programme (print))
- Lunches (3)* and hot drinks throughout the day at the congress venue

*pre-booking required

THE REGISTRATION FEE FOR ACCOMPANYING PERSONS INCLUDES:

- Admission to SportEx – The Official Exhibition of the ECSS
- Admission to the Opening Ceremony
- Admission to the Opening Reception*
- Admission to the Closing Ceremony
- Admission to the Farewell Reception*
- Congress material (congress bag, final programme (print))
- Lunches (3)* and hot drinks throughout the day at the congress venue

*pre-booking required

Please note that accompanying persons do not have admission to scientific sessions.

THE REGISTRATION FEE FOR ADDITIONAL EXHIBITORS INCLUDES:

- Admission to SportEx – The Official Exhibition of the ECSS
- Admission to the Opening Ceremony
- Admission to the Opening Reception*
- Admission to the Closing Ceremony
- Admission to the Farewell Reception*

- Congress material (congress bag, final programme (print))
- Lunches (3)* and hot drinks throughout the day at the congress venue

*pre-booking required

Please note that exhibitors do not have admission to scientific sessions.

VOLUNTEERS

The volunteers will be available to answer any questions about the congress programme, the location of the amphitheatres, lecture rooms and catering, etc. Volunteers can be identified by red shirts with the ECSS and congress logos.

SCIENTIFIC PROGRAMME

Researchers and scholars from all over the world contribute to the scientific programme and address the congress theme 'Explore · Enlighten · Perform'. Thereby, the programme highlights the multi- and interdisciplinary character of the field examining physical activity, exercise, and sports from theoretical, empirical and applied viewpoints, and from molecular to societal contexts. This variety is achieved by allocating a total of 2,319 abstracts to the following session types:

- 3 plenary sessions with 6 presentations
- 32 invited sessions with 96 presentations
- 3 exchange symposia with 8 presentations
- 168 oral sessions with 760 presentations
- 120 conventional print poster sessions with 1046 presentations
- 403 e-poster presentations (not debated)

YOUNG INVESTIGATORS AWARD (YIA) – SPONSORED BY EUROPEAN JOURNAL OF SPORT SCIENCE (EJSS)

ECSS has received record-breaking 657 applications for this year's YIA. Out of those, 276 have met the administrative requirements for the YIA, and after a thorough review, 116 have entered the final stage of the competition. All YIA candidates will present their research in front of the judging committee in Paris.

The Scientific Board and the Scientific Committee will select the 10 best presentations from oral and 4 from conventional print poster categories. ECSS announces the finalists at the latest on Thursday afternoon, 6 July, through ECSS social media channels, at the screens of the ECSS booth. The 4 finalists of the oral presentations will present their research again on Friday afternoon, 7 July at 14:30-15:45 in the Grand Amphitheatre on level 0. They will have 15 minutes each: 10 minutes of presentation and 5 minutes to answer questions from representatives of the Scientific Board and/or Scientific Committee. After a final evaluation by the ECSS Scientific Board and Scientific Committee, the order of the first 4 winners will be announced together with the presentation of the prizes at the Closing Ceremony on Friday evening, 7 July at 17:30-18:00 in the Grand Amphitheatre on level 0. The equal 5th winners will receive their certificate and prizes on Thursday evening, 6 July, at the Uniting Excellence in Sport Science Reception in Musée Carnavalet in Paris. All 14 finalists will be invited to this event and prize winners who do not attend cannot be considered for the award prize.

PRIZE MONEY

Generous cash prizes for YIA finalists are officially sponsored by the European Journal of Sport Science (EJSS).

ORAL PRESENTATIONS

- 1st – EUR 4,000
- 2nd – EUR 3,000
- 3rd – EUR 2,000
- 4th – EUR 1,000
- Equal 5th – EUR 500

CONVENTIONAL PRINT POSTER PRESENTATIONS

- 1st – EUR 3,000
- 2nd – EUR 2,000
- 3rd – EUR 1,000
- 4th – EUR 500

GSSI SPORTS NUTRITION AWARD

During the submission process, nutrition related abstracts in oral format, have been able to opt in to apply for the GSSI Sports Nutrition Award. A reviewing panel has selected the top 5 candidates of all applicants to present their research in front of the GSSI Sports Nutrition Award panel on Wednesday, 5 July, at 11:30-12:45 in room 351. The winners will be awarded at the GSSI Award Ceremony on Wednesday, 5 July at 19:30 in the Grand Amphitheatre on level 0.

PRIZE MONEY

- 1st – EUR 3,000
- 2nd – EUR 1,500
- 3rd – EUR 500

TRAVEL GRANTS

YIA TRAVEL GRANT

With the sponsorship of Taylor & Francis (Routledge), 2 YIA Travel Grants (EUR 500 each) have been distributed for ECSS Paris 2023 to applicants from DAC List of ODA Recipients:

- Cassidy de Franca (ZAF)
- Gustavo Oliveira de Silva (BRA)

ECSS TRAVEL GRANT

To further support our participants from countries of the DAC List of ODA Recipients, the ECSS has distributed 3 additional Travel Grants (EUR 500 each) for ECSS Paris 2023:

- Kosar Abbaspour (IRN)
- Shiva Ebrahimpour (IRN)
- Matha Eskandarnejad (IRN)

GSSI YOUNG SCHOLAR TRAVEL GRANT AWARD

The Gatorade Sports Science Institute (GSSI) has sponsored 3 Young Scholar Travel Grants (EUR 2,000 each) for ECSS Paris 2023 to ECSS members who have submitted nutrition related research and residing anywhere in the world:

- Chen Yi Chen (JPN)
- William Thomas Jardine (AUS)
- Christina Karpouzi (GRC)

PRESENTATION REGULATIONS AND SPEAKERS READY ROOM

ORAL SESSIONS

BEFORE

The Speakers Ready Room is located in room 304 to be entered from Hall Bordeaux on level 3 of the Palais des Congrès. Please locate the lecture room of your session well in advance and familiarise yourself with the setup. The format for invited and oral presentations is PowerPoint (16:9). All PowerPoint presentations must be pre-uploaded in the Speakers Ready Room. This must be done the day before your session and as early as possible. Presenters on Wednesday, 5 July, need to upload their presentations on Wednesday morning at the latest. Once in your lecture room, please check that the file is available on the laptop and that it is functional. Note that private laptops cannot be used. All presenters must be available at the respective lecture room 15 minutes before the session starts. Please introduce yourself to the session Chair(s). There will be one or two volunteers in each meeting room to help with the logistics, IT and timing of presentations.

DURING

The Chair will introduce you (name, institution, title of presentation and if the speaker is running for YIA) and give you the floor. Please keep to the exact timeline for the session:

General Information

- 10 minutes presentation
- 5 minutes discussion

A volunteer will show you (and the Chair) a yellow card at 9 minutes and a red card at 10 minutes, to guide you with the timing of your presentation. When necessary, a red card will be shown to you again after the allocated 15 minutes to advise you and the Chair to move on to the next presentation.

AFTER

Please clear the lecture room as soon as possible at the end of the session as the next session will start within 15 minutes.

CONVENTIONAL PRINT POSTER SESSIONS

Please prepare your poster (Size A0, height: 120cm, width: 90cm) prior to the congress and bring it with you to the venue. During the chaired poster session at the indicated time slot, you will have 3 minutes to present your poster and 2 minutes for discussion. Pin up your poster at the designated spot (poster board) in the morning of the day of your presentation. A poster help desk at the entrance of the poster board hall (Hall Bordeaux) will provide you with 6 poster patches per poster. Remove your poster right after the session. Posters that have not been removed after the session will be removed by ECSS.

CONGRESS LANGUAGE

The official congress language is English. No simultaneous translation will be provided.

LUNCH TICKETS (IF PRE-BOOKED) AND COFFEE BREAKS

Congress lunches (if pre-booked and having indicated the special dietary requirements), coffee breaks and additional hot drinks throughout the days are included in the paid congress registration and will be served in the SportEx area (Level 3, Hall Havane) from Wednesday to Friday. Participants will receive a lunch ticket for each day (Wednesday, Thursday and Friday) at the registration desk upon arrival.

BADGES

All registered participants and accompanying persons will receive a badge. Exhibiting companies receive exhibitor passes and accredited members of media receive media passes. The badge is your ticket to enter the congress site or any of the social activities. Badges must be worn at all times.

TRANSPORT

The Palais des Congrès is located in the centre of Paris near the Arc de Triomphe. Tickets for public transport are not provided by the city of Paris, but the metro connects the different parts of the city well and at low prices. You can reach the most attractive sights by foot, bus and metro.

MESSAGES AND CHANGES TO THE PROGRAMME

Messages and any changes to the programme (if applicable) are sent via E-mail to all congress participants.

INTERNET SERVICES

Public wireless 2.4 Hz internet will be available free of charge at the congress venue.

SPORTEX– THE OFFICIAL EXHIBITION OF THE EUROPEAN COLLEGE OF SPORT SCIENCE

An expansive area has been allocated for the congress exhibition, which will form the hub of ECSS Paris 2023. Exhibitors from all over the world, eager to advance and enhance science and research, will showcase their state-of-the-art products and services. The exhibition is located in Hall Havane on level 3. The opening hours are:

- Wednesday, 5 July, 09:00-17:00; 19:30-21:00
- Thursday, 6 July, 09:15-16:30
- Friday, 7 July, 09:15-16:15

Satellites

AT INSEP

EXERCISE IS MEDICINE (EIM)

Monday, 3 July, 09:00-18:00, Amphi C

ELITE SPORT PERFORMANCE

Monday, 3 July, 14:00-16:00, Paris 1900

PUBLIC PLENARY WITH STÉPHANIE GICQUEL

Monday, 3 July, 19:00-20:00, Paris 1900
in French language

AT PALAIS DES CONGRÈS

OLYMPIC GAMES IN PARIS 2024 AND MEDICAL PLANNING (IOC)

Tuesday, 4 July, 10:00-13:15, Amphitheatre Bordeaux

EVOLVING APPROACHES IN SPORT NUTRITION (GSSI)

Tuesday, 4 July, 15:15-17:30, Amphitheatre Bordeaux

Special Interest Groups

COMBAT SPORTS

Wednesday, 5 July, 12:45-13:45, Room 352A

DISTANCE RUNNING – SPONSORED BY DECATHLON

Wednesday, 5 July, 12:45-13:45, Room 353

ENVIRONMENTAL PHYSIOLOGY

Wednesday, 5 July, 12:45-13:45, Room 313+314

REDS

Wednesday, 5 July, 12:45-13:45, Room 341

THE ACTIVE BRAIN

Wednesday, 5 July, 12:45-13:45, Room 315

WEARABLE TECHNOLOGIES AND AMBULATORY ASSESSMENT IN MOVEMENT AND EXERCISE

Wednesday, 5 July, 17:00-18:00, Room 315

ELITE SPORT PERFORMANCE

Thursday, 6 July, 12:15-13:15, Room 352A

SPORT NUTRITION (GSSI)

Thursday, 6 July, 18:15-20:00, Room 362+363

Workshops

AT INSEP

SPRINT FORCE-VELOCITY PROFILE: FROM TESTING TO LOAD QUANTIFICATION AND INJURY PREVENTION? - BY FULGUR TEAM

Monday, 3 July, 14:00-16:00, Espace Vandewalle

MONITORING POWER, STRENGTH AND SPEED, FROM LAB TO GYM – BY KINVENT

Monday, 3 July, 16:00-18:00, Salle Omnes

SLEEP – SHOWROOM

Monday, 3 July, 16:00-18:00, Bibliothèque

AT PALAIS DES CONGRÈS

MASTERCLASSES

Tuesday, 4 July, 14:30-16:00 and 16:30-18:00

- Qualitative Data (ECSS), Room 341
- Quantitative Data (ECSS), Room 342A
- Mixed Method Studies (ECSS), Room 351
- Open Science (ECSS), Room 352A
- Data Visualization (INSEP), Room 352B
- Open Access Publishing (Wiley), Room 342B

LATIN-AMERICAN FITNESS

Tuesday, 4 July, 18:15-19:15, SportEx Workshop Stage

DECODING FORCE PLATES: EXPLORING THE FACTORS IMPACTING MEASUREMENT PRECISION AND ACCURACY - BY KISTLER

Wednesday, 5 July, 16:30-17:30, SportEx Workshop Stage, Hall Havane

EMG AND IMU APPLICATIONS IN UNDERWATER BIOMECHANICS – BY BIOMETRICS FRANCE

Thursday, 6 July, 16:00-17:00, SportEx Workshop Stage, Hall Havane

Booth talks

POWER UP PARALYMPIC PERFORMANCE – BY LODE

Wednesday, 5 July, 12:45-13:05, Lode Booth ID 63

MOTOR SIGNATURES, A UNIQUE LINK TO ACTION – BY PEPS PEOPLE

Thursday, 6 July, 12:15-12:35, Peps People Booth ID 72

EXCALIBUR SPORT – THE GOLD STANDARD IN ERGOMETRY – BY LODE

Thursday, 6 July, 12:35-12:55, Lode Booth ID 63

EXTREME UPPER BODY WINGATE TESTING – BY LODE

Friday, 7 July, 12:35-12:55, Lode Booth ID 63

Additional Meetings

ECSS EARLY CAREER RESEARCHERS

Thursday, 6 July, 12:15-13:15, Room 313+314

ECSS FELLOW DROP-IN

Thursday, 6 July, 12:15-13:15, Room 315

ICSESP GLOBAL INDUSTRY ADVANCEMENT WORKSHOP

Thursday, 6 July, 12:15-13:15, Room 361

INTERNATIONAL SOCIETY OF BIOMECHANICS

Thursday, 6 July, 12:15-13:15, Room 351

SOCIAL PROGRAMME

The ECSS congress in Paris offers you a wide range of social events outside the scientific programme. All functions are included in the congress registration fees, unless otherwise indicated.

ECSS GENERAL ASSEMBLY

Date: Tuesday, 4 July

Time: 13:30-14:15

Room: Amphitheatre Bordeaux

All ECSS members are invited to join the ECSS General Assembly to be informed about the latest facts, figures and the development of the College.

OPENING ADDRESS AND OPENING CEREMONY

Date: Wednesday, 5 July

Time: 19:30-20:00

Room: Grand Amphitheatre

The official opening of the congress will commence after the first plenary session. The programme will feature an Opening Address from the Congress President and the ECSS President.

OPENING RECEPTION (PRE-BOOKING REQUIRED)

Date: Wednesday, 5 July

Time: 20:00-21:00

Room: SportEx area (Hall Havane)

Following the Opening Ceremony, all participants are invited to meet and greet, network and enjoy the French cuisine. Finger food and drinks are provided for those that registered their participation.

7TH ECSS BENGT SALTIN RUN – SPONSORED BY H/P/ COSMOS (REGISTRATION REQUIRED)

Date: Thursday, 6 July

Time: 07:00

Location: Quai Valéry Giscard d'Estaing

Join the traditional Bengt Saltin Charity Run in honour of Professor Bengt Saltin, a Founding Member and Patron of the ECSS. All registered runners need to collect their runners kits at h/p/cosmos booth (ID 25) at SportEx on Wednesday, 5 July, 13:00-16:00.

UNITING EXCELLENCE IN SPORT SCIENCE RECEPTION (INVITATION ONLY)

Date: Thursday, 6 July

Time: 20:00-22:00

Location: Musée Carnavalet

Members of all ECSS boards together with the top candidates of this year's YIA competition (as well as former YIA winners) are invited to this networking reception and to celebrate sport science in the City of Light!

CLOSING CEREMONY

Date: Friday, 7 July

Time: 17:30-18:00

Room: Grand Amphitheatre

The Closing Ceremony will immediately follow the YIA presentations, featuring a thank you and goodbye from Paris and a presentation from the 29th Annual Congress – ECSS Glasgow 2024.

FAREWELL RECEPTION (PRE-BOOKING REQUIRED)

Date: Friday, 7 July

Time: 18:00-20:00

Room: Hall Bordeaux

The Farewell Reception will take place after the Closing Ceremony. Finger food and drinks are provided for those that registered their participation.

FRIDAY NIGHT PARTY

Date: Friday, 7 July

Time: 20:00-03:00

Room: Hall Ternes (Level 1)

This year, the Friday Night Party will take place straight after the Farewell Reception at the Palais des Congrès. It offers the perfect environment to exclusively host this party, so there will be no extra travel required! Due to Paris prices at an all-time high we need to ask for a small contribution of EUR 15 to make this event happen. More information can be found in your ECSS account, where you also can register for this event. Please note, a pre-booking is mandatory. There will be a cash bar for beer, wine and soft drinks, and plenty of space to dance to our DJ's music, talk, relax and mingle! Please bring your personalised Friday Night Party ticket to enter the party and do not forget your drinking voucher!



2023 ECSS ANNUAL CONGRESS

TAKE ATHLETE HEALTH & PERFORMANCE TO THE NEXT LEVEL.

GSSIWeb is the one-stop source for all the latest sports science research and continuing education opportunities you need to take your career—and your athletes—further than ever before. [For more resources visit GSSIWeb.org](https://www.gssiweb.org)

JOIN US

We're hosting the **GSSI Satellite Symposium Pre-Con, *Evolving Approaches in Sports Nutrition***, where speakers will discuss approaches which are evolving the way in which Sports Nutrition can be tailored to the needs of the individual athlete.



To register for the Pre-Con, visit our [event page](#) or scan the QR code.

Pre-Con: Evolving Approaches in Sports Nutrition

15:15 – 17:30 CEST
TUESDAY, 4 JULY 2023
PALAIS DES CONGRÈS DE
PARIS, AMPHITHÉÂTRE
BORDEAUX

SESSION 1 15:20 – 15:50

Emergence of Creatine Supplementation for Improving Brain Health, Function, and Recovery
Dr. Darren Candow, University of Regina, Canada

SESSION 2 15:50 – 16:20

Personalised Nutrition for Metabolic Health
Dr. Sarah E Berry, King's College London, UK

SESSION 3 16:30 – 17:00

Personalised Sport Nutrition Based on Muscle Typology
Dr. Wim Derave, Ghent University, Belgium

SESSION 4 17:00 – 17:30

Application of Sports Nutrition Beyond Sport
Dr. Sara Oikawa, Gatorade Sports Science Institute, US

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79 - 1080 MOTION AB

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SWEDEN

14 - ACTIGRAPH - TSP

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WWW.TSP-DIFFUSION.COM/ACTIGRAPH/
FRANCE

17 - AMTI EUROPE

Biomechanical Force Plates, Instrumented Tandem Treadmills, Custom Instrumentation

AMTI's multi-axis force platforms and instrumented treadmills provide accurate and repeatable force data for many dynamic sport science studies. These six-component force measuring systems have high natural frequency, a wide dynamic range, excellent repeatability, and unsurpassed accuracy. Configurations include floor mounted, portable, dual force platform treadmills, instrumented start blocks, and more.

WWW.AMTI.BIZ
GERMANY

73 - ANT NEURO

We specialize in being a single-source provider of high-performance products in neuroscience research & neurodiagnostics

ANT Neuro is a Dutch corporation specialized in the development, marketing and sales of medical and research applications. ANT Neuro was established in 1997 as a spin-off company of the University of Twente, Enschede. It now has offices located in Hengelo, The Netherlands; Berlin, Germany; London, UK; Philadelphia, USA; Melbourne, Australia; and Hong Kong, China. ANT Neuro specializes in being a single-source provider of high performance products within neuroscience research and neurodiagnostics. Applications include EEG, EMG, TMS and MEG technology. Using ANT Neuro products, functional brain information is fused with anatomical scans to gain insight into the working mechanisms of cognition and a variety of brain disorders. Our technology offers a wide range of applications in cognitive neuroscience, neurology and psychiatry. We are committed to serving our customers the best-possible solutions available through our dedication to advancing the capabilities of neurotechnology, through steadfast relationships with our user community, and through helping further the collective understanding of the human brain, with the ultimate hope of improving human life.

WWW.ANT-NEURO.COM
GERMANY

24 - ARTINIS MEDICAL SYSTEMS BV

Research devices for brain and muscle oxygenation monitoring (NIRS devices)

We are an innovative dutch company active in the field of medical research and quality assurance. Our goal is to make optical imaging easy. We do so by not only focussing on the usability within the design process - but also by providing superior after-sales support. This is based upon our extensive knowledge of the field and on close cooperation with expert groups at various scientific

institutions. We are an independent manufacturer and are therefore able to choose the best components available on the market for our products. Coming from the research field ourselves, we have a lot of experience in optical oximetry, especially near infrared spectroscopy. Our highly portable and multichannel NIRS devices can be used to monitor oxygen supply non-invasively in both brain and muscle tissue.

WWW.ARTINIS.COM
NETHERLANDS

7 - ASIAN SOCIETY OF KINESIOLOGY

Sport Science Organization

The Asian Society of Kinesiology (ASK) is an international non-profit organisation founded during the 7th Asia Conference on Kinesiology in Incheon, Korea, in 2016. We have hosted the North East Conference on Kinesiology (NACK) 6 times before the establishment of ASK. The purpose of ASK is to research the specialty of kinesiology and develop the integrated kinesiologist qualification system, with a special focus on to the convergence areas of kinesiology and sports medicine in the fourth industrial revolution. The ASK associates scientists committed to the ASK mission by individual membership. By organising the ASK Annual Meeting, the ASK provides a networking platform to share your knowledge.

[HTTPS://WWW.ASKANNUALMEETING.ORG/SUB01/SUB01_00.PH](https://www.askannualmeeting.org/sub01/sub01_00.ph)
KOREA, SOUTH

29 - BERTEC CORP.

Force plates, instrumented treadmills, instrumented strating blocks

Bertec's products have represented a legacy of excellence in biomechanics for over 35 years. We provide solutions founded in accuracy and precision. Our

engineering is trusted worldwide to enable a deeper understanding of human movement.

WWW.BERTEC.COM
USA

46 - BIOMETRICS FRANCE

Biometrics Cometa

Biometrics France is active in the fields of research, clinical, rehabilitation, ergonomic and sport since 1988. The company is specialized in gait, 3D movement analysis and robotics systems for rehabilitation. - Opto-electronic 3D movement analysis system VICON (GB) - Analysis of spatial and temporal parameter of gait GAITRite (USA) and CIRFACE (USA) - WAVE EMG WiFi system COMETA (It) - Pressure Distribution force plates and treadmills Zebris (DE) - Robotic systems from Prodrum (PL), Reha-Stim (DE) and Fourier Intelligence (Sg) - Electro-goniometers, accelerometers, EMG, Datalog, Datalink data acquisition systems Biometrics Ltd (GB) - Quantified muscular testing with MicroFET HOGGAN (USA)

WWW.BIOMETRICS.FR
FRANCE

56 - BIOPAC SYSTEMS INC

Physiology Data Acquisition and Analysis Systems

Measure physiology anywhere, anytime, in any location with BIOPACs data acquisition and analysis hardware and software solutions. BIOPAC instrumentation is used in 99% of universities around the world and is used by researchers for meaningful scientific discovery. A full line of wired and wireless solutions will meet your exercise physiology experiment needs. Use BIOPAC equipment in the real-world, in virtual reality, or in the MRI environment. Sports physiological data acquisition amplifiers, transducers and software include BioNomadix BioShirt, the wireless, wearable BioNomadix Logger, BioNomadix Wireless Transmitter-Receiver Amplifiers, wireless Eye

Tracking Glasses, wireless EEG Systems, wireless fNIRS Systems, and a Metabolic Gas Analysis System.

WWW.BIOPAC.COM
UNITED STATES

69 - BODYCAP

Sensors for continuous core body temperature monitoring

Manufacturer of miniaturized wireless electronic sensors for continuous core body temperature monitoring.

WWW.BODYCAP-MEDICAL.COM
FRANCE

68 - BRAIN PRODUCTS GMBH

Solutions for Neuroscience

Brain Products dedicates itself to the research and understanding of the human brain and nervous system. The focus on positively impacting neuroscience made Brain Products the worldwide leading manufacturer of hard and software solutions for neurophysiological research. Our solutions cover the fields of: ERP, BCI, EEG/fMRI, EEG/TMS, as well as sports, sleep, behavioural sciences and similar disciplines. Since for us at Brain Products a solution is only solution if it covers all the researcher's needs we also provide caps, sensors, easily integrated stimulation software and much more.

WWW.BRAINPRODUCTS.COM
GERMANY

55 - BTS BIOENGINEERING

Motion capture analysis in sport

BTS Bioengineering connects the world of healthcare and sport with cutting-edge motion capture technologies. The ultimate goal of BTS Bioengineering technologies is to help people overcome their restricted mobility and enhance their performance so that they can face life

and competition to the best of their ability. We develop technologies as we are very familiar with the needs of the people for whom they are intended. For patients and sports people, of course, but primarily for doctors, rehabilitators, physiotherapists, and athletic trainers, who need to find the same simplicity and fluidity in their use as someone who moves confidently.

WWW.BTSBIOENGINEERING.COM
ITALY

44 - CARNOT NETWORK FOR SPORT & HEALTH

Scientific expertise and technological resources to support companies in R&D and innovation projects

The Carnot Network is a public organization dedicated to the development of partnership research in many fields, one of them being built around Sport & Health. We offer to companies a complete portfolio of scientific expertise and technological resources to support them on multidisciplinary R&D and innovation projects.

WWW.CARNOTSTAR.UNIV-AMU.FR
FRANCE

11 - CLARIUS MOBILE HEALTH EUROPE LIMITED

Handheld & wireless ultrasound scanners

High-Definition Wireless Ultrasound for Specialized Patient Care. Clarius HD3 is the ideal wireless ultrasound scanner for musculoskeletal (MSK) imaging and procedural guidance. Make a confident diagnosis with high-resolution imaging of muscles, joints, ligaments, tendons, and cartilage both at rest and in motion. AI-Powered for Optimal Imaging. With 8 times the processing power of most handheld ultrasound systems, Clarius HD3 gives you sharp and clear images of muscle and tissue to assess injuries and perform injections with confidence. With AI assistance on your smart device, getting a great image is easy. Start scanning in seconds, then simply pinch to zoom, slide to change gain, and

tap to switch modes. Confidently identify joint effusions. Identify and grade sprains and tears, then monitor progress. Distinguish between calcific tendonitis and rotator cuff tears. Identify an Achilles tear and monitor treatment efficacy over time. Foster patient trust and commitment to your treatment plan. Visualize your needle to avoid tiny nerves and vessels when injecting.

WWW.CLARIUS.COM
UNITED KINGDOM

35 - COFEL INDUSTRIES

Bedding Manufacturer

Leader of the French bedding industry (3 brands owner: Bultex, Epéda, and Merinos). We shall participate with our brand BULTEX.

WWW.BULTEX.FR
FRANCE

20 - CORTEX BIOPHYSIK GMBH

Spiroergometry CPET Solutions

CORTEX is a global specialist and innovative partner in the field of spiroergometry and a leader in mobile respiratory gas analysis.

With the portable and mobile system CORTEX guarantees precise measurement results on medical diagnostics, therapy, performance diagnostics and prevention.

WWW.CORTEX-MEDICAL.COM
GERMANY

48 - COSMED

Cardiopulmonary Exercise Testing Equipment

With more than 40 years of experience in the Sport Science & Human Performance field, COSMED designs, manufactures and sells worldwide solutions for Cardiopulmonary, Metabolic and Body Composition assessment. COSMED boasts a complete range of prod-

ucts for the measurement of Pulmonary Gas Exchange during exercise and at rest, including the brand new K5 (<http://www.cosmed.com/wearit/>), the 4th generation of the World's best selling metabolic system for field and laboratory testing. COSMED advanced diagnostic equipment includes also the Quark CPET, a fully-featured and highly accurate metabolic cart. COSMED is also the provider of the BOD POD, the practical Gold Standard solution, based on air displacement plethysmography technology, for the measurement of body composition in adults and children.

WWW.COSMED.COM
ITALY

19 - DELSYS EUROPE

Wearable sensors for movement sciences

Delsys, being at the forefront of innovative developments in electromyography (EMG) for more than 30-years, have established the foundation for unmatched signal quality, consistency and reliability. Latest EMG innovations from Delsys include: Trigno Avanti (EMG & IMU), Trigno Quattro (4 x EMG mimini heads IMU), Trigno Galileo (EMG decomposition for dynamic contractions) and Trigno Maize (HDsEMG for Spatial Muscle Mapping).

WWW.DELSYS.COM/EUROPE
UNITED KINGDOM

58 - ECSS OFFICE

Organiser of the annual congress of the European College of Sport Science

The ECSS is the leading association of sport scientists at the European level and maintains extensive cooperation with corresponding non-European associations.

The purpose of the ECSS is the promotion of science and research, with special attention to sport science and sport medicine across Europe and beyond.

The ECSS is a non-profit organisation consulting European institutions, such as the European Union, by offering scientific advice. In addition it serves as the

Congress Exhibitors

most important European network of sport and sport medicine scientists from all relevant sub disciplines.

WWW.SPORT-SCIENCE.ORG
GERMANY

54 - FUNCTIONAL MOVEMENT SYSTEMS

Functional Movement Screen, Selective Functional Movement Assessment

FMS provides education for fitness and healthcare professionals to help individuals move well, and then move often. Our screening, testing, and assessment tools allow professionals to make the best, educated decision for the individual they are working with.

WWW.FUNCTIONALMOVEMENT.COM
UNITED STATES

1 - GATORADE SPORTS SCIENCE INSTITUTE

Gatorade Sports Science Institute focuses on Research, Education and Athlete Services in the fields

Founded in 1985, the Gatorade Sports Science Institute (GSSI) is committed to helping athletes optimize their performance and well-being through driving the research, improving education and providing world class sports science services. Using research, GSSI aims to lead in the field of sports nutrition, generate ideas, support new product development and improve recommendations to athletes. Through education, GSSI translates complicated science into practical applications. Utilizing sports science services, GSSI helps athletes obtain a better and more detailed understanding of their body and provides key benchmarks. Headquartered in Barrington, IL, GSSI has opened satellite labs in Bradenton, FL on the IMG Academies campus and on the campus of Loughborough University in Loughborough, UK.

WWW.GSSIWEB.COM
USA

25 - H/P/COSMOS SPORTS & MEDICAL GMBH

Treadmill solutions and systems for sports, medicine, science and rehabilitation

Since 1988, h/p/cosmos has been developing and manufacturing treadmills for various fields including fitness, competitive sports, sports medicine and science, orthopaedic and neurological rehabilitation, biomechanics, uniformed services, performance and cardiopulmonary diagnostics as well as rehabilitation. Looking back on a history of more than 35 years, the company has gained high reputation and influence in all business sectors through the development and distribution of new products, software, system solutions and application methodologies.

Today, athletes, scientists and professionals around the globe rely on and benefit from the safe, innovative and durable products and systems 'made in Germany'.

WWW.HPCOSMOS.COM
GERMANY

42 - INNOVATIVE SPORTS TRAINING, INC

The MotionMonitor

The MotionMonitor xGen is a real-time, turn-key 3D motion analysis system used in sports performance, strength and conditioning, and biomechanical applications involving the capture and analysis of complex movements. The system solutions offer data acquisition, visualizations and analyses and are customizable for unique needs, requirements, and budgets. Data are synchronously collected and include measurements such as kinematics, force, EMG, eye gaze and EEG. In addition to customized solutions, The MotionMonitor delivers unique icon-based applications, such as Jump Pro for performance assessment of athletes.

WWW.INNSPORT.COM
UNITED STATES

16 - JOURNAL OF SPORT AND HEALTH SCIENCE (JSHS)

Research article publication, peer-review journal

The Journal of Sport and Health Science (JSHS), launched in May 2012, sponsored by Shanghai University of Sport, is a peer-reviewed scholarly journal. JSHS has been Indexed in SCI, SSCI, MEDLINE, PubMed Central, Scopus, EBSCO, DOAJ, EMBASE, CA, etc.

WWW.IS.GD/UOWHEB
CHINA

37 - KINVENT BIOMECHANIQUE

Biomechanical evaluation equipment

KINVENT is a company who designs, manufactures and markets biomechanical evaluation equipment for rehabilitation.

WWW.K-INVENT.COM/
FRANCE

28 - KISTLER INSTRUMENTE AG

Force Plates, performance analysis systems

Kistler force plates were first introduced in 1969 and have consistently proved their worth as precise, reliable measuring instruments.

The unique piezoelectric measuring system offers numerous advantages and makes Kistler force plates a cost effective investment for biomechanical laboratories. Longevity, high accuracy, linearity and sensitivity provide reliable and reproducible results.

WWW.KISTLER.COM/BIOMECHANICS
SWITZERLAND

63 - LODE B.V.

Bicycle, arm and treadmill ergometers supporting athletes and Physicians to improve performance

Lode supplies high quality, reliable and accurate medical and sports performance products for more than 70 years. With that, Lode supports medical professionals, researchers, movement scientists and coaches. Lode wants to develop customer-oriented, innovative and sustainable products that are easy to use, enabling professionals to focus entirely on their clients.

WWW.LODE.NL
NETHERLANDS

80 - MANATEC BIOMEDICAL

PhysioFlow Cardiac Output

PhysioFlow® is a unique range of noninvasive hemodynamic monitors that perform the most accurate and validated measurements of cardiac output and related parameters in the world, even at maximal exercise and on the field.

WWW.PHYSIOFLOW.COM
FRANCE

70 - MICROGATE SRL

Innovative products for athletes preparation and evaluation

Microgate performs an important work in the field of athletic preparation and evaluation providing trainers and others working in these sectors with high technology and innovative products, technical consultancy and assistance.

Gold standard systems for the performance evaluation and systems for rehabilitation and prevention of injuries.

WWW.MICROGATE.IT
ITALY

62 - MONARK EXERCISE

Ergometers

Research has always been at the very heart of the Monark Exercise brand, as well as the notion that physical fitness is the key to personal wellbeing. The original Monark cycle ergometer was developed in the 1950s, in collaboration with Professor Per-Olof Åstrand, the founder of the Åstrand Test and the pioneer in modern exercise physiology.

WWW.MONARKSPORTSMED.COM
SWEDEN

34 - MOOR INSTRUMENTS

Blood flow / Oxygenation monitoring and imaging

Equipment for Physiological measurements including:
- Blood-flow monitoring - Blood-flow imaging - Oxygenation monitoring - Oxygenation imaging - Endothelial function testing - NIRS monitoring (Muscle and cerebral)
- TCPO2 monitoring - Pressure Cuff Inflation and control - Iontophoresis - Localised skin heating and temperature monitoring - Laser Doppler monitoring and imaging - Laser speckle imaging - White light spectroscopy

WWW.MOOR.CO.UK
UNITED KINGDOM

38 - MOTEN TECHNOLOGIES

Muscle measurement and analysis system

MOTEN Technologies offers an alternative solution for measuring and analysing muscle function. Our patented sensors measure the vibratory activity of contracting muscles, regardless of the activity performed. They are small, quick to set up and can be used by all! Thanks to their great autonomy and their portability, measure the totality of an activity in 100% real condition with the same reliability as usual solutions such as EMGs. The data collected by our sensors are automatically processed by our analysis software for a quick visualization of key

indicators. Our solution is used in injury prevention, motor rehabilitation, personalization and monitoring of physical preparation, ... Meet MOTEN, a new way to measure muscle!

WWW.MOTEN-TECH.COM
FRANCE

10 - MOTIONCORE

Bio Medical and Tech Analysis

Motioncore is a bio-mechanical, biotechnology company. We have developed a set of technologies that measures and analyzes cyclic human movements such as gait (walking), to provide A.I. simulated data that predicts personal motor identities and brain functionalities. Through years of research, we have created health and fitness indexes that provides information for digital therapy and medical diagnosis. Furthermore it will allow us to predict medical conditions that could happen in the future.

[HTTPS://EN.MOTION-CORE.KR](https://en.motion-core.kr)
KOREA, SOUTH

32 - MOVELLA TECHNOLOGIES B.V.

3D IMU-based Motion Capture systems

Our mission is to digitize movement, so people can extract meaning and impact positive change. We provide intelligent solutions for sensing, capturing, and analyzing motion and states of being. Our products accelerate innovation and create extraordinary outcomes in entertainment, sports, health, and industrial markets. With our IMU based Motion Capture systems we enable (sport) scientists to acquire movement data in any environment. Using our magnetic immunity feature, the system can be used inside and outside of the lab, ensuring reliable and repeatable data. The systems are highly validated over the last 23 years by over 500 universities and institutes in the world.

WWW.MOVELLA.COM
NETHERLANDS

9 - MYOCENE

Myocene objective measurement of muscle fatigue

MYOCENE is a Belgium based company which develops and commercializes a unique device for objective muscle fatigue measurement.

Muscle fatigue, defined as a reduction of all physical capacities (strength, speed, power), decreases sports performance as long as the fatigue persists. Thanks to the combination of a very specific neurostimulation, the MYO-CONTRACTOR, a high precision force sensor, the MYO-SENSOR, and a dedicated algorithm, the MYO-AI, the MYOCENE device provides in only 2 minutes a precise measurement of the Powerdex of the quadriceps, i.e. the level of fatigue and performance of the muscle.

Thanks to the MYOCENE device, coaches, trainers or physical trainers of high-level athletes are now able to optimize and individualize the training load of their athletes. A real revolution to monitor and control recovery kinetics, avoid overtraining, reduce injuries and bring athletes to the pinnacle of performance.

WWW.MYOCENE.COM/EN/
BELGIUM

72 - PEPS PEOPLE

Athletes, Coaches, and Sport Actors, training on motor signatures

Since 1990 ActionTypes has concretely focused on highlighting the parameters related to the human motor signatures. Our mission: Helping people thrive within their own identity. Our purpose: Express yourself naturally, spontaneously, and reveal your true nature. Our conviction: A gesture cannot be learned, it must be liberated.

WWW.ACTIONTYPES.ORG/EN/ATA-ACCUEIL-US/
FRANCE

27 - PUPIL LABS

Eye Tracking Equipment

Our goal at Pupil Labs is to accelerate the development of eye tracking for real-world challenges so that any researcher or practitioner can just add eye tracking to their next study, prototype, or product. That's why we're excited to introduce Neon – a revolutionary new wearable eye tracker that's designed to power coaches, athletes and scientific research, and enable applications beyond the possibilities of today. Neon removes traditional barriers associated with eye tracking. No setup, no calibration – just ease of use with software built for everyone! Experience unprecedented data quality with NeonNet, our deep-learning gaze estimation pipeline, even in the most demanding sporting conditions. And with the modular design of Neon, you can choose from a wide variety of frame shapes, sizes, and styles specific to your needs. Neon is all the eye tracking hardware you need in a small package – high-speed eye cameras, wide-angle scene camera, stereo microphones, and an IMU, all encased in water-resistant silicone. Come and meet Neon and see how it can be used in your field!

WWW.PUPIL-LABS.COM
GERMANY

31 - QUALISYS AB

Motion capture systems

Qualisys is a leading provider of precision motion capture and 3D positioning tracking system.

WWW.QUALISYS.COM
SWEDEN

4 - RBM ELEKTRONIK-AUTOMATION GMBH

Cycling ergometers

The Cyclus2 is an innovative state-of-the-art cycling ergometer packed with electronic and IT solutions, comprising of standardized performance tests, isokinetic

Congress Exhibitors

mode, lateral oscillation, and training- and programming applications. Due to its versatility, functionality and user-friendliness it is used by sports scientists, high performance centres, coaches and top-class cyclists worldwide.

WWW.CYCLUS2.COM
GERMANY

41 - ROUSSELOT BV

Peptan Collagen Peptides

Producers of Peptan collagen peptides for supplements and functional food and beverages. Business to Business. Featuring a science & innovation unit dedicated to advance research on collagen peptides; from fundamental science to human benefits (mobility, sports nutrition, etc.).

WWW.ROUSSELOT.COM/HEALTH
NETHERLANDS

53 - SAS WIITRAINING

Sport Performance

We are a French company that designs and manufactures powerlifting and physical preparation equipment. Our brand is WIIT and our most important market is sport performance. We distribute also many other brands to propose a full offer. For example, we have an exclusive distribution for the 'Hamtech', innovation by Human Kinematic, which revolutionises the nordic hamstring exercise. We will present this product during ECSS.

WWW.WIITRAINING.COM
FRANCE

30 - SIMI REALITY MOTION SYSTEMS GMBH

Motion Capture & Analysis Systems

Simi - the Pioneers of Motion Capture and Motion Analysis technology. We are experts at the intersection

of sports and technology. Simi's not only been through the whole journey of motion capture since 1992; we lived and shaped it. Offering more than 30 years of expertise in the field, we got to be one of the pioneers for markerless motion capture technology. Simi delivers high-end 3D mocap technology using leading computer vision and machine learning algorithms to detect and quantify human and non-human movements in any condition. We are eager to establish AI-powered technologies in all kinds of sports. Our solutions offer full 3D analytics, processing and visualization. Go Markerless, go Simi. Choose experience.

WWW.SIMISHAPE.COM
GERMANY

13 - SYSMEX FRANCE

Instruments and reagents for clinical laboratory testing

Sysmex is a world leader in clinical laboratory testing of blood, urine and other specimens, providing instruments and reagents for clinical laboratory testing as well as laboratory information systems as part of a comprehensive service and support system. Currently introduced into high performance sport, Sysmex has a wide range of analytical tests such as CPK / hs-CRP for sport, for monitoring training and high intensity activity and for assessing muscle damage.

WWW.SYSMEX.FR
FRANCE

61 - TECMOLED

OXYFLEX

TECMOLED develops an innovative and patented solution for wireless and wearable devices for vital signs monitoring. The wearable device will lead into more comfortable use in a long term monitoring of blood oxygen saturation (SpO2), heart rate (HR), heart rate variability (HRV), temperature and respiration rate. This monitor is associated with a comfortable, elastic medical headband and it will be applied on the head,

allowing a better measurement accuracy even in case of hypothermia or movement.

WWW.TECMOLED.COM
FRANCE

6 - TMG-BMC D.O.O.

Tensiomyography - quantifying muscle function

Tensiomyography is being used by some of the most prestigious research institutions in the world, helping them detect acute or chronic changes in the muscle's ability to contract/relax. Novelty, relevancy and credibility of the information presented in a particular publication can significantly affect its impact. Tensiomyography has been used in more than 300 scientific papers.

WWW.TMG-BODYEVOLUTION.COM
SLOVENIA

39 - UNIVERSITÉ RENNES 2 - EUR DIGISPORT

Graduate School in Digital Sport Sciences

DIGISPORT is a graduate school offering interdisciplinary training and research in digital sport sciences at the masters and doctoral levels.

WWW.DIGISPORT.UNIV-RENNES.FR/EN/HOME/
FRANCE

2 - UNIVERSITY OF THE WEST OF SCOTLAND

Education

UWS is officially ranked by Times Higher Education in the top 150 of universities worldwide under 50 years old (2022 Young University Rankings). In the recent Research Excellence Framework (REF) 2021, 90 percent of research at University of the West of Scotland was classed as world-leading, internationally excellent, or recognised internationally. UWS was also crowned Higher Educational Institution of the Year 2022 (The Herald Higher Education Awards).

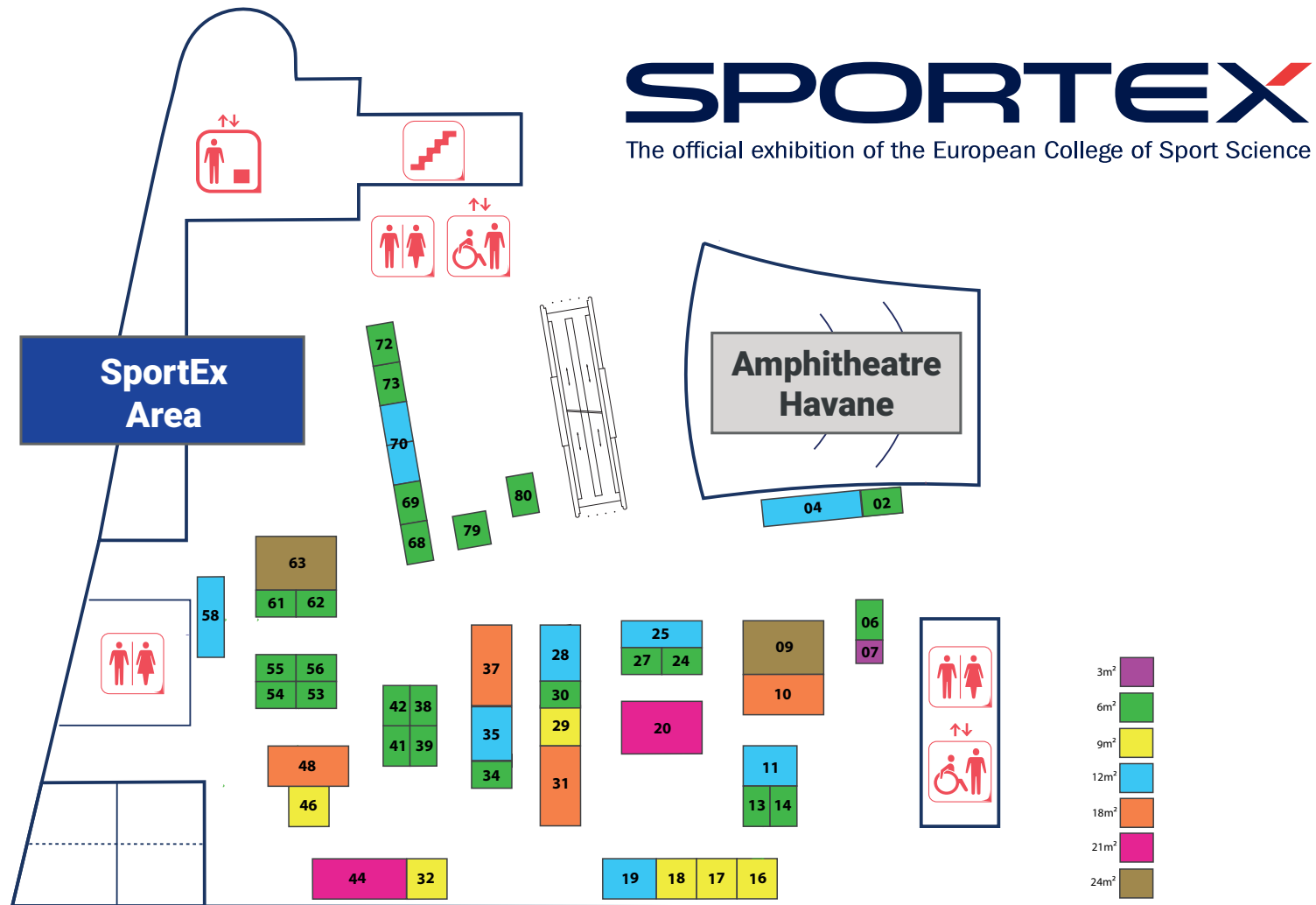
WWW.UWS.AC.UK
UNITED KINGDOM

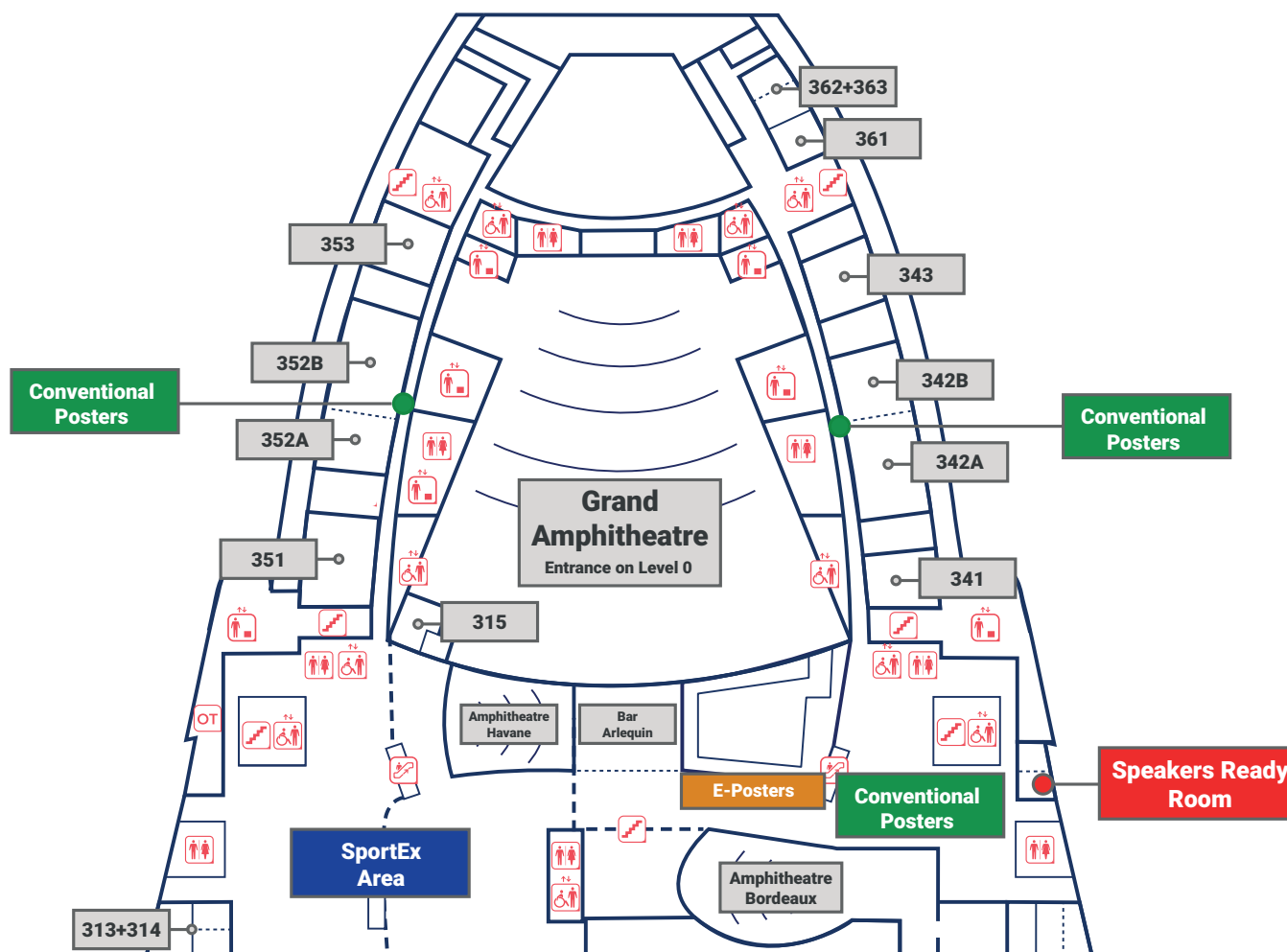
18 - VO2 MASTER HEALTH SENSORS INC.

Portable Metabolic Analysis Technology

VO2 Master provides an innovative and lightweight means to monitor how the human body responds to performance and wellness training. Our mission is to provide athletes, trainers, and health enthusiasts with the tools they need to achieve their goals. With our unique analyzer, you can individualize your training program based on your physiological needs, making it easier than ever before to achieve optimal performance and a healthier life.

WWW.VO2MASTER.COM
CANADA





Wednesday, 5 July

18:15 - 19:30

PS-PL01

Grand Amphitheatre

Fifty shades of fatigue: which colour is the elephant in the room?

CHAIR(S):

MILLET, G. [FRANCE]

LEPERS, R. [FRANCE]

18:15

EXTREME EXERCISES AND CHRONIC DISEASES: THEY SHARE MORE THAN YOU THINK!
Millet, G. [France]

18:55

MANY NAMES, ONE MEANING: A BIBLICAL CONCEPT OF FATIGUE?
Pattyn, N. [Belgium]

PS-PL01-1

PS-PL01-2

Thursday, 6 July

11:00 - 12:15

PS-PL02

Grand Amphitheatre

The development of sports champions: applied perspectives on the nature vs nurture conundrum

CHAIR(S):

BONDI, D. [ITALY]

11:00

HOW SPORTS CHAMPIONS DEVELOP MAY NOT BE HOW YOU THINK
Macnamara, B. [United States]

11:40

BIOLOGY TO BEHAVIOUR: ADVANCES IN TALENT DEVELOPMENT
Harrison, C. [New Zealand]

PS-PL02-1

PS-PL02-2

Friday, 7 July

16:15 - 17:30

PS-PL03

Grand Amphitheatre

Tendinopathy – Why does it happen, and can it be prevented?

CHAIR(S):

HANSEN, M. [DENMARK]

NORDEZ, A. [FRANCE]

16:15

CAN TENDINOPATHY BE PREVENTED? WHERE ARE WE & WHERE DO WE NEED TO GO?
Bahr, R. [Norway]

16:55

TENDON PHYSIOLOGY AND PATHOPHYSIOLOGY IN EXERCISE AND PHYSICAL TRAINING
Kjaer, M. [Denmark]

PS-PL03-1

PS-PL03-2

Wednesday, 5 July

08:30 - 09:45

IS-AP01

Amphitheatre Bordeaux

Recovery and sleep in elite sport

Chair(s):

NEDELEC, M. [FRANCE]

RUFFAULT, A. [FRANCE]

08:30 IS-AP01-1

MONITORING SLEEP IN ELITE ATHLETES AND INTERVENTIONS TO ENHANCE SLEEP

HALSON, S. [AUSTRALIA]

08:55 IS-AP01-2

INFLUENCE OF CHRONOTYPE, TRAINING/COMPETITION SCHEDULES, AND DAYTIME NAPPING ON ELITE ATHLETES SLEEP

VITALE, J. [ITALY]

09:20 IS-AP01-3

EFFECT OF SOCCER CONGESTED SCHEDULE ON PERFORMANCE AND INJURY RISK: THE RELEVANCE OF RECOVERY

DUPONT, G. [UNITED KINGDOM]

OP-BM01

Amphitheatre Havane

Biomechanics and Motor Control

Chair(s):

ABU ALIM, M. [JORDAN]

NAGAHARA, R. [JAPAN]

08:30 [YIA] OP-BM01-1

COMPARING COUNTERMOVEMENT JUMP FORCE PRODUCTION AFTER ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION TO PRE-INJURY PERFORMANCE USING STATISTICAL PARAMETRIC

MAPPING

DE FRANCA, C. ET AL [SOUTH AFRICA]

08:45 [YIA] OP-BM01-2

INFLUENCE OF FATIGUE AND COGNITIVE LOAD ON LANDING BIOMECHANICS IN HEALTHY AND CHRONIC ANKLE INSTABILITY PATIENTS

DURY, J. ET AL [FRANCE]

09:00 [YIA] OP-BM01-3

HUMAN FOOT MUSCLES STRENGTH AND ITS ASSOCIATION WITH ACCELERATION SPRINTING, CUTTING AND JUMPING PERFORMANCE KINETICS IN HIGH-LEVEL ATHLETES

TOURILLON, R. ET AL [FRANCE]

09:15 [YIA] OP-BM01-4

CAUSAL ROLE OF PREFRONTAL CORTEX IN MOTOR LEARNING AND COGNITIVE PROCESSING: A RANDOMIZED, DOUBLE-BLUNDED AND SHAM-CONTROLLED BRAIN STIMULATION STUDY

PRABHU, N. ET AL [GERMANY]

09:30 [YIA] OP-BM01-5

A NOVEL FRAMEWORK FOR THE ANALYSIS OF LINEAR ACCELERATION MECHANICS FOCUSING ON 'SHIN ROLL': HOW TO ROCK N ROLL?

OEPPELT, T.J. ET AL [GERMANY]

OP-AP31

341

Ageing and Training

Chair(s):

LEE, J. [KOREA, SOUTH]

ALCAZAR, J. [SPAIN]

08:30 OP-AP31-1

EFFECTS OF INSPIRATORY MUSCLE TRAINING AND NORDIC WALKING ON STRENGTH AND BALANCE: A PILOT STUDY

ROLDAN, A. ET AL [SPAIN]

08:45 OP-AP31-2

HIGH-VELOCITY RESISTANCE TRAINING IMPROVES THE FORCE-VELOCITY PROFILE OF MIDDLE-AGED AND OLDER ADULTS WITH AND WITHOUT

MOBILITY LIMITATION

SCHAUN, G.Z. ET AL [AUSTRIA]

09:00 OP-AP31-3

EFFECTS OF SPATIALLY EXPLORATIVE COGNITIVE-MOTOR TRAINING INTERVENTIONS IN NURSING HOME RESIDENTS ON LIFE SPACE MOBILITY AND SPATIAL ORIENTATION

FRICKE, M. ET AL [GERMANY]

09:15 OP-AP31-4

CAN WE PREDICT MAXIMAL HEART RATE IN OLDER ADULTS?

BOULAY, P. ET AL [CANADA]

09:30 OP-AP31-5

FIFTEEN YEARS OF NOCTURNAL HEART RATE VARIABILITY, A CASE STUDY OF A FOUR-TIME OLYMPIAN

HYNNEN, E. ET AL [FINLAND]

IS-SH05

342A

Virtual Reality Technologies for understanding and improving sports performance

Chair(s):

BIDEAU, B. [FRANCE]

ARTHUR, T. [UNITED KINGDOM]

KULPA, R. [FRANCE]

08:30 IS-SH05-1

USING VIRTUAL REALITY TO MEASURE PERCEPTION-ACTION DEFICITS POST-CONCUSSION

CRAIG, C. [UNITED KINGDOM]

08:55 IS-SH05-2

VR FOR VISUO-MOTOR SKILL LEARNING: REVOLUTION OR NEVERLUTION?

ARTHUR, T. [UNITED KINGDOM]

09:20 IS-SH05-3

VR FOR TRAINING PERCEPTUAL-MOTOR SKILLS OF BOXERS AND RELAY RUNNERS FOR PARIS 2024

OLYMPIC GAMES

KULPA, R. [FRANCE]

OP-PN01

342B

Molecular Biology and Biochemistry

Chair(s):

MORALES-ÁLAMO, D. [SPAIN]

SONG, Y. [KOREA, SOUTH]

08:30 [YIA] OP-PN01-1

HISTAMINE ORCHESTRATES AN EXERCISE-INDUCED INFLAMMATORY RESPONSE IN THE HUMAN SKELETAL MUSCLE MICROENVIRONMENT DRIVING GLYCOGEN RESYNTHESIS

VAN DER STEDE, T. ET AL [BELGIUM]

08:45 [YIA] OP-PN01-2

AMINO ACID TRANSPORTERS IN HUMAN SKELETAL MUSCLE ARE CHANGED WITH REGULAR STRENGTH TRAINING IN YOUNG AND OLD ADULTS

LANDER, E. [NORWAY]

09:00 [YIA] OP-PN01-3

INGESTION OF AN ANTI-LIPOLYTIC DRUG ALTERS WHOLE-BODY SUBSTRATE UTILISATION DURING BRISK WALKING EXERCISE IN OBESE INDIVIDUALS, BUT DOES NOT ALTER MUSCLE DIACYLGLYCEROL AND CERAMIDE CONCENTRATIONS

BARRETT, J.S. ET AL [UNITED KINGDOM]

09:15 [YIA] OP-PN01-4

DICLOFENAC DIFFERENTIALLY REGULATES MUSCLE MRNA EXPRESSION LINKED TO LIPID METABOLISM DURING RESISTANCE EXERCISE TRAINING IN HEALTHY VOLUNTEERS, BUT HAS NO IMPACT ON IMCL CONTENT

CHIVAKA, P.K. ET AL [UNITED KINGDOM]

09:30 [YIA] OP-PN01-5

PHYSICAL CONDITION AND ACTN3 RS1815739 AND TFAM RS1937 POLYMORPHISMS IN SPANISH CHILDREN. THE UP&DOWN STUDY

LIM, T. ET AL [SPAIN]

OP-AP32

343

Training and Testing: Running I

Chair(s):

MILLET, G. [FRANCE]

ESPADA, M. [PORTUGAL]

08:30 OP-AP32-1

EFFECTS OF A 7-DAY HIIT SHOCK MICROCYCLE WITH OR WITHOUT ADDITIONAL LOW-INTENSITY TRAINING ON MAXIMAL OXYGEN UPTAKE AND TIME TRIAL PERFORMANCE – RANDOMIZED CONTROLLED TRIAL

STREPP, T. ET AL [AUSTRIA]

08:45 OP-AP32-2

LACTATE THRESHOLD IN ELITE RACE WALKERS – DESCRIPTIVE STUDY OF DEVELOPMENT RATES AND ASSOCIATED TRAINING

WALTER, N. ET AL [GERMANY]

09:00 OP-AP32-3

THE EFFECT OF A SLEEP HYGIENE INTERVENTION ON COGNITIVE PERFORMANCE IN A 24H ULTRA-MARATHON RACE

BENCHETRI, S. ET AL [UNITED KINGDOM]

09:15 OP-AP32-4

EFFECTS OF NEUROMUSCULAR ELECTRICAL STIMULATION ON WINGATE TEST AND BLOOD LACTATE ACCUMULATION

TAKEDA, R. ET AL [JAPAN]

IS-MH01

351

The IOC Consensus Statement of Relative Energy Deficiency in Sports (REDs) - 2023 update

Chair(s):

MELIN, A. [SWEDEN]

TORSTVEIT, M. [NORWAY]

08:30 IS-MH01-1

ADVANCES IN THE FIELD OF REDS SCIENCE

KOEHLER, K. [GERMANY]

08:55 IS-MH01-2

THE NEW REDS CONCEPTUAL AND PHYSIOLOGICAL MODELS FOR HEALTH AND PERFORMANCE

BURKE, L. [AUSTRALIA]

09:20 IS-MH01-3

PREVENTION AND TREATMENT OF REDS

MELIN, A. [SWEDEN]

OP-MH06

352A

Obesity

Chair(s):

PRATS-PUIG, A. [SPAIN]

VERTEMATTI, S. [BRAZIL]

08:30 OP-MH06-1

EFFECTS OF HIGH INTENSITY INTERVAL TRAINING AND MODERATE INTENSITY CONTINUOUS TRAINING ON CARDIAC FUNCTION IN OBESE YOUNG WOMEN

LOPES, W.A. ET AL [BRAZIL]

08:45 OP-MH06-2

SERUM METABOLOME ADAPTATIONS ASSOCIATED WITH MUSCULAR STRENGTH FOLLOWING 12 WEEKS OF HIGH-INTENSITY INTERVAL TRAINING IN

OBESE OLDER ADULTS

YOUSSEF, L. ET AL [FRANCE]

09:00 OP-MH06-3

LEFT VENTRICULAR AND HEMODYNAMIC ADAPTATIONS FOLLOWING TWO WORKLOAD-MATCHED HIGH-INTENSITY INTERVAL TRAINING PROGRAMS WITH DIFFERENT BOUT DURATION IN OBESE MEN

BOGDANIS, G.C. ET AL [GREECE]

09:15 OP-MH06-4

EFFECTS OF TWO ISOENERGETIC HIGH INTENSITY INTERVAL TRAINING PROGRAMS (CYCLING VS RUNNING) ON FAT MASS LOSS AND GUT MICROBIOTA COMPOSITION IN MEN WITH OVERWEIGHT OR OBESITY.

COUVERT, A. ET AL [FRANCE]

09:30 OP-MH06-5

VERY LOW-VOLUME INTERVAL TRAINING IMPROVES TELOMERE LENGTH IN OBESE METABOLIC SYNDROME PATIENTS

RELJIC, D. ET AL [GERMANY]

OP-AP18

352B

Resistance Training Programmes

Chair(s):

CONDO, D. [AUSTRALIA]

JACOBS, S. [SOUTH AFRICA]

08:30 OP-AP18-1

EFFECTS OF TWO PERIODIZATION MODELS (LINEAR VS. NONLINEAR) ON MAXIMAL STRENGTH AND EXPLOSIVE STRENGTH PARAMETERS IN A GROUP OF YOUNG ADULT MALE VOLLEYBALL PLAYERS

MOUSSI, L. ET AL [LEBANON]

08:45 OP-AP18-2

CLUSTER ANALYSIS SHOWS NO SIGNIFICANT VARIATION IN TRAINING VOLUME VARIABLES ACROSS HYPERTROPHIC ADAPTATIONS IN TRAINED INDIVIDUALS

DE SOUZA, E. ET AL [UNITED STATES]

09:00

OP-AP18-3

LOAD-VELOCITY PROFILE ADAPTATIONS IN THE TRAINED AND UNTRAINED LEG AFTER RESISTANCE EXERCISE PROTOCOLS DIFFERING IN SET CONFIGURATION- THE CROSS-EDUCATION PHENOMENON.

RIAL-VÁZQUEZ, J. ET AL [SPAIN]

09:15 OP-AP18-4

IN-SEASON AUTOREGULATION OF ONE WEEKLY STRENGTH TRAINING SESSION MAINTAINS PHYSICAL PERFORMANCE IN PROFESSIONAL MALE FOOTBALL PLAYERS

BYRKJEDAL, P.T. ET AL [NORWAY]

OP-MH01

353

Physical Disabilities

Chair(s):

ESATBEYOGLU, F. [TURKEY]

DAVISON, G. [UNITED KINGDOM]

08:30 [YIA] OP-MH01-1

WHEELCHAIR PARA-ATHLETES MAY BE PROTECTED FROM POOR BONE HEALTH BY THE DEGREE OF IMPACT IN THEIR SPORT

RISVANG, L.C. ET AL [NORWAY]

08:45 OP-MH01-2

THERAPEUTIC BENEFITS OF ANKLE-FOOT PROSTHESES DURING DAILY ACTIVITIES: A SYSTEMATIC REVIEW

LATHOUWERS, E. ET AL [BELGIUM]

09:00 OP-MH01-3

PREDICTION OF INJURIES, TRAUMAS AND MUSCULOSKELETAL PAIN IN ELITE PARALYMPIC VOLLEYBALL PLAYERS

GAWEL, E. ET AL [POLAND]

09:15 OP-MH01-4

VALIDATION AND CROSS-SECTIONAL EXPLORATION OF A TEST PROTOCOL TO MEASURE ANAEROBIC AND AEROBIC POWER IN WHEELCHAIR ATHLETES

JANSSEN, R.J.F. ET AL [NETHERLANDS]

09:30 OP-MH01-5

IMPACT OF USING A RACKET DURING WHEELCHAIR BADMINTON PROPULSION.

ILONA, A. [FRANCE]

OP-AP42

315

Wearables and Apps

Chair(s):

ABT, G. [UNITED KINGDOM]

MACKINTOSH, K. [UNITED KINGDOM]

08:30 OP-AP42-1

ASSESSING REAL-WORLD MOVEMENT WITH CONSUMER-GRADE WEARABLE SENSORS: MEASURING SEGMENT ORIENTATIONS AND MOVEMENT QUALITY

SWAIN, T. ET AL [UNITED KINGDOM]

08:45 OP-AP42-2

PARAMETERS INFLUENCING THE ACCURACY OF A WRIST-PHOTOPLETHYSMOGRAPHY HEART RATE MONITOR (POLAR UNITE) DURING EXERCISE

BOSQUET, I. ET AL [FRANCE]

09:00 OP-AP42-3

VALIDITY OF A WEARABLE SENSOR FOR STROKE DETECTION IN YOUTH TENNIS PLAYERS

CUI, Y. ET AL [CHINA]

09:15 OP-AP42-4

SMART SWIM GOGGLES WITH AR DISPLAY ACCURATELY AND RELIABLY MEASURE SWIM PERFORMANCE METRICS IN RECREATIONAL SWIMMERS

EISENHARDT, D. ET AL [DENMARK]

OP-SH01

361

Mentoring and Coaching: Talent

Chair(s):

SPENCER, M. [NORWAY]

PETRIDIS, L. [HUNGARY]

08:30 [YIA] OP-SH01-1

APPROACHING THE COACH'S EYE – AN INTERVIEW STUDY ON EXPERT COACHES' BELIEFS AND EXPERIENCES REGARDING 'TALENT' AND PLAYER SELECTION IN TABLE TENNIS

KOPPMANN, T. ET AL [GERMANY]

08:45 OP-SH01-2

WHAT DOES IT TAKE TO MAKE THE TEAM ? ANALYZING THE TALENT IDENTIFICATION PROCESS IN COMPETITIVE ICE HOCKEY

LEMOYNE, J. ET AL [CANADA]

09:00 OP-SH01-3

A COMPARISON OF SELF-REPORTED AND HEART RATE-BASED TRAINING IN JUNIOR ENDURANCE ATHLETES.

DE MARTIN TOPRANIN, V. ET AL [NORWAY]

09:15 OP-SH01-4

SPORT-SPECIFIC TASKS AND GAME PERFORMANCE IN RELATION TO RELATIVE AGE AND BIOLOGICAL MATURITY IN TALENT SELECTION AMONG ADOLESCENT FEMALE HANDBALL PLAYERS

TRÓZNAI, ZS. ET AL [HUNGARY]

OP-AP05

362+363

Machine Learning (sponsored by Boost Innovation)

Chair(s):

EXEL, J. [AUSTRIA]

STEIN, T. [GERMANY]

08:30 OP-AP05-1

ILLNESS PREDICTION OF ELITE YOUTH SOCCER PLAYERS BASED ON BLOOD-BASED BIOMARKER DATA AND MACHINE LEARNING MODELS

KRANZINGER, S. ET AL [AUSTRIA]

08:45 OP-AP05-2

DIFFERENCES IN FUTURE SUCCESS AMONG PROFILES OF YOUTH ELITE SOCCER PLAYERS IN MULTIDIMENSIONAL PERFORMANCE ASSESSMENTS: A PERSON-ORIENTED APPROACH BASED ON DEEP LEARNING FACTOR AND CLUSTER ANALYSES

LEYHR, D. ET AL [GERMANY]

09:00 OP-AP05-3

PREDICTING FOOTBALL MATCH RESULT IN REAL-TIME BASED ON MACHINE LEARNING APPROACH

JIALE, W. ET AL [CHINA]

09:15 OP-AP05-4

EXPLORING THE EFFECT OF ARM SWING ON COUNTERMOVEMENT JUMP PERFORMANCE USING MACHINE LEARNING AND GROUND REACTION FORCE ANALYSIS

CHALITSIOS, C. ET AL [GREECE]

OP-PN27

Bar Arlequin

Energy Restriction and Weight Loss

Chair(s):

CANDOW, D. [CANADA]

COLLOMP, K. [FRANCE]

08:30 OP-PN27-1

RAPID WEIGHT LOSS BEHAVIOR IN JUDO ATHLETES: PREVALENCE, MAGNITUDE, AND METHODS.

SANTOS, D.F.C. ET AL [BRAZIL]

08:45 OP-PN27-2

EFFECTS OF THE FUEL INTERVENTION ON MENSTRUAL FUNCTION IN COMPETITIVE FEMALE ENDURANCE ATHLETES WITH RISK OF RELATIVE ENERGY DEFICIENCY IN SPORT

FAHRENHOLTZ, I.L. ET AL [NORWAY]

09:00 OP-PN27-3

ANALYSIS OF FOOD INTAKE DURING A 20-DAY EXPEDITION IN THE COLD

CHARLOT, K. [FRANCE]

09:15 OP-PN27-4

POSITIVE ASSOCIATION BETWEEN T3 AND RESTING ENERGY EXPENDITURE IN FEMALE CROSSFIT PRACTITIONERS: DOES IT PRECEDE THE FEMALE ATHLETE TRIAD? PRELIMINARY DATA FROM AN EXPLORATORY CROSS-SECTIONAL STUDY.

NAKAMOTO, F. ET AL [BRAZIL]

OP-SH24

313+314

Physical education and health

Chair(s):

SHIM, A. [UNITED STATES]

SOUZA, H. [BRAZIL]

08:30 OP-SH24-1

MODELING SPORTS-RELATED HEALTH COMPETENCE FOR PHYSICAL EDUCATION

HINTERESCH, S. [GERMANY]

08:45 OP-SH24-2

DIFFERENCES BETWEEN YOUNG CHILDREN'S ACTUAL AND PERCEIVED MOTOR COMPETENCE REGARDING SKILL PERFORMANCES ON LAND VERSUS IN WATER: A CROSS-SECTIONAL STUDY

DHONDT, E. ET AL [BELGIUM]

09:00 OP-SH24-3

ASSOCIATIONS OF REGULAR PHYSICAL ACTIVITY WITH PHYSIOLOGICAL AND PSYCHOLOGICAL STRESS REACTIVITY IN CHILDREN AGED 10-13 YEARS

HANKE, M. ET AL [SWITZERLAND]

09:15 OP-SH24-4

EXPLORING LINGUISTIC DIMENSIONS THROUGH EXPLORATORY CIRCUS ASSIGNMENTS IN PHYSICAL EDUCATION

LINDBERG, M. [SWEDEN]

09:30 OP-SH24-5

PHYSICAL LITERACY IN GERMAN CHILDREN

KNISEL, E. ET AL [GERMANY]

Wednesday, 5 July

10:00 - 11:15

IS-PN05

Amphitheatre Bordeaux

Movement as Mitochondrial Medicine: new insights from traditional mitochondrial measures and the latest 'omic' techniques

Chair(s):

BISHOP, D. [AUSTRALIA]

NICOL, C. [FRANCE]

10:00 IS-PN05-1

MOLECULAR REGULATION OF MITOCHONDRIAL ADAPTATIONS TO EXERCISE

ZIERATH, J. [SWEDEN]

10:25 IS-PN05-2

THE EFFECTS OF DIFFERENT TYPES OF EXERCISE ON MITOCHONDRIAL ADAPTATIONS

DAUSSIN, F. [FRANCE]

10:50 IS-PN05-3

USING OMICS TO UNDERSTAND MITOCHONDRIAL ADAPTATIONS TO DIFFERENT TYPES OF EXERCISE

BISHOP, D. [AUSTRALIA]

OP-AP43

Amphitheatre Havane

Paralympics

Chair(s):

ESATBEYOGLU, F. [TURKEY]

AUGUSTOVICOVA, D. [SLOVAKIA]

10:00 OP-AP43-1

PACING PROFILE BY CLASSIFICATION IN ELITE

PARACYCLING

LE TOQUIN, B. ET AL [FRANCE]

10:15 OP-AP43-2

HOW TO BE A FINALIST IN THE 3-POSITION RIFLE EVENT IN PARA-SHOOTING?

SCHIPMAN, J. ET AL [FRANCE]

10:30 OP-AP43-3

KATA SELECTION OF INTELLECTUALLY IMPAIRED ATHLETES AT THE TOP-LEVEL PARA-KARATE COMPETITIONS

AUGUSTOVICOVA, D. ET AL [SLOVAKIA]

10:45 OP-AP43-4

IMPACT OF CAMBER ON REAR WHEEL KINETICS FOR MWC SPORTS

FRITSCH, C. ET AL [FRANCE]

OP-AP01

341

Training and Testing: Running II

Chair(s):

SPERLICH, B. [GERMANY]

SANTOS-CONCEJERO, J. [SPAIN]

10:00 [YIA] OP-AP01-1

SAME-DAY RECOVERY FOLLOWING MODERATE INTENSITY EXERCISE IS NOT IMPACTED BY HOT-OR COLD-WATER IMMERSION POST EXERCISE IN TRAINED RUNNERS

MENZIES, C. [UNITED KINGDOM]

10:15 [YIA] OP-AP01-2

STRENGTH TRAINING IMPROVES TIME TO EXHAUSTION SUBSEQUENT TO A PROLONGED RUN IN WELL-TRAINED MALE ENDURANCE RUNNERS: A RANDOMISED CONTROL TRIAL

ZANINI, M. ET AL [UNITED KINGDOM]

10:30 [YIA] OP-AP01-3

THE EFFECT OF XC-RUNNING RACE LIDINGÖLLOPET ON RUNNING ECONOMY AND DETERMINANTS OF PERFORMANCE

RAPP, E. ET AL [SWEDEN]

10:45 [YIA] OP-AP01-4
"WHY I MONITOR": WORLD-CLASS ENDURANCE COACHES' PERSPECTIVES OF ATHLETE MONITORING
TIMMERMAN, W. ET AL [AUSTRALIA]

11:00 [YIA] OP-AP01-5
SEX INFLUENCE ON MUSCLE INFLAMMATION AND FUNCTIONAL RECOVERY AFTER RUNNING-INDUCED MUSCLE DAMAGE
MACCHI, R. ET AL [FRANCE]

OP-PN02

342A

Physiology: Fatigue I

Chair(s):
HUREAU, T. [FRANCE]
DRISS, T. [FRANCE]

10:00 [YIA] OP-PN02-1
WHICH FEATURES INFLUENCE MENTAL FATIGUE RESISTANCE? A PRELIMINARY ANALYSIS USING PERFORMANCE DETERMINING FACTORS
HABAY, J. ET AL [BELGIUM]

10:15 [YIA] OP-PN02-2
EFFECTS OF INSPIRATORY MUSCLE FATIGUE ON EXERCISE PERFORMANCE IN YOUNG AND MASTER ATHLETES
MONS, V. ET AL [FRANCE]

10:30 OP-PN02-3
IMPACT OF SINGLE AND INTERMITTENT/ PROLONGED HOT-WATER IMMERSIONS ON SKELETAL MUSCLE FORCE AND FATIGABILITY IN YOUNG MALES
CHAILLOU, T. ET AL [SWEDEN]

10:45 OP-PN02-4
EFFECTS OF REPEATED CRYOSTIMULATION ON SLEEP QUALITY OF ELITE SWIMMERS DURING AN INTENSE TRAINING PERIOD.
ARC-CHAGNAUD, C. ET AL [FRANCE]

11:00 OP-PN02-5
EXPLORING THE NEUROPHYSIOLOGICAL IMPACT OF MENTAL FATIGUE ON STRENGTH ENDURANCE: UNCOVERING THE ROLE OF MOVEMENT-RELATED CORTICAL POTENTIALS
PROOST, M. ET AL [BELGIUM]

OP-BM15

342B

Neuromuscular Physiology: Central and/ or spinal drive I

Chair(s):
MARTIN, V. [FRANCE]
BAUDRY, S. [BELGIUM]

10:00 OP-BM15-1
IPSI- AND CONTRALATERAL EFFECTS OF AN ACUTE BOUT OF LOCAL TENDON VIBRATION ON BILATERAL H-REFLEX EXCITABILITY
LAUBER, B. ET AL [SWITZERLAND]

10:15 OP-BM15-2
IMPAIRED NEUROMUSCULAR JUNCTION TRANSMISSION AND MOTOR UNITS LOSS PRECEDE SARCOPENIA AND CONTRIBUTE TO THE LOSS OF MUSCLE FUNCTION IN OLD AGE
SARTO, F. ET AL [ITALY]

10:30 OP-BM15-3
ON THE MODULATION OF HOFFMANN'S REFLEX FROM SEATED TO UPRIGHT STANDING ACROSS LIFESPAN
THEODOSIADOU, A. ET AL [BELGIUM]

10:45 OP-BM15-4
RETICULOSPINAL TRACT FUNCTION IN TRAINED AND UNTRAINED INDIVIDUALS; A CROSS-SECTIONAL ANALYSIS
ATKINSON, E. ET AL [UNITED KINGDOM]

11:00 OP-BM15-5
ACUTE CONTRALATERAL EFFECTS OF ECCENTRIC AND CONCENTRIC RESISTANCE EXERCISE ON THE NEUROMUSCULAR FUNCTION OF THE ELBOW FLEXORS IN HEALTHY INDIVIDUALS
VALDÉS, O. ET AL [CHILE]

OP-AP20

343

Training and Testing: Racket Sports

Chair(s):
CHADEFAUX, D. [FRANCE]
VINCZE, A. [ROMANIA]

10:00 OP-AP20-1
IMPACT OF SPRINT MECHANICAL PARAMETERS ON ELITE JUNIOR TENNIS PERFORMANCE
VOLK, N.R. ET AL [GERMANY]

10:15 OP-AP20-2
DEVELOPMENT OF UPPER AND LOWER EXTREMITY FUNCTIONAL ASYMMETRIES IN MALE AND FEMALE ELITE YOUTH TENNIS PLAYERS: A LONGITUDINAL STUDY
CHAPPELLE, L. ET AL [BELGIUM]

10:30 OP-AP20-3
APPLICATION OF VIDEO ANALYSIS TO THE MEASUREMENT OF REACTION TIME IN HIGH-LEVEL TENNIS COMPETITION
ANNINO, G. ET AL [ITALY]

10:45 OP-AP20-4
COMPARISON OF ANTHROPOMETRIC, PHYSICAL PERFORMANCE AND MOTOR ABILITY AMONG SELECTED AND NON-SELECTED JUNIOR BADMINTON PLAYER IN MALAYSIA.
TENGGU KAMALDEN, T.F. ET AL [MALAYSIA]

IS-EX01

351

ACSM-ECSS exchange: Contemporary Approaches to Sport Injury Rehabilitation – "Imparting Creativity and Ingenuity to Push Against the Accepted Norms"

Chair(s):
MEEUSEN, R. [BELGIUM]
10:00 IS-EX01-1
INJURY PREVENTION DOES NOT WORK
VERHAGEN, E. [NETHERLANDS]

10:05 IS-EX01-2
DE-ICED: WEANING SPORTS HEALTH CARE PROFESSIONALS OFF THEIR DEPENDENCY ON REST-ICE-COMPRESSION 2023 AND BEYOND!
KAMINSKI, T. [UNITED STATES]

OP-BM06

352A

Balance and posture I

Chair(s):
SHIM, A. [UNITED STATES]
ZEMKOVA, E. [SLOVAKIA]

10:00 OP-BM06-1
SPORT DEPENDENT EFFECTS ON THE MULTISENSORY BALANCE INTEGRATION DURING UPRIGHT POSTURE: A COMPARISON BETWEEN PROFESSIONAL HORSEBACK RIDERS, JUDOKAS AND NON-ATHLETES.
VISEU, J. ET AL [FRANCE]

10:15 OP-BM06-2
ASSESSMENT OF VISUAL SENSORY REWEIGHTING IN STANDING BALANCE USING VIRTUAL REALITY
ASSLÄNDER, L. ET AL [GERMANY]

10:30 OP-BM06-3
INTERACTION OF MOTOR AND COGNITIVE FUNCTIONS RELEVANT TO DUAL TASK COSTS

ARE RELATED WITH AUTOMATICITY OF POSTURAL CONTROL
CESNAITIENE, V.J. ET AL [LITHUANIA]

10:45 OP-BM06-4
IMPROVED POSTURAL CONTROL IN THE ELDERLY AFTER BALANCE TRAINING IS RELATED TO A REDUCTION IN PREFRONTAL HEMODYNAMIC ACTIVITY
LEHMANN, N. ET AL [GERMANY]

11:00 OP-BM06-5
MOTOR CORTICAL CONTROL DURING DUAL-TASK PERFORMANCE
TOKUNO, C. ET AL [CANADA]

OP-MH02

352B

Health and Fitness: Ageing I

Chair(s):
PIZARRO, A. [PORTUGAL]
NOSAKA, K. [AUSTRALIA]

10:00 [YIA] OP-MH02-1
LONGITUDINAL CHANGES IN LIFE-SPACE MOBILITY AND AUTONOMY IN PARTICIPATION OUTDOORS AMONG FINNISH COMMUNITY-DWELLING OLDER ADULTS FROM PRE-COVID-19 TO THROUGH THE PANDEMIC

10:05 [YIA] OP-MH02-2
LOW RELATIVE SIT-TO-STAND POWER IS ASSOCIATED WITH THE DEVELOPMENT OF FRAILTY, DISABILITY, AND COGNITIVE IMPAIRMENT IN OLDER PEOPLE: A 6-YEAR LONGITUDINAL STUDY
GARCIA-AGUIRRE, M. ET AL [SPAIN]

10:30 [YIA] OP-MH02-3
A SINGLE BOUT OF BLOOD FLOW RESTRICTION TRAINING AND ACCENTUATED ECCENTRIC-ONLY TRAINING AFFECT DIFFERENT COGNITIVE FUNCTION SUBDOMAINS IN OLDER ADULTS: PRELIMINARY RESULTS FROM THE BRAIN-M TRIAL
VINTS, W.A.J. ET AL [LITHUANIA]

Invited & Oral/YIA Presentations

10:45 **OP-MH02-4**
EFFECTS OF ONCE- VERSUS TWICE-WEEKLY MULTI-JOINT ECCENTRIC EXERCISE ON LOWER-LIMB MUSCLE FUNCTION AND STRUCTURE IN OLDER ADULTS
BAXTER, B.A. ET AL [UNITED KINGDOM]

11:00 **OP-MH02-5**
A WEIGHT-BEARING STAIR-CLIMBING EXERCISE PROGRAM IS NOT INFERIOR TO MACHINE-BASED RESISTANCE TRAINING FOR IMPROVEMENTS IN MUSCLE POWER AND FUNCTIONAL CAPACITY AMONG OLDER ADULTS
VAN ROIE, E. ET AL [BELGIUM]

OP-MH07

353
Cardiovascular disease/Stroke (incl. ESSA-ECSS Exchange)
Chair(s):
TSOUTSOUBI, L. [SLOVENIA]
FORJAZ, C. [BRAZIL]

10:00 **OP-MH07-1**
ESSA-ECSS EXCHANGE: FEASIBILITY AND SAFETY OF EARLY-INITIATED CARDIAC REHABILITATION IN STROKE SURVIVORS TO IMPROVE SURVIVORSHIP (CRISSIS)
MACHADO, N. ET AL [AUSTRALIA]

10:15 **OP-MH07-2**
STROKE-HEART SYNDROME: SEX-SPECIFIC INCIDENCE AND RISK FACTORS FOR MAJOR ADVERSE CARDIOVASCULAR EVENTS IN 682,203 PATIENTS WITH ISCHAEMIC STROKE
BUCKLEY, B.J.R. ET AL [UNITED KINGDOM]

10:30 **OP-MH07-3**
INVESTIGATING THE DOSE RESPONSE RELATIONSHIP BETWEEN PHYSICAL ACTIVITY AND STROKE BETWEEN NORM- AND HYPERTENSIVE (MEDICATED AND NON-MEDICATED) SUBJECTS: A COHORT STUDY AMONG 140,000 ADULTS.
MCLELLAN, H. ET AL [UNITED KINGDOM]

10:45 **OP-MH07-4**
CARDIOPROTECTIVE EFFECT OF INTRADIALYTIC EXERCISE ON LEFT ATRIAL MECHANICS.
MAUFRAIS, C. ET AL [FRANCE]

11:00 **OP-MH07-5**
THE ASSOCIATIONS BETWEEN THE UNHEALTHY BODY WEIGHT AND PHYSICAL FITNESS OF THE ELDERLY IN CHINA: A CROSS-SECTIONAL STUDY
CHAOQUN, F. [CHINA]

OP-AP11

315
Statistics: Challenges and Applications
Chair(s):
ABU ALIM, M. [JORDAN]
SCHWENKREIS, F. [GERMANY]

10:00 **OP-AP11-1**
ATTITUDES TOWARDS AND PERCEPTION OF REPRODUCIBILITY AND REPLICABILITY IN SPORTS AND EXERCISE SCIENCE
MURPHY, J. ET AL [IRELAND]

10:15 **OP-AP11-2**
DE NOVO ANALYTICAL FRAMEWORK ON COMPUTATIONAL EXERCISE PHYSIOLOGY VIA DYNAMICAL MODELING AND AI ALGORITHMS
TAO, K. ET AL [CHINA]

10:30 **OP-AP11-3**
ESTIMATING THE INTENSITY WORKOUT USING AN HIDDEN MARKOV MODEL AND THE IMPACT OF MENSTRUAL CYCLES
STORME, F. ET AL [FRANCE]

10:45 **OP-AP11-4**
DETERMINANTS OF PERFORMANCE IN ELITE FENCING: A DELPHI STUDY OF FOIL, EPEE, AND SABER INTERNATIONAL LEVEL COACHES.
VARESCO, G. ET AL [FRANCE]

11:00 **OP-AP11-5**
ADVANCED MODELING IN SPORTS SCIENCES: THE STUDY CASE OF EXERCISE-INDUCED HYPOXEMIA

BOUDRY, F. ET AL [FRANCE]

OP-SH05

361
Emotion
Chair(s):
LANE, A. [UNITED KINGDOM]
TEIXEIRA, D. [PORTUGAL]

10:00 **OP-SH05-1**
INFLUENCE OF RESPIRATORY FREQUENCY OF SLOW-PACED BREATHING ON CARDIAC VAGAL ACTIVITY IN ATHLETES
LABORDE, S. ET AL [GERMANY]

10:15 **OP-SH05-2**
NONVERBAL BEHAVIOR AND EMOTIONS IN THE CONTEXT OF SPORTS
FURLEY, P. [GERMANY]

10:30 **OP-SH05-3**
EFFECTS OF A PHYSICALLY CHALLENGING ADVENTURE PROGRAMME ON GENERAL SELF-EFFICACY AND RESILIENCE: RANDOMISED CONTROLLED TRIAL
TYNE, W. ET AL [UNITED KINGDOM]

10:45 **OP-SH05-4**
SYSTEMATIC REVIEW OF CHOKING UNDER PRESSURE IN MOTOR PERFORMANCE
CHAREYRE, L. ET AL [FRANCE]

OP-AP06

362+363
Modelling Sport Specific Performance
Chair(s):
HOELBLING, D. [AUSTRIA]
HADDAD, M. [QATAR]

10:00 **OP-AP06-1**
HOW WINNING TEAMS KICK FOR SUCCESS IN

RUGBY UNION: A BIG DATA APPROACH
SCOTT, G.A. ET AL [UNITED KINGDOM]

10:15 **OP-AP06-2**
FACTORS INFLUENCING IN-GAME PLAYER ACTIVITY IN RUGBY LEAGUE: A NEW APPROACH
WATSON, N. ET AL [SOUTH AFRICA]

10:30 **OP-AP06-3**
SCORING PERFORMANCE OF THE THREE PHASES IN TABLE TENNIS
CHANG, M.H. ET AL [TAIWAN]

10:45 **OP-AP06-4**
AUTOMATIC QUANTIFICATION OF DISPLACEMENT AND RING GENERALSHIP DURING HIGH-LEVEL ELITE BOXING COMPETITIONS.
SCHORTGEN, A. ET AL [FRANCE]

11:00 **OP-AP06-5**
QUANTIFYING AND CHARACTERIZING PUNCHES IN ELITE BOXING MATCHES DURING AN OFFICIAL COMPETITION
SAULIERE, G. ET AL [FRANCE]

OP-PN24

Bar Arlequin
Nutrition I
Chair(s):
OIKAWA, S. [CANADA]
VERTEMATTI, S. [BRAZIL]

10:00 **OP-PN24-1**
PERCEPTIONS AND PRACTICES REGARDING DIETARY SUPPLEMENTS OF NUTRITIONISTS WORKING WITH ELITE SOCCER CLUBS
OLIVEIRA, C.B. ET AL [PORTUGAL]

10:15 **OP-PN24-2**
REVIEW OF FOOD PROVISION FOR ATHLETES COMPETING AT THE TOKYO 2020 OLYMPIC AND PARALYMPIC GAMES
PELLEY, F. ET AL [AUSTRALIA]

10:30 **OP-PN24-3**
THE COMPLIANCE TO COVID-19 FOOD SERVICE

SAFETY GUIDELINES BY CATERERS AT THE TOKYO 2020 SUMMER AND BEIJING 2022 WINTER OLYMPIC AND PARALYMPIC GAMES
DUFOUR, A.C. ET AL [CANADA]

10:45 **OP-PN24-4**
EFFECT OF SUPERVISED NUTRITION EDUCATION PROGRAMME ON ELITE ATHLETES DURING PREPARATION OF MAJOR GAMES
HAN, Q. ET AL [CHINA]

11:00 **OP-PN24-5**
WADA MONITORING PROGRAM SUBSTANCES-CONTAINING DIETARY SUPPLEMENTS MIGHT CAUSE UNINTENTIONAL DOPING OR HEALTH RISK
SZILÁGYI-UTCZÁS, M. ET AL [HUNGARY]

OP-SH23

313+314
Sociology (mixed)
Chair(s):
PENG, B. [HONG KONG]
AERENHOUTS, D. [BELGIUM]

10:00 **OP-SH23-1**
PHYSICAL EXERCISES OF CHINESE OLDER ADULTS AND SOCIAL PARTICIPATION: HEALTH PROMOTION AND NETWORK EXPANSION
FUBAIHUI, W. [CHINA]

10:15 **OP-SH23-2**
THE INFLUENCE OF SPORT CLIMBING JOINING THE OLYMPIC GAMES ON THE FINANCIAL SITUATION OF THE INTERNATIONAL FEDERATION OF SPORT CLIMBING AND ITS IMPLICATIONS
LIU, Y.D. ET AL [CHINA]

10:30 **OP-SH23-3**
TRANSFORMING EQUESTRIAN SPORTS TO A MORE ENVIRONMENTALLY JUST ACTIVITY
THORELL, G. ET AL [SWEDEN]

Wednesday, 5 July

11:30 - 12:45

IS-AP02

Amphitheatre Bordeaux

Supporting female athletes through pregnancy and postpartum

Chair(s):

MCGAWLEY, K. [SWEDEN]

MARTHA, C. [FRANCE]

11:30 IS-AP02-1

INITIATING THE MOTHER-ATHLETE ROLE: DILEMMAS AND OPPORTUNITIES

MCGAWLEY, K. [SWEDEN]

11:55 IS-AP02-2

RAISING THE BAR: EXERCISE RECOMMENDATIONS FOR PREGNANT ATHLETES

DAVENPORT, M. [CANADA]

12:20 IS-AP02-3

MAKING IT WORK: A CASE STUDY OF AN ELITE ATHLETE NAVIGATING HER WAY THROUGH PREGNANCY AND RETURN TO SPORT POSTPARTUM

HAYMAN, M. [AUSTRALIA]

IS-BM03

Amphitheatre Havane

Muscle shape change and 3-D fascicle behaviour in skeletal muscles: An emerging picture of dynamic muscle contraction

Chair(s):

BLAZEVIČ, A. [AUSTRALIA]

DOREL, S. [FRANCE]

11:30 IS-BM03-1

DETERMINANTS AND MECHANICAL CONSEQUENCES OF SKELETAL MUSCLE SHAPE CHANGE

ROSS, S. [CANADA]

11:55 IS-BM03-2

THE EFFECT OF FATIGUE ON SKELETAL MUSCLE GEARING DURING CONCENTRIC AND ECCENTRIC CONTRACTIONS

BLAZEVIČ, A. [AUSTRALIA]

12:20 IS-BM03-3

INFLUENCE OF MUSCLE SHAPE CHANGES ON THE METABOLIC AND MECHANICAL DEMANDS OF HUMAN MOVEMENTS

MONTE, A. [ITALY]

OP-AP07

341

Modelling Endurance Performance

Chair(s):

HOOS, O. [GERMANY]

LEE, D. [HONG KONG]

11:30 OP-AP07-1

OPTIMAL MODELING AND ANALYSIS OF PACE STRATEGY FOR WOMENS 20KM RACE WALKERS

QIAO, H. ET AL [CHINA]

11:45

OP-AP07-2

PREDICTING HEART RATE AT LACTATE THRESHOLDS USING MACHINE LEARNING
OUTWIN, J.R. ET AL [UNITED STATES]

12:00

OP-AP07-3

TOWARD AN INDIVIDUALIZED APPROACH TO COMPARE 1D TIME SERIES

RAO, G. ET AL [FRANCE]

12:15

OP-AP07-4

PHYSICAL FITNESS COMPARISON ANALYSIS IN ADOLESCENT ATHLETES USING MACHINE LEARNING : TRACK AND FIELD, FOOTBALL AND SWIMMING

LEE, Y. ET AL [KOREA, SOUTH]

12:30

OP-AP07-5

FOUR-YEAR LONGITUDINAL ASSESSMENT OF MODIFIABLE AND NON-MODIFIABLE RISK FACTORS FOR BONE STRESS INJURIES IN INTERCOLLEGIATE DISTANCE RUNNERS

KOZLOFF, K. ET AL [UNITED STATES]

OP-AP33

342A

Long Distance Running

Chair(s):

BIZJAK, D. [GERMANY]

BOULLOSA, D. [SPAIN]

11:30

OP-AP33-1

THE TRAINING INTENSITY DISTRIBUTION OF 119,747 MARATHON RUNNERS

MUNIZ-PUMARES, D. ET AL [UNITED KINGDOM]

11:45

OP-AP33-2

TRAINING FOR OLYMPIC GOLD IN ENDURANCE SPORTS: VIEWS FROM SUCCESSFUL COACHES
SANDBAKK, Ø. ET AL [NORWAY]

12:00

OP-AP33-3

SYSTEMATIC REVIEW OF 92 MARATHON TRAINING PLANS

APPELHANS, D. ET AL [GERMANY]

12:15

OP-AP33-4

THE RELATIONSHIP BETWEEN THE MODERATE-HEAVY BOUNDARY AND CRITICAL SPEED IN RUNNING

HUNTER, B. ET AL [UNITED KINGDOM]

12:30

OP-AP33-5

VALIDATION OF END OF SESSION DISTANCE LIMIT BALANCE FOR DIFFERENTIATING EXHAUSTIVE AND NON-EXHAUSTIVE INTERMITTENT TRAINING SESSIONS IN RUNNERS

BELLENGER, C. [AUSTRALIA]

OP-PN03

342B

Physiology and Ageing

Chair(s):

HILL, C. [UNITED KINGDOM]

SOUZA, H. [BRAZIL]

11:30

[YIA] OP-PN03-1

A POTENTIAL MECHANISM FOR THE PROTECTIVE EFFECTS OF EXERCISE ON NEUROMUSCULAR FUNCTION WITH AGEING

SOENDENBROE, C. ET AL [DENMARK]

11:45

[YIA] OP-PN03-2

LOWER LIMB HYPERTHERMIA SIMILARLY AUGMENTS FUNCTIONAL HYPERAEMIA DURING KNEE-EXTENSOR EXERCISE IN TRAINED ELDERLY AND YOUNG HUMANS

KOCH ESTEVES, N. ET AL [UNITED KINGDOM]

12:00

[YIA] OP-PN03-3

ENDURANCE TRAINING COUNTERACTS AGE-RELATED FUNCTIONAL AND STRUCTURAL ALTERATIONS OF NEUROMUSCULAR JUNCTION IN MICE

YAMAGUCHI, T. ET AL [JAPAN]

12:15

OP-PN03-4

AGE-DEPENDENT CEREBRAL BLOOD FLOW RESPONSES TO ACUTE CONCURRENT PHYSICAL AND COGNITIVE ACTIVITY

MCCARTHY, V. ET AL [AUSTRALIA]

OP-AP02

343

Training and Testing: Team sports

Chair(s):

DELLO IACONO, A. [UNITED KINGDOM]

ZEMKOVA, E. [SLOVAKIA]

11:30

[YIA] OP-AP02-1

SUBMAXIMAL FITNESS TEST IN TEAM SPORTS: A SYSTEMATIC REVIEW AND META-ANALYSIS OF EXERCISE HEART RATE MEASUREMENT PROPERTIES

SHUSHAN, T. ET AL [AUSTRALIA]

11:45

[YIA] OP-AP02-2

MAXIMIZING PHYSICAL PERFORMANCE IN FEMALE HANDBALL PLAYERS DURING THE COMPETITIVE SEASON: THE IMPACT OF HIGH-LOAD STRENGTH TRAINING VERSUS POWER-PLYOMETRIC TRAINING

VÅRVIK, F.T. ET AL [NORWAY]

12:00

OP-AP02-3

AN EVALUATION OF THE FACTORS PREDICTING TOTAL ATHLETIC ABILITY VIA ENERGETIC MODELLING OF A SINGLE-VISIT, OVERGROUND ASSESSMENT OF THE SPEED- AND POWER-DURATION RELATIONSHIP IN TEAM SPORTS PLAYERS

VASSALLO, C. ET AL [UNITED KINGDOM]

12:15

OP-AP02-4

THE RELATIONSHIP BETWEEN SPECIFIC GAME-BASED AND GENERAL PERFORMANCE IN YOUNG ADULT ELITE MALE TEAM HANDBALL PLAYERS

WAGNER, H. ET AL [AUSTRIA]

12:30

OP-AP02-5

CONSTRUCT VALIDITY OF A NEW DECREASING RECOVERY INTERMITTENT RUNNING TEST IN SOCCER

BENEDETTI, L. ET AL [ITALY]

OP-GSSI

351

GSSI

Chair(s):

11:30 [YIA] OP-GSSI-1

SHORT-TERM LOW ENERGY AVAILABILITY DOWN-REGULATES CIRCULATING TRIIODOTHYRONINE AND BONE FORMATION MARKERS IN MALES, WHILST SKELETAL MUSCLE PROTEIN SYNTHESIS IS PRESERVED.

TAYLOR, H.L. ET AL [UNITED KINGDOM]

11:45 [YIA] OP-GSSI-2

INGESTION OF MYCOPROTEIN, PEA PROTEIN OR THEIR BLEND SUPPORT COMPARABLE POST-EXERCISE MYOFIBRILLAR PROTEIN SYNTHESIS RATES IN RESISTANCE TRAINED INDIVIDUALS.

WEST, S. [UNITED KINGDOM]

12:00 [YIA] OP-GSSI-3

NUTRITIONAL AND PHYSIOLOGICAL DETERMINANTS OF PEAK FAT OXIDATION IN MODERATELY TRAINED MEN

TARRY, E.K. ET AL [DENMARK]

12:15 OP-GSSI-4

THE EFFECT OF COMBINED JUMP TRAINING AND COLLAGEN SUPPLEMENTATION ON BONE MINERAL DENSITY IN MALE AND FEMALE ELITE CYCLISTS

HILKENS, L. ET AL [NETHERLANDS]

12:30 OP-GSSI-5

PERI-EXERCISE L-CITRULLINE SUPPLEMENTATION REDUCED EXOGENOUS GLUCOSE UTILISATION, WITHOUT ALTERING ENDURANCE PERFORMANCE OR GASTROINTESTINAL DAMAGE IN MALE CYCLISTS

REYNOLDS, K.M. ET AL [UNITED KINGDOM]

OP-BM16

352A

Neuromuscular Physiology: Central and/or spinal drive II

Chair(s):

MARTIN, V. [FRANCE]

ANGIUS, L. [UNITED KINGDOM]

11:30 OP-BM16-1

MOTOR UNIT MODULATION PARTLY EXPLAINS THE REPEATED BOUT PHENOMENON

HAYMAN, O. ET AL [UNITED KINGDOM]

11:45 OP-BM16-2

THE REDUCTION IN H-REFLEX AFTER SHORT MAXIMAL ISOMETRIC CONTRACTIONS IS MEDIATED BY PRESYNAPTIC INHIBITION MECHANISMS

KALC, M. [SLOVENIA]

12:00 OP-BM16-3

TRANSCUTANEOUS SPINAL CORD STIMULATION: PHYSIOLOGICAL SIMILARITIES WITH NERVE STIMULATION CONCERNING THE HPAD PHENOMENON

SORDET, J. ET AL [FRANCE]

OP-PN22

352B

HIT – Interval Training

Chair(s):

SPERLICH, B. [GERMANY]

WIESINGER, H. [AUSTRIA]

11:30 OP-PN22-1

TWELVE WEEKS OF SPRINT INTERVAL TRAINING INCREASES PEAK OXYGEN UPTAKE BUT NOT PEAK CARDIAC OUTPUT IN MALES AND FEMALES

BOSTAD, W. ET AL [CANADA]

11:45

OP-PN22-2

HIGH-INTENSITY INTERVAL TRAINING IMPROVES MITOCHONDRIAL FUNCTION SIMILARLY TO MODERATE-INTENSITY CONTINUOUS TRAINING BUT WITH BETTER ENHANCEMENTS IN VO2PEAK AND INSULIN SENSITIVITY IN TYPE 2 DIABETES

CORRAL-PÉREZ, J. ET AL [SPAIN]

12:00 OP-PN22-3

ACUTE PHYSIOLOGICAL RESPONSES TO EFFORT-MATCHED HIGH INTENSITY INTERVAL TRAINING WITH AND WITHOUT BLOOD-FLOW RESTRICTION IN WELL-TRAINED CYCLISTS

SAUVÉ, B.A.J.M. ET AL [NORWAY]

12:15 OP-PN22-4

EFFECT OF EIGHT-WEEK SPRINT INTERVAL TRAINING ON THE LOCAL MUSCLE OXYGEN METABOLISM AND AEROBIC CAPACITY OF ELITE FEMALE BADMINTON PLAYERS

LI, Q. ET AL [CHINA]

OP-BM21

353

Methodological aspects

Chair(s):

OLIVEIRA, L. [BRAZIL]

SCHAUN, G. [AUSTRIA]

11:30 OP-BM21-1

EFFECT OF DYNAMIC ONSET THRESHOLD ON THE RATE OF FORCE DEVELOPMENT. A NEW PARADIGM.

STAFILDIS, S. ET AL [AUSTRIA]

11:45 OP-BM21-2

AUTOMATED ANALYSIS OF MUSCLE ARCHITECTURE FROM B-MODE ULTRASONOGRAPHY IMAGES USING THE DL_TRACK SOFTWARE

RITSCH, P. ET AL [SWITZERLAND]

12:00 OP-BM21-3

RELIABILITY OF A NOVEL SIMPLE METHOD FOR ULTRASOUND EXTENDED-FIELD-OF-VIEW IMAGES

BUNDSCHUH, L. ET AL [AUSTRIA]

12:15 OP-BM21-4

ESTIMATING FASCICLE LENGTH FROM B-MODE ULTRASOUND IMAGES NEEDS RECONSIDERATION BEFORE COMMITTING TO AUTOMATED TRACKING ALGORITHMS

BISSAS, A. ET AL [UNITED KINGDOM]

12:30 OP-BM21-5

RELIABILITY AND MEASUREMENT ERROR OF A MAXIMAL VOLUNTARY TOE PLANTARFLEXION MEASUREMENT PROCESS

ROMA, E. ET AL [FRANCE]

OP-MH03

315

Physiotherapy I

Chair(s):

GUO, L. [TAIWAN]

SOYLU, Ç. [TURKEY]

11:30 [YIA] OP-MH03-1

LOW-LOAD BLOOD FLOW RESTRICTION TRAINING AND HEAVY SLOW RESISTANCE TRAINING IMPROVE CLINICAL OUTCOMES EQUALLY IN MALES WITH UNILATERAL PATELLAR TENDINOPATHY – A RANDOMIZED CONTROLLED TRIAL

HJORTSHØJ, M.H. ET AL [DENMARK]

11:45 [YIA] OP-MH03-2

ULTRASOUND CHARACTERISTICS OF THE SOFT TISSUES AROUND SACROILIAC JOINTS AND LUMBAR REGION IN PATIENTS WITH ANKYLOSING SPONDYLITIS

WANG, Y.G. ET AL [TAIWAN]

12:00 [YIA] OP-MH03-3

SYSTEMATIC ULTRASOUND EVALUATION OF TENDON RECOVERY IN PATIENTS AFTER FINGER FLEXOR TENDON REPAIR

WANG, M.W. ET AL [TAIWAN]

12:15 OP-MH03-4

ACHILLES TENDINOPATHY ALTERS THE LINK

BETWEEN MUSCLE FORCE-SHARING AND SUBTENDON NON-UNIFORMITY

MYLLE, I. ET AL [BELGIUM]

12:30 OP-MH03-5

EFFECTS OF DIFFERENT HIP FLEXION ANGLES ON THE EXCURSION AND GLIDING OF THE PATELLAR TENDON LAYERS: PRELIMINARY RESULTS

SHIH, P.C. ET AL [TAIWAN]

OP-SH02

361

Physical Education and Pedagogics

Chair(s):

DELPHAN, M. [IRAN]

HARRISON, C. [NEW ZEALAND]

11:30 [YIA] OP-SH02-1

DETERIORATING EQUIVALENCE IN PHYSICAL EDUCATION IN SWEDEN? USING SIBLING CORRELATION TO ESTIMATE THE EFFECT OF FAMILY BACKGROUND ON GRADES IN PHYSICAL EDUCATION BETWEEN 2000 – 2017

JANSSON, A. ET AL [SWEDEN]

11:45 [YIA] OP-SH02-2

THE PERCEIVED FUNCTION OF PHYSICAL ACTIVITY DURING THE SCHOOL DAY AMONG SWEDISH PRIMARY SCHOOL CHILDREN

HÖGMAN, J. [SWEDEN]

12:00 [YIA] OP-SH02-3

PUPILS' PERSPECTIVES ON RACISM AND ANTI-RACISM IN PHYSICAL EDUCATION: FINDINGS AND RECOMMENDATIONS FROM A SYSTEMATIC LITERATURE REVIEW

ABEL, L. ET AL [GERMANY]

12:15 [YIA] OP-SH02-4

EXPLORING ADOPTION OF GAMES-BASED PHYSICAL LITERACY CONCEPTS IN PRACTITIONERS ACROSS THE UK

WING, K. ET AL [UNITED KINGDOM]

12:30 OP-SH02-5

ITALIAN VALIDATION AND STANDARDIZATION

OF TGMD-3: A TOOL FOR ASSESSING AND PLANNING TEACHING
DANNA, C. ET AL [ITALY]

OP-AP09

362+363

New Olympic Sports

Chair(s):

VARESCO, G. [FRANCE]

ARMADA-CORTÉS, E. [SPAIN]

11:30 OP-AP09-1

SPORT CLIMBING DETERMINANTS AND FUNCTIONAL TESTING METHODS: A SYSTEMATIC REVIEW-BASED PROPOSAL FOR STANDARDISED FUNCTIONAL PERFORMANCE ASSESSMENT
FAGGIAN, S. ET AL [ITALY]

11:45 OP-AP09-2

SMART TRUCK: CLASSIFYING SKATEBOARD TRICKS WITH A CONVOLUTIONAL NEURAL NETWORK BASED ON MOTION DATA

WESTENBERGER, E. ET AL [AUSTRIA]

12:00 OP-AP09-3

COMPETITIVE SKATEBOARDING—INTERDISCIPLINARY PERSPECTIVES ON THE DISCIPLINE PARK

BÜSCHER, B. ET AL [FRANCE]

12:15 OP-AP09-4

DOES THE SUCCESS RATE OF OFFENSIVE PLAYS IN 3X3 BASKETBALL VARY WITH THE TYPE OF OFFENSE AND AGE/SEX CATEGORIES?

MADARAME, H. [JAPAN]

OP-PN25

Bar Arlequin

Nutrition II

Chair(s):

PÉREZ-LÓPEZ, A. [SPAIN]

VERTEMATTI, S. [BRAZIL]

11:30 OP-PN25-1

EFFECTS OF PROTEIN SUPPLEMENTATION, COMBINED WITH HIGH-INTENSITY FUNCTIONAL TRAINING, ON THE PLASMA AMINO ACID PROFILE, BIOCHEMICAL AND HEMATOLOGICAL PARAMETERS IN TRAINED MEN AND WOMEN
KARPOUZI, C. ET AL [GREECE]

11:45 OP-PN25-2

EFFECTS OF A MULTI-INGREDIENT PROTEIN, Ω 3 FATTY ACID, AND VITAMIN D SUPPLEMENT, COMBINED WITH HIGH-INTENSITY FUNCTIONAL TRAINING, ON EXERCISE PERFORMANCE AND THE BLOOD FATTY ACID PROFILE

KOSMIDIS, I. ET AL [GREECE]

12:00 OP-PN25-3

THE COLLAGEN SYNTHESIS RESPONSE TO LEG PRESS EXERCISE IN RESISTANCE-TRAINED MIDDLE-AGED MEN IS AUGMENTED WITH 15-30 G HYDROLYSED COLLAGEN SUPPLEMENTATION

NULTY, C.D.P. ET AL [IRELAND]

12:15 OP-PN25-4

THE COLLAGEN SYNTHESIS RESPONSE TO HIGH-INTENSITY BACK SQUAT EXERCISE IN RESISTANCE-TRAINED YOUNG MEN IS GREATER WHEN INGESTING 30 G VERSUS 15 G HYDROLYSED COLLAGEN

LEE, J. ET AL [UNITED KINGDOM]

12:30 OP-PN25-5

THE EFFECTS OF ACTOVEGIN AND HIIT ON BODY WEIGHT, BLOOD GLUCOSE AND LIVER MITOCHONDRIAL FUNCTION IN HEALTHY MICE

LINDTOFTE, S. ET AL [DENMARK]

OP-SH22

313+314

Stress-recovery and anxiety

Chair(s):

LANE, A. [UNITED KINGDOM]

VINCZE, A. [ROMANIA]

11:30 OP-SH22-1

LINK BETWEEN THE STRESS-RECOVERY BALANCE AND MINDFULNESS IN YOUNG ELITE BMX RIDERS
SONDT, N. ET AL [FRANCE]

11:45 OP-SH22-2

THE RELATION BETWEEN ATHLETES' NEGATIVE PERFORMANCE STRESS AND VIGOUR: A MODERATED MEDIATION ANALYSIS INCLUDING RUMINATION AND PSYCHOLOGICAL CAPITAL
BALK, Y.A. ET AL [NETHERLANDS]

12:00 OP-SH22-3

THE IMPACT OF COACHING ON ATHLETES' COPING AND AFFECTIVE STATES EXPERIENCED IN COMPETITIVE SETTINGS

GONZÁLEZ-GARCÍA, H. ET AL [SPAIN]

12:15 OP-SH22-4

DO ATHLETES RESIST BETTER TO FAILURE WHEN THE "I" OR THE "WE" MATTERS MOST? THE IMPORTANCE OF THE FAILURE TYPE

PELLET, J. ET AL [FRANCE]

Wednesday, 5 July

13:45 - 15:00

IS-PN02

Grand Amphitheatre

Exercise and nutrition to support healthy aging

Chair(s):

VERDIJK, L. [NETHERLANDS]

DRISS, T. [FRANCE]

13:45 IS-PN02-1

SARCOPENIA: CAUSES, CONSEQUENCES, AND TREATMENT OPTIONS

VERDIJK, L. [NETHERLANDS]

14:10 IS-PN02-2

SARCOPENIC OBESITY

BOIRIE, Y. [FRANCE]

14:35 IS-PN02-3

RESISTANCE TRAINING AND PROTEIN INTAKE IN OLDER PEOPLE: HOW TO BRING SCIENCE TO PRACTICE?

DE GROOT, L. [NETHERLANDS]

OP-PN14

Amphitheatre Bordeaux

Oxygenation

Chair(s):

POOLE, D. [UNITED STATES]

BILLAUT, F. [CANADA]

13:45 OP-PN14-1

ACUTE MUSCLE OXYGEN SATURATION AND PERCEPTUAL RESPONSES BETWEEN LUNGE AND RUNNING EXERCISES VARIATIONS

SANTARÉM, D. ET AL [PORTUGAL]

14:00 OP-PN14-2

A DIVE INTO THE PHYSIOLOGY OF O₂ AND CO₂ TABLES IN APNEA NOVICES

DECLERCQ, L. ET AL [BELGIUM]

14:15 OP-PN14-3

POST-ISCHEMIA MICROVASCULAR REACTIVITY DURING ACUTE HYPOXIC EXPOSURE IN TRAINED AND UNTRAINED MALES AND FEMALES
MANFERDELLI, G. ET AL [SWITZERLAND]

14:30 OP-PN14-4

MUSCLE OXYGENATION UNDULATES DURING EACH REPETITION OF RESISTANCE EXERCISE
MAVRIDIS, K. ET AL [GREECE]

14:45 OP-PN14-5

THE INFLUENCE OF SEX ON PULMONARY OXYGEN UPTAKE AND DEOXYHEMOGLOBIN KINETICS DURING MODERATE AND SUPRAMAXIMAL INTENSITY RUNNING
CURTO, D. ET AL [PORTUGAL]

OP-AP03

Amphitheatre Havane

Training and Testing: Power and strength I

Chair(s):

KRISTIANSEN, M. [DENMARK]

DE SOUZA, E. [UNITED STATES]

13:45 [YIA] OP-AP03-1

ECCENTRIC HAMSTRINGS TORQUE PRODUCTION AND ELECTROMYOGRAPHIC ACTIVITY OF THE POSTERIOR MUSCLE CHAIN DURING UNASSISTED VERSUS ASSISTED NORDIC HAMSTRING EXERCISE
DEMEUSOY, P. ET AL [FRANCE]

14:00 [YIA] OP-AP03-2

THE ACUTE EFFECTS OF TRANSCRANIAL DIRECT CURRENT STIMULATION ON THE PERFORMANCE OF VELOCITY-BASED SQUAT TRAINING

CHEN, T. ET AL [SPAIN]

14:15 [YIA] OP-AP03-3

EVIDENCE FOR HUMAN MUSCLE MASS

REALLOCATION IN RESPONSE TO RESISTANCE TRAINING

VAN VOSSEL, K. ET AL [BELGIUM]

14:30 OP-AP03-4

DOES THE TRAINING BREAK MATTER? UPPER AND LOWER LIMB MUSCLE STRENGTH FOLLOWING 20-WEEK INTERMITTED VS. CONTINUOUS RESISTANCE TRAINING

AHTIAINEN, J.P. ET AL [FINLAND]

14:45 OP-AP03-5

HYPERTROPHIC LOADING-INDUCED AVERAGE CONCENTRIC POWER AND ELECTROMYOGRAPHIC RESPONSES DIFFER IN LEG PRESS VS. SMITH-MACHINE BACK SQUAT

KOTIKANGAS, J. ET AL [FINLAND]

OP-BM02

341

Neuromuscular Physiology: Fatigue I

Chair(s):

MARTIN, V. [FRANCE]

SOURON, R. [FRANCE]

13:45 [YIA] OP-BM02-1

MOTOR UNIT BEHAVIOUR ADJUSTMENTS DIFFER DURING INTERMITTENT AND SUSTAINED ISOMETRIC KNEE EXTENSION TASKS TO FAILURE

VALENCIC, T. ET AL [UNITED KINGDOM]

14:00 [YIA] OP-BM02-2

SEX DIFFERENCES IN MUSCLE FATIGUE DEVELOPMENT AND INTRAMUSCULAR METABOLIC PERTURBATIONS DURING INTERMITTENT ISOMETRIC EXERCISE

COLOSIO, M. ET AL [ITALY]

14:15 [YIA] OP-BM02-3

MIND OVER MUSCLE? A DECEPTIVE STUDY ON NEUROPHYSIOLOGICAL MECHANISMS ASSOCIATED WITH STOPPING EFFORT

MATTA, P.M. ET AL [FRANCE]

14:30 [YIA] OP-BM02-4

AETIOLOGY OF NEUROMUSCULAR FATIGUE

DURING REPEATED SPRINTS IN SYSTEMIC VS LOCALIZED HYPOXIA.

MOUGIN, L. ET AL [FRANCE]

14:45 [YIA] OP-BM02-5

IMMEDIATE AND PROLONGED EFFECTS OF SUBMAXIMAL ECCENTRIC VS. CONCENTRIC FATIGUING PROTOCOLS ON HAMSTRINGS NEUROMUSCULAR FUNCTION

CORCELLE, B. ET AL [FRANCE]

IS-SH01

342A

Sport and climate change: challenges and opportunities

Chair(s):

SVENSSON, D. [SWEDEN]

BROCHERIE, F. [FRANCE]

13:45 IS-SH01-1

OUTDOOR SPORTS AND THE ENVIRONMENT: BALANCING ACCESSIBILITY AND SUSTAINABILITY

SCHUT, P. [FRANCE]

14:10 IS-SH01-2

SUSTAINABILITY THROUGH TECHNOLOGY? POTENTIALS, RISKS, AND PARADOXES IN SPORT ORGANISATIONS' SUSTAINABLE TECHNOLOGY STRATEGIES

TJØNNDAL, A. [NORWAY]

14:35 IS-SH01-3

PERFORMANCE OR SUSTAINABILITY? TENSIONS BETWEEN (ELITE) SPORT LOGICS OF PERFORMANCE AND REDUCING ENVIRONMENTAL IMPACT

SVENSSON, D. [SWEDEN]

OP-AP19

342B

Training and Testing: Swimming

Chair(s):

ARSONIADIS, G. [GREECE]

TOUBEKIS, A. [GREECE]

13:45 OP-AP19-1

THE INTERPLAY BETWEEN ACTIVE DRAG, ARM STROKE EFFICIENCY AND PROPULSIVE POWER AS DETERMINANTS OF FRONT CRAWL SPRINT PERFORMANCE

PETERSON SILVEIRA, R. ET AL [FRANCE]

14:00 OP-AP19-2

HAND THRUST DURING FREE AND TETHERED SWIMMING: AN ANALYSIS OF ASYMMETRY

RUSSO, G. ET AL [ITALY]

14:15 OP-AP19-3

APPLYING SEVERE AND EXTREME INTENSITY SWIMMING TRAINING IN THE SAME SESSION: EFFECT OF SET SEQUENCE ON PHYSIOLOGICAL RESPONSES AND PERFORMANCE

NIKITAKIS, I. ET AL [GREECE]

14:30 OP-AP19-4

INFLUENCE OF AN INTENSIVE 6-DAY TRAINING PERIOD ON A SUBMAXIMAL PERFORMANCE TEST IN NATIONAL LEVEL YOUTH SWIMMERS

BRANDTS, M. ET AL [GERMANY]

14:45 OP-AP19-5

EFFECTS OF 12-WEEK CONCURRENT TRAINING ON GENERAL ATHLETIC ABILITY AND SPECIFIC ATHLETIC PERFORMANCE OF PREADOLESCENT SWIMMERS

YIN, X. [CHINA]

OP-AP21

343

Training and Testing: Combat Sports

Chair(s):

STAVRINO, P. [CYPRUS]

AUGUSTOVICOVA, D. [SLOVAKIA]

13:45 OP-AP21-1

ASSESSING THE KEY PHYSICAL CAPABILITIES IN STRIKING COMBAT SPORTS: RELIABILITY AND REPRODUCIBILITY OF A NEW TEST.

GUSCIGLIO, B. ET AL [FRANCE]

14:00 OP-AP21-2

NEUROMUSCULAR, PHYSICAL FITNESS, AND COMPETITIVE PERFORMANCE IN HIGH-LEVEL JUDO ATHLETES

FRANCHINI, E. ET AL [BRAZIL]

14:15 OP-AP21-3

PILOT DATA OF THE EFFECTS OF MIXED MARTIAL ARTS SPARRING ON AUTONOMIC BRAIN FUNCTION

KIRK, C. ET AL [UNITED KINGDOM]

14:30 OP-AP21-4

PHYSIOLOGICAL RESPONSES AND ENERGY SYSTEM PROFILING DURING THE SIMULATION OF EPÉE COMPETITIONS IN ELITE FENCERS

YANG, W. [KOREA, SOUTH]

14:45 OP-AP21-5

FORCE-VELOCITY-POWER PROFILING USING ISOMETRIC AND DYNAMIC PERFORMANCE TESTING

VIEIRA, A. ET AL [BRAZIL]

IS-EX03

351

JSPFSM-ECSS exchange: Complex effects of acute exercise on cognition

Chair(s):

KAMIJO, K. [JAPAN]

LUDYGA, S. [SWITZERLAND]

13:45 IS-EX03-1

THE MODERATING ROLE OF PRE-TEST PERFORMANCE ON THE AFTEREFFECTS OF ACUTE AEROBIC EXERCISE ON COGNITIVE PERFORMANCE

KAMIJO, K. [JAPAN]

13:50 IS-EX03-2

THE INTERACTION OF ACUTE EXERCISE, STRESS AND COGNITION IN CHILDREN AND PREADOLESCENTS

LUDYGA, S. [SWITZERLAND]

13:55 IS-EX03-3

THE IMPACT OF PARTICIPANT CHARACTERISTICS ON THE BENEFICIAL EFFECTS OF ACUTE EXERCISE IN CHILDREN

RAINE, L. [UNITED STATES]

OP-MH08

352A

Exercise therapy/HIIT

Chair(s):

BONATO, M. [ITALY]

MCNARRY, M. [UNITED KINGDOM]

13:45 OP-MH08-1

HOME-BASED HIIT AND TRADITIONAL MICT PRESCRIPTIONS IMPROVE CARDIORESPIRATORY FITNESS TO A SIMILAR EXTENT WITHIN AN EXERCISE REFERRAL SCHEME FOR AT-RISK INDIVIDUALS

HESKETH, K.L. ET AL [UNITED KINGDOM]

14:00 OP-MH08-2
IMPACT OF A 12-WEEK HIGH-INTENSITY INTERVAL TRAINING SCHEME ON CARDIAC STRUCTURE AND FUNCTION AFTER COVID-19
RASMUSSEN, I.E. ET AL [DENMARK]

14:15 OP-MH08-3
IMMUNE RESPONSES TO ACUTE UPPER AND LOWER BODY HIGH-INTENSITY INTERVAL EXERCISE.
GREEN, S. ET AL [UNITED KINGDOM]

14:30 OP-MH08-4
COMPARING THE EFFECTS OF A 12-WEEK MODERATE INTENSITY CONTINUOUS TRAINING AND HIGH-INTENSITY INTERVAL TRAINING PROGRAM ON ANXIETY, DEPRESSION, AND SLEEP QUALITY AMONG PATIENTS WITH ATRIAL FIBRILLATION
ONEILL, C. ET AL [CANADA]

14:45 OP-MH08-5
TWELVE WEEKS OF ENDURANCE AND CONCURRENT TRAINING IMPROVE VO₂PEAK, HEALTH-RELATED QUALITY OF LIFE, FATIGUE AND SYMPTOMS IN SUBJECTS WITH LONG-COVID – A RANDOMIZED CONTROLLED TRIAL
SICK, J. ET AL [AUSTRIA]

OP-MH04

352B

Metabolic Syndrome and Neurological Disease

Chair(s):
PECANHA, T. [UNITED KINGDOM]
GEPNER, Y. [ISRAEL]

13:45 [YIA] OP-MH04-1
EFFECT OF DIFFERENT EXERCISE MODALITIES ON SKELETAL MUSCLE ANGIOGENIC MARKERS IN ADOLESCENT MALES WITH TYPE 1 DIABETES MELLITUS
GUSTAFSSON, J. ET AL [SWEDEN]

14:00 [YIA] OP-MH04-2
NO EFFECT OF 12 WEEKS OF AEROBIC TRAINING ON METABOLIC FLEXIBILITY IN OVERWEIGHT MEN WITH AND WITHOUT TYPE 2 DIABETES
LANGE, K.K. ET AL [DENMARK]

14:15 [YIA] OP-MH04-3
ERGOGENIC EFFECTS OF INVASIVE AND NON-INVASIVE SPINAL CORD STIMULATION STRATEGIES FOLLOWING SPINAL CORD INJURY: A CASE-SERIES
HODGKISS, D.D. ET AL [UNITED KINGDOM]

14:30 [YIA] OP-MH04-4
FEASIBILITY OF INTEGRATING AN EXERCISE SPECIALIST SUPPORTED BY MHEALTH TECHNOLOGY TO INCREASE EXERCISE AND PHYSICAL ACTIVITY IN AN ADOLESCENT COMPLICATIONS FROM EXCESS WEIGHT SERVICE: MOTIVATE-CEW
DAVIES, A.P. ET AL [UNITED KINGDOM]

14:45 OP-MH04-5
EVALUATING A SPORT AND EXERCISE INTERVENTION ON METABOLIC SYNDROME, PAIN, COGNITIVE FUNCTION AND CARDIORESPIRATORY FITNESS AMONG FORCIBLY DISPLACED ADULTS. A RANDOMIZED CONTROLLED TRIAL
KNAPPE, F. ET AL [SWITZERLAND]

OP-SH16

353

Rating of perceived exertion

Chair(s):
SOUSA, F. [BRAZIL]
WEN, H. [TAIWAN]

13:45 OP-SH16-1
AN EXPLORATORY ANALYSIS OF TRIMP, RUNNING SPEED, AND SESSION RPE AS TRAINING LOAD FORMULAS IN A SAMPLE OF 596 DISTANCE RUNNERS.
MORIO, C. ET AL [FRANCE]

14:00 OP-SH16-2
CRITERION VALIDITY OF A NEW RPE SCALE TO

ASSESS THE PSYCHOLOGICAL LOAD OF PHYSICAL TRAINING

NIGRO, F. ET AL [ITALY]

14:15 OP-SH16-3
A META-ANALYSIS OF THE CRITERION-RELATED VALIDITY OF SESSION-RPE SCALES IN ADOLESCENT ATHLETES
LIU, H.C. ET AL [CHINA]

OP-AP34

315

Football: Sleep

Chair(s):
GIANNAKI, C. [CYPRUS]
ARRIAZA, R. [SPAIN]

13:45 OP-AP34-1
IS AEROBIC PERFORMANCE AFFECTED BY SLEEP AND CHRONOTYPE IN YOUNG SOCCER PLAYERS?
CIORCIARI, A. ET AL [ITALY]

14:00 OP-AP34-2
SLEEP DURING A TRAINING CAMP IN ELITE ADULT FEMALE SOCCER PLAYERS
COSTA, J.A. ET AL [PORTUGAL]

14:15 OP-AP34-3
HOW MUCH SLEEP DOES A FOOTBALL PLAYER NEED?
FIGUEIREDO, P. ET AL [UNITED ARAB EMIRATES]

14:30 OP-AP34-4
EVENING WHEY PROTEIN INTAKE, RICH IN TRYPTOPHAN, AND SLEEP IN ELITE MALE AUSTRALIAN RULES FOOTBALL PLAYERS
CONDO, D. ET AL [AUSTRALIA]

14:45 OP-AP34-5
SLEEP PATTERNS OF ELITE FEMALE FOOTBALL MATCH OFFICIALS DURING WEURO2022: IMPACT OF PROXIMITY TO MATCH DAY, KICK-OFF TIME AND ROLE ON MATCH DAY
TARNOWSKI, C.A. ET AL [UNITED KINGDOM]

OP-SH03

361

Sport Management and Law I

Chair(s):
PILZ-BURSTEIN, R. [ISRAEL]
LI, X. [CHINA]

13:45 [YIA] OP-SH03-1
LEGACIES OF THE 2022 COMMONWEALTH GAMES FOR BIRMINGHAM COMMUNITIES AND INDIVIDUALS FROM DISADVANTAGED BACKGROUNDS: EVIDENCE FROM THE QUALITATIVE DATA
HEYES, A. ET AL [UNITED KINGDOM]

14:00 OP-SH03-2
BETTER BASKETBALL ORGANIZATION BETWEEN TWO DIFFERENT CULTURES: THE CHINESE AND THE SPANISH
WANG, J.F. [SPAIN]

14:15 OP-SH03-3
LEVERAGING THE 2023 FIFA WOMEN'S WORLD CUP FOR SUSTAINABLE FAN ENGAGEMENT – A PRELIMINARY ANALYSIS
CUTRUPI, C. [AUSTRALIA]

14:30 OP-SH03-4
THE PERCEPTION OF OLYMPIC AGENDA 2020 RECOMMENDATIONS OF COLLEGE STUDENT ATHLETES IN TAIWAN: A CROSS-SECTIONAL STUDY ON THE IMPLEMENTATION OF THE AGENDA IN 2021
YANG, Y.J. [TAIWAN]

14:45 OP-SH03-5
EXPLORING THE RELATIONSHIP BETWEEN THE SWEDISH REGIONAL SPORT STRATEGY, PERCEIVED TRUST, AND NON-PROFIT SPORT ORGANIZATIONS' MANAGEMENT IN SOUTHERN SWEDEN
ANDERSSON, K. ET AL [SWEDEN]

OP-AP08

362+363

Network Analysis in Team Sports

Chair(s):
BACA, A. [AUSTRIA]
ZAK, L. [FRANCE]

13:45 OP-AP08-1
AN EXPLORATORY STUDY OF SPATIAL DIVISION OF FOOTBALL PITCH PASSING NETWORKS
MA, R. ET AL [AUSTRIA]

14:00 OP-AP08-2
THE INFLUENCE OF SCORELINE ON PASSING PERFORMANCE IN ELITE SOCCER
DING, J. ET AL [UNITED KINGDOM]

14:15 OP-AP08-3
CONSTRUCTION OF APPLICATION STRATEGY FOR STATISTICAL ANALYSIS OF BEACH VOLLEYBALL GAME TECHNIQUES AND TACTICS BASED ON THE CONCEPT OF STANDARDIZATION OF RESEARCH METHODS
ZHENXIANG, C. ET AL [CHINA]

14:30 OP-AP08-4
NEAREST NEIGHBOR CLUSTERING TO RECOGNIZE TEAM TACTICS
SCHWENKREIS, F. [GERMANY]

OP-PN26

Bar Arlequin

Nutrition III

Chair(s):
VAN DIJK, J. [NETHERLANDS]
BOISSEAU, N. [FRANCE]

13:45 OP-PN26-1
CARBOHYDRATE INGESTION DURING PROLONGED FATIGUING CYCLING IMPROVES NEXT-DAY TIME TRIAL PERFORMANCE AND MAY REDUCE PROTEIN DEGRADATION IN WELL-

TRAINED CYCLISTS

CLAUSS, M. ET AL [NORWAY]

14:00 OP-PN26-2

A DIET RICH IN CARBOHYDRATES WITH LOW GLYCAEMIC INDICES RESULTS IN IMPROVED PERFORMANCE RELATED PARAMETERS IN RECREATIONAL RUNNERS AFTER 10 WEEKS OF ENDURANCE TRAINING

MOITZI, A. ET AL [AUSTRIA]

14:15 OP-PN26-3

THE EFFECT OF DELAYING A CARBOHYDRATE-RICH BREAKFAST ON AFTERNOON INTERMITTENT EXERCISE PERFORMANCE: A RANDOMISED, SINGLE BLIND, PLACEBO-CONTROLLED TRIAL

LAMB, C. ET AL [UNITED KINGDOM]

14:30 OP-PN26-4

THE INFLUENCE OF A VEGAN DIET ON BODY COMPOSITION, PERFORMANCE AND THE MENSTRUAL CYCLE IN YOUNG WELL-TRAINED WOMEN

ISENMANN, E. ET AL [GERMANY]

14:45 OP-PN26-5

EATING BEHAVIOURS, MENSTRUAL HISTORY, AND THE ATHLETIC CAREER

RAVI, S. ET AL [FINLAND]

Wednesday, 5 July

15:15 - 16:30

IS-BM05

Grand Amphitheatre

Sex-Based Differences in Fatigability, Sport Performance and Recovery

Chair(s):

NICOL, C. [FRANCE]

MILLET, G. [FRANCE]

15:15 IS-BM05-1

SEX DIFFERENCES IN FATIGABILITY AND ATHLETIC PERFORMANCE

HUNTER, S. [UNITED STATES]

15:40 IS-BM05-2

DO WOMEN SHOW THE SAME STRUCTURAL AND FUNCTIONAL RECOVERY AS MEN AFTER AN ENDURANCE RACE?

NICOL, C. [FRANCE]

16:05 IS-BM05-3

HORMONAL BASIS OF SEX DIFFERENCES IN ATHLETIC PERFORMANCE

SENEFELD, J. [UNITED STATES]

IS-PN03

Amphitheatre Bordeaux

The importance of intramuscular signals on skeletal muscle function in health and disease

Chair(s):

PLACE, N. [SWITZERLAND]

THOMAS, C. [FRANCE]

15:15 IS-PN03-1

ACUTE ADAPTATIONS OF SKELETAL MUSCLE TO

EXERCISE: A TRANSLATIONAL APPROACH

PLACE, N. [SWITZERLAND]

15:40 IS-PN03-2

THE CENTER STAGE OF GLYCOGENOLYTIC DERIVED ENERGY IN SKELETAL MUSCLE FATIGUE

ØRTENBLAD, N. [DENMARK]

16:05 IS-PN03-3

INSIGHT INTO HOW INTRAMUSCULAR STRESSORS INTERFERE WITH THE MUSCULAR MACHINERY

LANNER, J. [SWEDEN]

OP-AP22

Amphitheatre Havane

Training and Testing: Cycling

Chair(s):

MUNIZ PUMARES, D. [UNITED KINGDOM]

ASSLÄNDER, L. [GERMANY]

15:15 OP-AP22-1

CAN WE ACCURATELY PREDICT CRITICAL POWER AND W FROM A SINGLE RAMP INCREMENTAL EXERCISE TEST?

CAEN, K. ET AL [BELGIUM]

15:30 OP-AP22-2

FORCE-VELOCITY-ENDURANCE RELATIONSHIP: DEVELOPMENT OF A MATHEMATICAL MODEL AND VALIDATION OF THE IFLET TEST

MOREL, B. ET AL [FRANCE]

15:45 OP-AP22-3

MUSCLE TYPOLOGY UNDERPINS SPRINT CYCLING CHARACTERISTICS IN ELITE TRACK CYCLISTS

BELLINGER, P. ET AL [AUSTRALIA]

16:00 OP-AP22-4

METABOLIC SIGNATURES OF PERFORMANCE IN ELITE WORLD TOUR PROFESSIONAL CYCLISTS DURING COMPETITION

NEMKOV, T. [UNITED STATES]

16:15 OP-AP22-5

MIXED-METHOD PRE-COOLING AND SELF-PACED CYCLING PERFORMANCE IN THE HEAT: EFFECTS OF

APPARENT TEMPERATURE

RAMOS, J. ET AL [AUSTRALIA]

OP-BM03

341

Biomechanics: [Muscle and/or tendon function]

Chair(s):

CSAPO, R. [AUSTRIA]

BISSAS, A. [UNITED KINGDOM]

15:15 [YIA] OP-BM03-1

IN-VIVO ESTIMATION OF DYNAMIC POSTERIOR TIBIAL TENDON EXCURSION AND TORSION USING ULTRASOUND SPECKLE TRACKING: PRELIMINARY RESULTS

HUNG, K.L. ET AL [TAIWAN]

15:30 [YIA] OP-BM03-2

A FORCE-ENDURANCE MODEL ABLE TO DESCRIBE THE MUSCLE FATIGABILITY IN THE SEVERE DOMAIN: VALIDATION ON ELECTRICALLY STIMULATED ADDUCTOR POLLICIS.

VONDERSCHER, M. ET AL [FRANCE]

15:45 [YIA] OP-BM03-3

EVIDENCE OF DIFFERENT SENSITIVITY OF MUSCLE AND TENDON TO MECHANO-METABOLIC STRESS

LAMBRIANIDES, Y. ET AL [UNITED KINGDOM]

16:00 OP-BM03-4

TORQUE-ANGLE AND TORQUE-VELOCITY RELATIONSHIPS DURING UNILATERAL LEG EXTENSIONS: TOWARDS AN INDIVIDUAL TORQUE-VELOCITY-ANGLE PROFILE

POMMERELL, F. ET AL [FRANCE]

16:15 OP-BM03-5

TRICEPS SURAE MUSCLE-TENDON UNIT MECHANOBIOLOGICAL RESPONSES TO FREQUENT HIGH MAGNITUDE OF MECHANICAL LOADING

EPRO, G. ET AL [UNITED KINGDOM]

IS-EX02

342A

FEPSAC invited symposium - Psychological perspectives on sport injuries

Chair(s):

IVARSSON, A. [SWEDEN]

RUFFAULT, A. [FRANCE]

15:15 IS-EX02-1

IMPLEMENTATION OF PSYCHOLOGICAL BASED STRATEGIES FOR INJURY PREVENTION

IVARSSON, A. [SWEDEN]

15:20 IS-EX02-2

PSYCHOLOGICAL INTERVENTIONS TO OPTIMISE POST-INJURY RECOVERY

VAN DE WOUW, A. [NETHERLANDS]

15:25 IS-EX02-3

A RELATIONAL PERSPECTIVE ON THE RETURN TO SPORT FOLLOWING INJURY

PODLOG, I. [CANADA]

OP-PN04

342B

Nutrition IV

Chair(s):

COLLOMP, K. [FRANCE]

MOSS, S. [UNITED KINGDOM]

15:15 [YIA] OP-PN04-1

EXOGENOUS KETOSIS IMPROVES HYPOXIC TOLERANCE AND MAINTAINS BLOOD OXYGEN SATURATION IN HYPOXIC CONDITIONS.

STALMANS, M. ET AL [BELGIUM]

15:30 [YIA] OP-PN04-2

EXOGENOUS KETOSIS IMPROVES SLEEP EFFICIENCY AND COUNTERACTS THE DECLINE IN REM SLEEP FOLLOWING STRENUOUS EXERCISE

ROBBERECHTS, R. ET AL [BELGIUM]

15:45 [YIA] OP-PN04-3

THE EFFECT OF EIGHT-DAYS ORAL TAURINE SUPPLEMENTATION ON THERMOREGULATION AT FIXED HEAT PRODUCTION IN HOT CONDITIONS OF INCREMENTAL HUMIDITY: A DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL

PEEL, J.S. ET AL [UNITED KINGDOM]

16:00 [YIA] OP-PN04-4

ALGAE INGESTION INCREASES RESTING AND EXERCISED MYOFIBRILLAR PROTEIN SYNTHESIS RATES TO A SIMILAR EXTENT AS MYCOPROTEIN IN YOUNG ADULTS.

VAN DER HEUDEN, I. ET AL [UNITED KINGDOM]

16:15 OP-PN04-5

EFFECTS OF REDUCING DIETARY PROTEIN ON PERFORMANCE AND BODY COMPOSITION IN WELL-TRAINED ENDURANCE ATHLETES

ALMQUIST, N. [DENMARK]

OP-AP04

343

Training and Testing

Chair(s):

JEAN-BENOIT, M. [FRANCE]

PARPA, K. [CYPRUS]

15:15 [YIA] OP-AP04-1

DATA PROCESSING STRATEGIES TO DETERMINE MAXIMUM OXYGEN UPTAKE: A SYSTEMATIC SCOPING REVIEW AND EXPERIMENTAL COMPARISON WITH GUIDELINES FOR REPORTING

NOLTE, S. ET AL [GERMANY]

15:30 [YIA] OP-AP04-2

MODE MATTERS - ENDURANCE EXERCISE MODES INFLUENCE CHANGES IN EEG RESTING STATE BRAIN NETWORKS

BÜCHEL, D. ET AL [GERMANY]

15:45 [YIA] OP-AP04-3

CYCLING PERFORMANCE AFTER ACCUMULATED LOAD: DOES DURABILITY CHANGE DURING A CYCLING SEASON?

VOET, J.G. ET AL [NETHERLANDS]

16:00 [YIA] OP-AP04-4

PERFORMANCE UNDER PRESSURE: PHYSIOLOGICAL AND COGNITIVE RESPONSES TO HYPEROXIC EXERCISE IN SCUBA-DIVING

MÖLLER, F. ET AL [GERMANY]

16:15 [YIA] OP-AP04-5

INFLUENCE OF USING INDIVIDUALIZED ERGONOMIC HANDLES ON UPPER LIMB KINEMATICS, NEUROMUSCULAR ACTIVITY AND PERCEIVED COMFORT, DURING SCULL ROWING.

ERTEL, G.N. ET AL [FRANCE]

IS-MH03

351

Physical exercise as a therapeutic strategy

Chair(s):

MESSONNIER, L. [FRANCE]

MILLET, G. [SWITZERLAND]

15:15 IS-MH03-1

THE EFFECT OF EXERCISE TRAINING ON PERIPHERAL VASCULAR RESISTANCE AND BLOOD PRESSURE IN MEN AND WOMEN

HELLSTEN, Y. [DENMARK]

15:40 IS-MH03-2

METABOLIC FLEXIBILITY WITH AGING: IMPACT OF PHYSICAL ACTIVITY

BROOKS, G. [UNITED STATES]

16:05 IS-MH03-3

MUSCLE AND FUNCTIONAL REPERCUSSIONS OF SICKLE CELL DISEASE: BENEFICIAL EFFECTS OF ENDURANCE TRAINING

MESSONNIER, L. [FRANCE]

OP-AP10

352A

Winter Sports

Chair(s):

FANTOZZI, S. [ITALY]

MAMEN, A. [NORWAY]

15:15 OP-AP10-1

SPEED AND POWER IMPROVEMENTS DERIVED FROM HYPOXIC REPEATED-SPRINT TRAINING IN WORLD-CLASS SHORT-TRACK SPEED SKATERS ARE INFLUENCED BY THE ANAEROBIC SPEED RESERVE

BILLAUT, F. ET AL [CANADA]

15:30 OP-AP10-2

COMPARATIVE ANALYSIS OF THE DIAGONAL STRIDE TECHNIQUE DURING ON-SNOW AND ROLLER-SKIING IN JUNIOR CROSS-COUNTRY SKIERS

MA, M. ET AL [CHINA]

15:45 OP-AP10-3

EFFECTS OF POSTURE ON THE AERODYNAMIC CHARACTERISTICS DURING TAKE-OFF IN SKI JUMPING

HU, Q. [CHINA]

16:00 OP-AP10-4

DOES TRUNK RANGE OF MOTION DURING SITTING PARA CROSS-COUNTRY SKIING DIFFER BETWEEN CLASSES?

SEVERIN, A.C. ET AL [NORWAY]

16:15 OP-AP10-5

V2 CROSS-COUNTRY SKIING TECHNIQUE VARIATIONS ASSESSED THROUGH PRINCIPAL MOVEMENT DISCRIMINANTS EXTRACTED FROM WEARABLE SENSOR DATA

DEBERTIN, D. [AUSTRIA]

OP-MH05

352B

Sports Medicine/Mixed Session

Chair(s):

NAYLOR, L. [AUSTRALIA]

DAWSON, E. [UNITED KINGDOM]

15:15 [YIA] OP-MH05-1

INVESTIGATION OF FALSE POSITIVE RESULTS IN ANTI-DOPING TEST CAUSED BY PRESERVATIVES IN COSMETICS

LU, Y.W. ET AL [TAIWAN]

15:30 OP-MH05-2

NON-INVASIVELY MEASURED CENTRAL AND PERIPHERAL FACTORS OF OXYGEN UPTAKE ARE AFFECTED BY AGE, SEX, ENDURANCE CAPACITY, AND CHRONIC HEART FAILURE

BROCHHAGEN, J. ET AL [GERMANY]

15:45 OP-MH05-3

EFFECTS OF CONCURRENT, WITHIN-SESSION, AEROBIC AND RESISTANCE EXERCISE TRAINING ON FUNCTIONAL CAPACITY AND MUSCLE PERFORMANCE IN PATIENTS WITH CHRONIC HEART FAILURE

IELLAMO, F. ET AL [ITALY]

16:00 OP-MH05-4

RETINAL LAYERS PARAMETERS ASSESSMENT AS BIOMARKERS AFTER RUGBYMEN'S HEAD TRAUMA

BONNIN, S. ET AL [FRANCE]

16:15 OP-MH05-5

PHYSICAL ACTIVITY AND VENTRICULAR TACHYCARDIA IN PATIENTS WITH ARRHYTHMOGENIC CARDIOMYOPATHY

SORIANO-MALDONADO, A. ET AL [SPAIN]

OP-AP12

353

Timings in Team Sports

Chair(s):

BACA, A. [AUSTRIA]

SCHWENKREIS, F. [GERMANY]

15:15 OP-AP12-1

PERFORMANCE PROFILE IN INTERNATIONAL MALE 3X3 BASKETBALL, REGARDING LIVE-STOPPAGE TIME RATIO AND GAME TIME

HAUER, R. ET AL [AUSTRIA]

15:30 OP-AP12-2

THE MOMENTARY EFFECT OF TIMEOUTS IN NATIONAL BASKETBALL ASSOCIATION GAMES

CHEN, C. ET AL [CHINA]

15:45 OP-AP12-3
EXPLORING SUCCESS OF FOUR LIQUI-MOLY HANDBALL BUNDESLIGA TEAMS FROM 2019 TO 2022

SAAL, C. ET AL [GERMANY]

OP-AP44

315

AI for Sports Analytics

Chair(s):

NOORBHAI, H. [SOUTH AFRICA]

TAO, K. [CHINA]

15:15 OP-AP44-1

OPTIMISING THE USE OF MACHINE LEARNING AND COMPUTER VISION IN SPORT: AN ECOLOGICAL DYNAMICS PERSPECTIVE

AULTON, C. ET AL [UNITED KINGDOM]

15:30 OP-AP44-2

SMART BOXING GLOVE: TECHNIQUE AND TARGET RECOGNITION USING MACHINE LEARNING

CIZMIC, D. ET AL [AUSTRIA]

15:45 OP-AP44-3
DEEP REINFORCEMENT LEARNING FOR
SIMULATING VIRTUAL BOXERS THAT IMITATE THE
FIGHTING INTERACTIONS GIVEN IN MOTION
CAPTURE DEMONSTRATIONS
YOUNES, M. ET AL [FRANCE]

16:00 OP-AP44-4
MACHINE LEARNING FOR AUTOMATED CATCH
RECOGNITION IN AMERICAN FOOTBALL
TRAINING.
VOLMER, J.C. ET AL [AUSTRIA]

OP-SH04

361

Psychology and Motivation

Chair(s):
LANE, A. [UNITED KINGDOM]
GUILLET DESCAS, E. [FRANCE]

15:15 [YIA] OP-SH04-1
A QUALITATIVE INVESTIGATION OF CHILDRENS
PERCEPTIONS OF SCHOOL-BASED PHYSICAL
ACTIVITY AND ITS IMPACT ON THEIR COGNITION
AND ACADEMIC ACHIEVEMENT.
DIXON, S. ET AL [UNITED KINGDOM]

15:30 [YIA] OP-SH04-2
THE EFFECTS OF COACH-CREATED MOTIVATIONAL
CLIMATE IN RHYTHMIC GYMNASTICS
LAROÈRE, B.M. ET AL [CZECH REPUBLIC]

15:45 OP-SH04-3
COACH/PEERS/PARENTS NEED SUPPORTIVE
QUESTIONNAIRE (CPP-NSQ-FR): PRELIMINARY
VALIDATION, AND RELATIONSHIPS WITH
ADOLESCENT ATHLETES WELL-BEING.
MAJ, L. ET AL [FRANCE]

16:00 OP-SH04-4
EXPLORING THE ROLE OF INTENSITY PREFERENCE
AGREEMENT ON BASIC PSYCHOLOGICAL
NEEDS, ENJOYMENT, INTENTION TO CONTINUE
EXERCISING, AND EXERCISE FREQUENCY: A
MODERATED MEDIATION ANALYSIS

TEIXEIRA, D.S. ET AL [PORTUGAL]

16:15 OP-SH04-5
THE 'WHAT' OF ATHLETES' GOAL PURSUIT:
RELATIONSHIPS TO THE PERCEIVED
MOTIVATIONAL CLIMATE, GOAL-RELATED
PROCESSES, AND WELL-BEING
MARTÍNEZ-GONZÁLEZ, N. ET AL [SPAIN]

OP-SH25

362+363

Qualitative and quantitative methods

Chair(s):
VERHAGEN, E. [NETHERLANDS]
CARLING, C. [FRANCE]

15:15 OP-SH25-1
ASSESSMENT OF VARIABILITY IN PREFERENCE AND
TOLERANCE TO EFFORT INTENSITY AND AFFECTIVE
RESPONSES
TAKITO, M.Y. ET AL [BRAZIL]

15:30 OP-SH25-2
COGNITIVE ABILITIES EVALUATION OF EXPERT
ATHLETES : SCIENTIFIC VALIDATION OF TESTS
BATTERY
FERNANDEZ, L. ET AL [FRANCE]

15:45 OP-SH25-3
THE SPORT IMAGERY INTERVENTION
QUESTIONNAIRE: DEVELOPMENT AND
PSYCHOMETRIC EVALUATION
LEE, S. [JAPAN]

16:00 OP-SH25-4
APPLYING THINK ALOUD TO APPLIED SPORT
PSYCHOLOGY PRACTICE
WHITEHEAD, A. ET AL [UNITED KINGDOM]

16:15 OP-SH25-5
PSYCHOMETRIC VALIDATION OF THE FRENCH
VERSION OF THE COACH-ATHLETE RELATIONSHIP
QUESTIONNAIRE
ROUX, V. ET AL [FRANCE]

OP-MH34

Bar Arlequin

Health and Fitness: Ageing II

Chair(s):
PIZARRO, A. [PORTUGAL]
NOSAKA, K. [AUSTRALIA]

15:15 OP-MH34-1
THE INFLUENCE OF RESISTANCE TRAINING
AND PROBIOTICS SUPPLEMENT ON INSULIN
SENSITIVITY AND COGNITIVE FUNCTION IN
ELDERLY
HSIAO, H.J. ET AL [TAIWAN]

15:30 OP-MH34-2
EFFECTS OF RESISTANCE EXERCISE WITH
INSTABILITY ON PHYSICAL AND COGNITIVE
FUNCTIONING OF MIDDLE-AGED AND OLDER
ADULTS: SYSTEMATIC REVIEW WITH PRELIMINARY
META-ANALYSIS
CAVALCANTE, B.R. ET AL [BRAZIL]

15:45 OP-MH34-3
WHAT IS THE LONG-TERM EFFECTS OF RESISTANCE
TRAINING WITH INSTABILITY IN COGNITIVE
FUNCTION OF OLDER ADULTS WITH PROBABLE
MILD COGNITIVE IMPAIRMENT? A RANDOMIZED
CLINICAL TRIAL
SILVA, D.T. ET AL [BRAZIL]

16:00 OP-MH34-4
EFFECTS OF "ECCENTRIC WALKING" ON PHYSICAL
FUNCTION AND HEALTH PARAMETERS IN MIDDLE-
AGED AND OLD REGULAR WALKERS
KATSURA, Y. ET AL [JAPAN]

16:15 OP-MH34-5
FOUR YEARS OF PHYSICAL EXERCISE IMPROVED
COGNITION: EPD (EXERCISE FOR PREVENTION OF
DEMENTIA) RANDOMIZED CONTROLLED TRIAL
CENTORBI, M. ET AL [ITALY]

OP-SH17

313+314

Disabilities

Chair(s):
ESATBEYOGLU, F. [TURKEY]
CAPIO, C. [HONG KONG]

15:15 OP-SH17-1
COACHES' SELF-EFFICACY TO INCLUDE ATHLETES
WITH DISABILITIES IN BADMINTON: THE ROLE OF
PSYCHOLOGICAL NEEDS' SATISFACTION
OCETE, C. ET AL [SPAIN]

15:30 OP-SH17-2
EXPLORATION OF BARRIERS AND FACILITATORS
TO PHYSICAL ACTIVITY IN ADULTS WITH
SCHIZOPHRENIA INVOLVED IN A LONG-TERM
PSYCHOSOCIAL REHABILITATION PROGRAMME
AUGUSTIN, A. ET AL [FRANCE]

15:45 OP-SH17-3
EFFECTS OF SPORT PARTICIPATION LEVEL ON THE
STEREOTYPE CONTENT ASSOCIATED WITH PEOPLE
WITH PHYSICAL DISABILITY
SEYTOR, L.A. ET AL [FRANCE]

16:00 OP-SH17-4
THE FAMILIES POINT OF VIEW: FROM EUROPE TO
THE ITALIAN FOLLOW-UP OF THE IKONS PROJECT
IN PEOPLE WITH INTELLECTUAL DISABILITY (ID)
SBRICCOLI, P. ET AL [ITALY]

16:15 OP-SH17-5
INFUSING DISABILITY AWARENESS IN
EDUCATIONAL SETTINGS THROUGH REVERSE
INTEGRATION: EXPLORING STUDENTS'
KNOWLEDGE AND PERCEPTIONS OF DISABILITY
AND INCLUSION IN WHEELCHAIR BASKETBALL
OLDROYD, R. [UNITED KINGDOM]

Thursday, 6 July

08:00 - 09:15

IS-SH03

Grand Amphitheatre

Safeguarding athletes in sport: The past, present and future

Chair(s):
HURST, P. [UNITED KINGDOM]
GUILLET DESCAS, E. [FRANCE]

08:00 IS-SH03-1
WHAT HAVE WE LEARNED SO FAR ABOUT
SAFEGUARDING IN SPORT?
KERR, G. [CANADA]

08:25 IS-SH03-2
WHAT ARE WE DOING ABOUT SAFEGUARDING
ATHLETES?
HURST, P. ET AL [UNITED KINGDOM]

08:50 IS-SH03-3
WHAT STILL NEEDS TO BE ACHIEVED TO BEST
SAFEGUARD ATHLETES IN SPORT?
RULOFS, B. [GERMANY]

IS-AP04

Amphitheatre Bordeaux

Technology and Performance in Sports

Chair(s):
MADELEINE, P. [DENMARK]
COLLOUD, F. [FRANCE]

08:00 IS-AP04-1
IDENTIFYING THE ADVANTAGES AND LIMITATIONS
OF SPORTS PERFORMANCE WHEN USING
AUGMENTED REALITY
MADELEINE, P. ET AL [DENMARK]

08:25 IS-AP04-2

UNDERSTANDING THE PLAYER/RACKET INTERACTIONS BASED ON EMBEDDED ACCELEROMETERS DURING RACKET SPORTS PERFORMANCE

CHADEFAUX, D. [FRANCE]

08:50 IS-AP04-3

THE WEARION PROJECT: USING REAL-TIME FEEDBACK FROM INSOLE TECHNOLOGY TO IMPROVE THE BIOMECHANICS OF RUNNING AND REDUCE INJURY RATES.

MEIJER, K. [NETHERLANDS]

OP-PN05

Amphitheatre Havane

Physiology: Energy Metabolism I

Chair(s):

DOYLE-BAKER, P. [CANADA]

KOEHLER, K. [GERMANY]

08:00 [YIA] OP-PN05-1

LOW ENERGY AVAILABILITY IN FEMALE ENDURANCE TRAINED ATHLETES IMPAIRS EXERCISE PERFORMANCE AND INCREASES OXIDATIVE STRESS IN IMMUNE CELLS

JEPPESEN, J. ET AL [DENMARK]

08:15 [YIA] OP-PN05-2

LOW ISOMETRIC KNEE-EXTENSION FORCE AND SLOW FREE-LIVING SIT-TO-STAND TRANSITIONS PREDICT PHYSICAL FUNCTIONAL DECLINE AMONG OLDER ADULTS: 4-YEAR FOLLOW-UP STUDY.

LÖPPÖNEN, A. ET AL [FINLAND]

08:30 [YIA] OP-PN05-3

SHORT BOUTS OF WALKING UP STAIRS REQUIRE MORE METABOLIC POWER THAN LONGER ONES: PHYSIOLOGICAL AND MECHANICAL DETERMINANTS.

LUCIANO, F. ET AL [ITALY]

08:45 [YIA] OP-PN05-4

STRESS FRACTURES, MENSTRUAL IRREGULARITIES

AND LOW ENERGY AVAILABILITY IN ITALIAN ÉLITE TRACK AND FIELD ATHLETES

SPINELLO, G. ET AL [ITALY]

09:00 OP-PN05-5

WITHIN-DAY ENERGY BALANCE AND SYMPTOMS OF RELATIVE ENERGY DEFICIENCY IN SPORT (RED-S) IN RECREATIONAL FEMALE ATHLETES

MOORE, H.L. ET AL [UNITED KINGDOM]

OP-BM04

341

Neuromuscular Physiology

Chair(s):

MONTE, A. [ITALY]

TAKESHITA, D. [JAPAN]

08:00 [YIA] OP-BM04-1

RUNNING IN THE HEAT DOES NOT AFFECT OPERATING FASCICLE LENGTHS COMPARED TO TEMPERATE ENVIRONMENT

MORNAS, A. ET AL [FRANCE]

08:15 [YIA] OP-BM04-2

A 3D ULTRASOUND APPROACH TO ASSESS STATIC LENGTHS AND THE LENGTHENING BEHAVIOUR OF THE GASTROCNEMIUS MEDIALIS MUSCLE AND THE ACHILLES TENDON DURING WALKING IN VIVO – A VALIDITY AND RELIABILITY STUDY

HABERSACK, A. ET AL [AUSTRIA]

08:30 [YIA] OP-BM04-3

COMPARISON OF THE EFFECTS OF LONG-LASTING STATIC STRETCHING AND STRENGTH TRAINING ON MAXIMAL STRENGTH, MUSCLE THICKNESS AND FLEXIBILITY IN THE PLANTAR FLEXORS

WARNEKE, K. ET AL [GERMANY]

08:45 [YIA] OP-BM04-4

KNOWING OR NOT KNOWING - EFFECTS OF A SUSTAINED MVC ON PERFORMANCE FATIGABILITY OF THE CONTRALATERAL HOMOLOGOUS HAND MUSCLE.

MAFFEI, L. ET AL [NETHERLANDS]

09:00 [YIA] OP-BM04-5

ONE-WEEK QUERCETIN INTERVENTION ALTERS THE MOTOR UNIT ACTIVITIES IN YOUNG ADULTS.

NISHIKAWA, T. ET AL [JAPAN]

OP-PN07

342A

Physiology: Fatigue II

Chair(s):

MILLET, G. [FRANCE]

SOUSA, A. [PORTUGAL]

08:00 OP-PN07-1

EXERCISE TOLERANCE IN PATIENTS WITH FRIEDREICH'S ATAXIA

VUKAJ, X. ET AL [ITALY]

08:15 OP-PN07-2

EFFECTS OF PLYOMETRIC EXERCISES WITH BLOOD FLOW RESTRICTION ON POSTACTIVATION PERFORMANCE ENHANCEMENT IN MALE BASKETBALL PLAYERS

HSIN, F.Y. ET AL [TAIWAN]

08:30 OP-PN07-3

A PRIOR HIGH-INTENSITY INTERVAL OR CONSTANT-LOAD WORKOUT DOES NOT ALTER CENTRAL AND PERIPHERAL FATIGUE RESPONSES AT TASK FAILURE

ZHANG, J. ET AL [CANADA]

08:45 OP-PN07-4

INFLUENCE OF INCREASED VALINE INTERMEDIATE 3-HYDROXYISOBUTYRIC ACID IN BRAIN TISSUES ON THE ENDURANCE EXERCISE ABILITY IN RATS

MIYAZAKI, T. ET AL [JAPAN]

OP-PN06

342B

Hormonal Biology I

Chair(s):

COLLOMP, K. [FRANCE]

NOORDHOF, D. [NORWAY]

08:00 [YIA] OP-PN06-1

URINARY EXCRETION OF ANABOLIC STEROID HORMONES DURING THE MENSTRUAL CYCLE IN TRACK AND FIELD ATHLETES

SIPPL, J. ET AL [GERMANY]

08:15 OP-PN06-2

THE INTRA- AND INTER-VARIABILITY OF MENSTRUAL CYCLES IN PROFESSIONAL FEMALE FOOTBALLERS; THE USE OF DAILY HORMONE MEASUREMENTS TO DETERMINE OVULATION.

ANDERSON, R. ET AL [UNITED KINGDOM]

08:30 OP-PN06-3

EFFECTS OF TRAINING PERIODIZATION ON CONDITION CHANGES WITH MENSTRUAL CYCLE IN FEMALE ATHLETES

MOMMA, R. ET AL [JAPAN]

08:45 OP-PN06-4

HORMONAL FLUCTUATIONS IN WOMEN ARE ASSOCIATED WITH CHANGES IN NOCTURNAL HEART RATE AND HEART RATE VARIABILITY

IHALAINEN, J.K. ET AL [FINLAND]

09:00 OP-PN06-5

MATCH WORKLOAD IN FEMALE FOOTBALL PLAYERS VARY ACROSS MENSTRUAL CYCLE PHASES

ANTERO, J. ET AL [FRANCE]

OP-AP30

343

Pacing and Performance

Chair(s):

SKORSKI, S. [GERMANY]

PÉRIARD, J. [AUSTRALIA]

08:00 OP-AP30-1

HOW DO WE LEARN TO PACE THE RACE? EXPLORING THE ROLE OF AGE AND COGNITION IN EFFORT REGULATION.

MENTING, S.G.P. ET AL [NETHERLANDS]

08:15 OP-AP30-2

HOW ACCELERATIONS AND FORCES CHANGE WITH OF RUNNING SPEED AND TECHNIQUE? A PERSPECTIVE STUDY.

KROMBI, M. ET AL [FRANCE]

08:30 OP-AP30-3

GREATER RELATIVE ANAEROBIC CONTRIBUTION TO 1500 M THAN 2000 M MAXIMAL ERGOMETER ROWING PERFORMANCE

ASTRIDGE, D. ET AL [AUSTRALIA]

08:45 OP-AP30-4

DOES SHOOTING PERFORMANCE INFLUENCE PACING STRATEGIES IN SPRINT AND INDIVIDUAL BIATHLON COMPETITION?

JONES, T.W. ET AL [SWEDEN]

IS-MH02

351

Muscle plasticity in immobilisation and trauma and inflammation

Chair(s):

HUREAU, T. [FRANCE]

GREENHAFF, P. [UNITED KINGDOM]

08:00 IS-MH02-1

NEUROPHYSIOLOGICAL ADAPTATION TO

IMMOBILISATION

GAFFNEY, C. [UNITED KINGDOM]

08:25 IS-MH02-2

PLASTICITY OF THE MYOTENDINOUS JUNCTION AND MUSCLE IN INJURY AND RECOVERY

MACKEY, A. [DENMARK]

08:50 IS-MH02-3

THE IMPACT OF IMMOBILISATION AND TRAUMA/ INFLAMMATION ON THE REGULATION OF MUSCLE MASS AND INSULIN RESISTANCE

GREENHAFF, P. [UNITED KINGDOM]

OP-PN21

352A

Strength

Chair(s):

HIRONO, T. [JAPAN]

PAREJA BLANCO, F. [SPAIN]

08:00 OP-PN21-1

ANODAL-TDCS IMPROVES SHORT-TERM STRENGTH TRAINING ADAPTATIONS OF THE KNEE EXTENSORS IN HEALTHY RECREATIONAL INDIVIDUALS.

ANGIUS, L. ET AL [UNITED KINGDOM]

08:15 OP-PN21-2

ACUTE METABOLIC AND NEUROPHYSIOLOGICAL RESPONSES TO HIGH-INTENSITY FULL-SQUAT SESSIONS DIFFERING IN SET CONFIGURATION.

NINE, I. ET AL [SPAIN]

08:30 OP-PN21-3

COMPARISON OF REPEATED BOUT PROTECTIVE EFFECT BETWEEN DIFFERENT ECCENTRIC CONTRACTION MODES

CUTTILL, S.A. ET AL [UNITED KINGDOM]

08:45 OP-PN21-4

RELIABILITY OF INDIRECT ASSESSMENT METHODS OF RETICULOSPINAL TRACT FUNCTION IN HUMANS.

THOMAS, K. ET AL [UNITED KINGDOM]

09:00 OP-PN21-5

RESISTANCE TRAINING IMPROVES MITOCHONDRIAL FUNCTION IN BOTH YOUNG AND OLD WOMEN

GARCÍA-DOMÍNGUEZ, E. ET AL [SPAIN]

OP-BM14

352B

Sprinting

Chair(s):

HEGYI, A. [HUNGARY]

FRÈRE, J. [FRANCE]

08:00 OP-BM14-1

RELATIONSHIPS BETWEEN LOWER BODY STRENGTH CHARACTERISTICS AND INITIAL ACCELERATION COORDINATION IN HIGHLY TRAINED TO WORLD CLASS SPRINTERS

DONALDSON, B. ET AL [SOUTH AFRICA]

08:15 OP-BM14-2

INFLUENCE OF FOOTWEAR ON F-V PROFILE IN SPRINT ACCELERATION

FAGUNDES, A.O. ET AL [BRAZIL]

08:30 OP-BM14-3

HAMSTRING MUSCLE ELECTROMYOGRAPHIC ACTIVITY IN VARIOUS SPRINT DRILLS

PRINCE, C. ET AL [FRANCE]

08:45 OP-BM14-4

LEG JOINT KINETIC DETERMINANTS OF MAXIMAL SPEED SPRINT RUNNING

NAGAHARA, R. [JAPAN]

09:00 OP-BM14-5

MUSCLE ACTIVITY TIMING AND AMPLITUDE IN THE EARLY ACCELERATION PHASE OF CURVE SPRINTING

MILLOT, B. ET AL [FRANCE]

OP-MH09

353

Sedentary behaviour

Chair(s):

GALVANI, C. [ITALY]

WEN, H. [TAIWAN]

08:00 OP-MH09-1

ONLINE CIRCUIT TRAINING INCREASES ADHERENCE TO PHYSICAL ACTIVITY GUIDELINES: A RANDOMIZED CONTROLLED TRIAL OF MEN LIVING WITH OBESITY

BOUCHARD, D.R. ET AL [CANADA]

08:15 OP-MH09-2

PHYSICAL ACTIVITY, SITTING TIME, AND GENERAL HEALTH STATUS: THE IMPACT OF COVID-19 INFECTION

SANTOS, A. ET AL [BRAZIL]

08:30 OP-MH09-3

CEREBROVASCULAR IMPACTS OF BREAKING UP PROLONGED SITTING WITH WALKING AND RESISTANCE ACTIVITIES.

GRIFFITHS, T.D. ET AL [UNITED KINGDOM]

08:45 OP-MH09-4

ACCELEROMETER-DETERMINED MOVEMENT BEHAVIOURS, SARCOPENIA AND SARCOPENIC OBESITY IN COMMUNITY-DWELLING OLDER ADULTS

WIEDMAIER-BARROS, J. ET AL [SPAIN]

09:00 OP-MH09-5

PRESCRIBING AN ADAPTED PHYSICAL ACTIVITY PROGRAM (MATCH) AS USUAL CARE TO PREVENT IATROGENIC DECLINE IN HOSPITALIZED OLDER ADULTS: IS IT POSSIBLE AND BENEFICIAL ?

PEYRUSQUE, E. [CANADA]

OP-AP35

315

Training and Testing: Basketball

Chair(s):

SOUSA, F. [BRAZIL]

MADARAME, H. [JAPAN]

08:00 OP-AP35-1

MOVEMENT CHARACTERISTICS OF MALE AND FEMALE 3-ON-3 BASKETBALL PLAYERS AT NATIONAL AND INTERNATIONAL TOURNAMENTS

SMITH, H.K. ET AL [NEW ZEALAND]

08:15 OP-AP35-2

FUNDAMENTAL AND SPECIFIC MOTOR SKILLS PROFICIENCY IN YOUTH BASKETBALL PLAYERS. THE ROLE OF SPECIFICITY AND COMPLEXITY

FONT-LLADÓ, R. ET AL [SPAIN]

08:30 OP-AP35-3

RELATIONSHIP BETWEEN SALIVARY BIOMARKERS AND EXTERNAL LOAD DURING A PROFESSIONAL MEN'S BASKETBALL GAME

CABARKAPA, D.V. ET AL [UNITED STATES]

08:45 OP-AP35-4

REPEATED JUMP TEST FOR CHILDREN AND ADOLESCENTS AT VARIOUS STAGES OF BASKETBALL GAMES, AND THEIR RELATIONSHIPS TO AEROBIC CAPACITY

MECKEL, Y. ET AL [ISRAEL]

09:00 OP-AP35-5

TRAINING ON SAND OR ON PARQUET: IMPACT OF A PRE-SEASON TRAINING ON SPEED AND JUMP PERFORMANCE IN PROFESSIONAL BASKETBALL PLAYERS

VUONG, J. ET AL [GERMANY]

OP-SH06

361

Psychobiology

Chair(s):

ROLLO, I. [UNITED KINGDOM]

WANG, K. [GERMANY]

08:00 OP-SH06-1

VARIATION OF BLINK RATE AFTER ACUTE VERY LIGHT EXERCISE PREDICTS PREFRONTAL COGNITIVE ENHANCEMENT LEVELS

KUWAMIZU, R. ET AL [JAPAN]

08:15 OP-SH06-2

THE EFFECTS OF NEUROFEEDBACK TRAINING AND PSYCHOLOGICAL SKILLS TRAINING ON PUTTING PERFORMANCE IN EXPERT GOLFERS

HUNG, T. [CHINA]

08:30 OP-SH06-3

AUTOMATED STRESS RECOGNITION AND EVALUATION VIA A SELF-DESIGNED INTERACTIVE VIRTUAL REALITY PLATFORM

TAO, K. ET AL [CHINA]

08:45 OP-SH06-4

ASSOCIATION OF SCREEN TIME AND PHYSICAL ACTIVITY WITH SLEEP QUALITY IN COLLEGE STUDENTS DURING COVID-19 OUTBREAK

LIU, Y. ET AL [CHINA]

09:00 OP-SH06-5

DEVELOPMENT AND EVALUATION OF THE PSYCHOMETRIC PROPERTIES OF A NEW MEASURE OF ATHLETE INSOMNIA: INSOMNIA IN RESPONSE TO SPORTS-RELATED STRESS TEST QUESTIONNAIRE

NEDELEC, M. ET AL [FRANCE]

OP-AP15

362+363

Coaching Strategies

Chair(s):

GRAHAM, L. [UNITED KINGDOM]

GONZÁLEZ GARCÍA, H. [SPAIN]

08:00 OP-AP15-1

TRAINING PRACTICES AND COACHING PHILOSOPHY OF SUCCESSFUL NORWEGIAN NATIONAL COACHES IN ENDURANCE SPORTS
BUCHER SANDBAKK, S. ET AL [NORWAY]

08:15 OP-AP15-2

THE PERCEIVED VALUE OF ATHLETE MONITORING TO ELITE SPORT PRACTITIONERS
NEUPERT, E. [UNITED KINGDOM]

08:30 OP-AP15-3

USE THE 'ARTISTIC LENS': EXPLORING YOUNG PEOPLE'S LEADERSHIP PERCEPTIONS

METTÄLÄ, M. [SWEDEN]

OP-PN23

Bar Arlequin

Immobilization and Recovery

Chair(s):

BREEN, L. [UNITED KINGDOM]

GIRARD, O. [AUSTRALIA]

08:00 OP-PN23-1

DOES HUMAN SKELETAL MUSCLE POSSESS A NEGATIVE MEMORY OF ATROPHY?

TURNER, D.C. ET AL [NORWAY]

08:15 OP-PN23-2

UNEXPECTED HYPERTROPHIC, PHENOTYPICAL, AND OXIDATIVE METABOLISM TRANSCRIPTIONAL ADAPTATIONS IN RESPONSE TO RESISTANCE TRAINING FOLLOWING 10 DAYS OF MUSCLE DISUSE

FRANCHI, M. ET AL [ITALY]

08:30 OP-PN23-3

SHORT-TERM IMMOBILIZATION LOWERS MUSCLE CONNECTIVE PROTEIN SYNTHESIS RATES IN HEALTHY YOUNG ADULTS

HOLWERDA, A.M. ET AL [NETHERLANDS]

08:45 OP-PN23-4

CROSS-EDUCATION EFFECT BY ECCENTRIC VS CONCENTRIC RESISTANCE TRAINING OF THE ELBOW FLEXORS IMMOBILISED BY A CAST

NOSAKA, K. ET AL [AUSTRALIA]

09:00 OP-PN23-5

HEAT THERAPY TO ACCELERATE MUSCLE REGENERATION

DABLAIVILLE, V. ET AL [FRANCE]

OP-SH26

313+314

Well-being and sport

Chair(s):

ABU ALIM, M. [JORDAN]

REINBOTH, M. [NORWAY]

08:00 OP-SH26-1

WHY ARE YOU DOING THIS? THE RELATIONSHIP BETWEEN MALTREATMENT HISTORY AND SPORTS MOTIVATION USING THE SELF-DETERMINATION THEORY.

RODRIGUE, C. ET AL [CANADA]

08:15 OP-SH26-2

CONFLICTING OR ENRICHING? WEEKLY FOLLOW-UP OF THE RELATIONSHIPS BETWEEN STUDENT-ATHLETES' ROLE INTERACTIONS AND WELL-BEING

LEFEBVRE DU GROSRIEZ, S. ET AL [FRANCE]

08:30 OP-SH26-3

IS A COACH INDUCED EMPOWERING CLIMATE A PROTECTIVE FACTOR AGAINST (PEER) INTERPERSONAL VIOLENCE IN SPORT GROUPS?

OHLERT, J. ET AL [GERMANY]

08:45

OP-SH26-4

ASSOCIATIONS BETWEEN BELIEFS REGARDING INSTRUMENTAL EFFECTS OF MALTREATMENT AND COACH PSYCHOLOGICAL MALTREATMENT AND NEGLECT BEHAVIORS

PARENT, S. ET AL [CANADA]

09:00 OP-SH26-5

BULLYING IN SPORT: A CASE STUDY OF HUNGARIAN SWIMMING

SZEKERES, D. ET AL [HUNGARY]

Thursday, 6 July

09:30 - 10:45

IS-PN07

Grand Amphitheatre

Mitigating the effects of heat stress during the 2024 Paris Olympics

Chair(s):

PÉRIARD, J. [AUSTRALIA]

MALGOYRE, A. [FRANCE]

09:30 IS-PN07-1

PRACTICAL APPROACHES TO MINIMISE THE IMPACT OF DEHYDRATION ON ATHLETE PERFORMANCE

JAMES, L. [UNITED KINGDOM]

09:55 IS-PN07-2

COOLING STRATEGIES FOR ELITE ATHLETES: BENEFICIAL EFFECTS ON EXERCISE PERFORMANCE AND PRACTICE CONSIDERATIONS

BONGERS, C. [NETHERLANDS]

10:20 IS-PN07-3

HEAT ACCLIMATION AND THE ELITE ATHLETE: BENEFITS AND INTEGRATION INTO THE TRAINING PROGRAMME

PÉRIARD, J. [AUSTRALIA]

OP-PN15

Amphitheatre Bordeaux

Muscle Metabolism I

Chair(s):

CANNATARO, R. [ITALY]

BECK, W. [BRAZIL]

09:30 OP-PN15-1

NIRS ASSESSMENT OF MICROVASCULAR FUNCTION AND MUSCLE OXIDATIVE CAPACITY IN PATIENTS WITH FRIEDREICH'S ATAXIA

NERI, M. ET AL [ITALY]

09:45 OP-PN15-2

NEAR-INFRARED SPECTROSCOPY MUSCLE OXYGEN SATURATION AND HEART RATE IN MAXIMAL EXERCISE: COMPARISON BETWEEN TREADMILL, ELLIPTICAL TRAINER AND CYCLE ERGOMETRY

ABRANTES, C. ET AL [PORTUGAL]

10:00 OP-PN15-3

INFLUENCE OF EXERCISE DURATION AND TRAINING ON THE FUNCTIONAL RESERVE DURING SUPRAMAXIMAL EXERCISE TO EXHAUSTION

GARCÍA-GONZÁLEZ, E. ET AL [SPAIN]

10:15 OP-PN15-4

CARDIORESPIRATORY FITNESS MEDIATES ISOMETRIC AND ISOKINETIC STRENGTH EFFECTS IN MAXIMAL FAT OXIDATION IN TYPE 2 DIABETES.

OPAZO-DÍAZ, E. ET AL [SPAIN]

IS-BM02

Amphitheatre Havane

Strategies for musculoskeletal loading modification to reduce injury risk in running

Chair(s):

MALISOUX, L. [LUXEMBOURG]

EDOUARD, P. [FRANCE]

09:30 IS-BM02-1

SELF-OPTIMIZED RUNNING STYLES: SHOULD WE CHANGE THE WAY WE RUN?

VANWANSELEE, B. [BELGIUM]

09:55 IS-BM02-2

EFFECT OF WEARABLE-BASED REAL-TIME FEEDBACK ON MUSCULOSKELETAL LOADING TO REDUCE INJURIES

VAN HOOREN, B. [NETHERLANDS]

10:20 IS-BM02-3

THE RUNNING SHOE AS A STRATEGY TO MODIFY MUSCULOSKELETAL LOADING AND PREVENT RUNNING-RELATED INJURIES

MALISOUX, L. [LUXEMBOURG]

OP-AP39

341

Running Physiology

Chair(s):

GORDON, D. [UNITED KINGDOM]

MUNIZ PUMARES, D. [UNITED KINGDOM]

09:30 OP-AP39-1

RUNNING ON ROAD OR TRAIL, WHAT IS THE DIFFERENCE IN ENERGY COSTS AND PERCEIVED EXERTION

LAMBERTS, R.P. ET AL [SOUTH AFRICA]

09:45 OP-AP39-2

EFFECTS OF NIKE VAPORFLY NEXT% SHOES

ON RUNNING ECONOMY, BLOOD LACTATE CONCENTRATION, AND ENERGY EXPENDITURE – A SINGLE CASE FIELD STUDY

TRISKA, C. ET AL [AUSTRIA]

10:00 OP-AP39-3

BRIDGING THE GAP BETWEEN CRITICAL VELOCITY AND MAXIMAL LACTATE STEADY-STATE
QUITTMANN, O.J. ET AL [GERMANY]

10:15 OP-AP39-4

PERSPECTIVES OF DETRENDED FLUCTUATION ANALYSIS (DFA) OF HEART RATE VARIABILITY (HRV) FOR EXERCISE PRESCRIPTION AT THE BOUNDARY OF MODERATE TO HEAVY INTENSITY
GRONWALD, T. ET AL [GERMANY]

10:30 OP-AP39-5

INDIVIDUALIZED LOW-INTENSITY JOGGING WITHIN RECOVERY ZONE 1 INCREASES THE ABILITY OF ENERGETIC RECOVERY IN PROFESSIONAL SOCCER PLAYERS
PARK, S. [KOREA, SOUTH]

OP-BM07

342A

Neuromuscular Physiology: Fatigue II

Chair(s):

NICOL, C. [FRANCE]

MACCHI, R. [FRANCE]

09:30 OP-BM07-1

PERIPHERAL ALTERATIONS AND INCREASED PERCEIVED FATIGUE CONTRIBUTE TO ACUTE CROSSED FATIGUE AFTER A UNILATERAL SUBMAXIMAL ECCENTRIC KNEE FLEXOR EXERCISE
GIODA, J. ET AL [FRANCE]

09:45 OP-BM07-2

REPEATED EXPLOSIVE CONTRACTIONS OF DORSIFLEXOR MUSCLES AFFECT THE MAXIMAL VOLUNTARY FORCE, RATE OF FORCE DEVELOPMENT AT MAXIMAL AND SUBMAXIMAL LEVELS, MAGNITUDE AND COMPLEXITY OF FORCE FLUCTUATIONS

D'EMANUELE, S. ET AL [ITALY]

10:00 OP-BM07-3

NEUROMUSCULAR FATIGUE IMPROVEMENTS AND HEAT ADAPTATIONS CAN BE PRESERVED 20 DAYS AFTER HEAT-ACCLIMATION.

DI DOMENICO, H. ET AL [FRANCE]

10:15 OP-BM07-4

ACCELERATED RECOVERY OF NEUROMUSCULAR FUNCTION FOLLOWING LOW-LOAD CONTINUOUS BLOOD FLOW RESTRICTION EXERCISE COMPARED TO HIGH-LOAD RESISTANCE TRAINING

DAVIDS, C.J. ET AL [AUSTRALIA]

10:30 OP-BM07-5

PHYSICAL FATIGUE IN SPRINTING FORCE-VELOCITY PROFILE: EFFECT OF MATURATION IN RUGBY PLAYERS

GALANTINE, P. ET AL [FRANCE]

OP-AP23

342B

Interval Sprint Training

Chair(s):

SPERLICH, B. [GERMANY]

MAZZOLARI, R. [AUSTRIA]

09:30 OP-AP23-1

EFFECT OF DIFFERENT EXERCISE-TO-REST RATIOS DURING REPEATED-SPRINT TRAINING IN HYPOXIA INCLUDED IN A CLASSICAL ALTITUDE CAMP

BOUTEN, J. ET AL [FRANCE]

09:45 OP-AP23-2

IMPROVEMENTS IN MAXIMAL OXYGEN UPTAKE PLATEAU AFTER TWO WEEKS OF SPRINT INTERVAL TRAINING.

LLORIA-VARELLA, J. ET AL [FRANCE]

10:00 OP-AP23-3

SEMITENDINOSUS HYPERTROPHY IS LINKED TO IMPROVEMENT IN SPRINT PERFORMANCE AFTER ONE YEAR OF SPRINT-BASED TRAINING: AN OBSERVATIONAL STUDY

KAWAMA, R. ET AL [JAPAN]

10:15 OP-AP23-4

SHOULD I REST OR SHOULD I GO NOW? A COMPARISON BETWEEN FIXED AND SELF-SELECTED REST DURATIONS IN HIGH-INTENSITY INTERVAL TRAINING CYCLING SESSIONS
COLORNI, E. ET AL [ISRAEL]

10:30 OP-AP23-5

THE EFFECT OF OVERSPEED TRAINING ON MAXIMUM VELOCITY IN TRAINED INDIVIDUALS- A PILOT STUDY

INGLIMA, S. ET AL [UNITED STATES]

OP-BM24

343

Motor control

Chair(s):

RAGERT, P. [GERMANY]

STEIN, T. [GERMANY]

09:30 OP-BM24-1

SPORTS INFLUENCE ON MANUAL DEXTERITY DEVELOPMENT: AN OBSERVATIONAL STUDY ON A YOUNG HEALTHY POPULATION

AMATO, A. ET AL [ITALY]

09:45 OP-BM24-2

PUTTING YIPS IN GOLF NOVICES. PREVALENCE AND TASK DEPENDENCY
HAGGENMÜLLER, K. ET AL [GERMANY]

10:00 OP-BM24-3

THE RETENTION OF EXPLICIT BUT NOT IMPLICIT MOTOR MEMORY CAN BE IMPAIRED BY CARDIOVASCULAR EXERCISE: THE MODERATING EFFECT OF FITNESS LEVEL

KRAFT, V.S. ET AL [GERMANY]

10:15 OP-BM24-4

INTERNAL PROCESSES OF OUTCOME PREDICTION IN BASKETBALL – AN EEG STUDY

MAURER, L.K. ET AL [GERMANY]

IS-MH04

351

Exercise for skeletal muscle ageing: mechanisms and mitigation

Chair(s):

EYNON, N. [AUSTRALIA]

SIMONEAU-BUESSINGER, E. [FRANCE]

09:30 IS-MH04-1

EXERCISE REJUVENATES THE MOLECULAR PROFILE OF AGEING IN SKELETAL MUSCLE

EYNON, N. [AUSTRALIA]

09:55 IS-MH04-2

HIIT TO GET FIT? NOVEL AND TRADITIONAL EXERCISE MODES TO IMPROVE MUSCLE HEALTH IN OLDER ADULTS AND PATIENT COHORTS

MACDONALD, M. [CANADA]

10:20 IS-MH04-3

NOT SARCOPENIC! SKELETAL MUSCLE IN OLDER EXERCISERS AND MASTERS ATHLETES

HARRIDGE, S. [UNITED KINGDOM]

OP-AP13

352A

Virtual Reality Training

Chair(s):

GROSPRETRE, S. [FRANCE]

MULTON, F. [FRANCE]

09:30 OP-AP13-1

A COMPARISON OF THE INTENSITY AND PLEASURE EXPERIENCE DURING VIRTUAL REALITY BOXING AND PUNCHING BAG BOXING.

AERENHOUTS, D. ET AL [BELGIUM]

09:45 OP-AP13-2

SENSITIVE EXPERIENCE OF THE HIGH-LEVEL GYMNAST: 3D IMMERSION AND TRAINING IN VIRTUAL REALITY

PAINTENDRE, A. ET AL [FRANCE]

10:00 OP-AP13-3

THE USE OF 360° VIDEO IN SWIMMING EDUCATION

ROCHE, L. ET AL [CANADA]

10:15 OP-AP13-4

ANTICIPATION PERFORMANCE IN VIRTUAL REALITY BOXING: IMPACT OF GAZE-CONTINGENT BLUR ON ELITE BOXERS.

LIMBALLE, A. ET AL [FRANCE]

10:30 OP-AP13-5

THE EFFECT OF STATIC QIGONG PRACTICE IN TWO TYPES OF CONDITIONS - STANDARD AND USING VIRTUAL REALITY

ANGELOV, V. [BULGARIA]

OP-MH25

352B

Physical activity/Inactivity I

Chair(s):

LANE, A. [UNITED KINGDOM]

BERNHARDT, V. [UNITED STATES]

09:30 OP-MH25-1

THE EFFECTS OF REDUCING SEDENTARY TIME ON SKELETAL MUSCLE INSULIN SENSITIVITY – A RANDOMIZED CONTROLLED TRIAL

SJÖROS, T. ET AL [FINLAND]

09:45 OP-MH25-2

ASSOCIATIONS OF DOMAIN-SPECIFIC PHYSICAL ACTIVITY AND SEDENTARY BEHAVIOR WITH BLOOD LIPID PROFILE AMONG JAPANESE CHILDREN: A COMPOSITIONAL DATA ANALYSIS

KIDOKORO, T. ET AL [JAPAN]

10:00 OP-MH25-3

EFFECT OF PHYSICAL ACTIVITY PROGRAM ON SLEEP AND SLEEP-RELATED VARIABLES: A RANDOMIZED CONTROLLED TRIAL

BARON, P. [FRANCE]

10:15 OP-MH25-4
TOWARDS A MORE HOLISTIC APPROACH TO DESCRIBE THE DIFFERENCE BETWEEN MEN AND WOMEN IN PHYSICAL ACTIVITY AND SEDENTARY BEHAVIOUR: DATA FROM A NATIONAL SAMPLE IN LUXEMBOURG

BACKES, A. ET AL [LUXEMBOURG]

10:30 OP-MH25-5
COLLAGEN PEPTIDE SUPPLEMENTATION BEFORE BEDTIME REDUCES SLEEP FRAGMENTATION AND IMPROVES COGNITIVE FUNCTION IN MEN WITH SLEEP COMPLAINTS

CLIFFORD, T. ET AL [UNITED KINGDOM]

OP-BM17

353

Coordination

Chair(s):

DUNSKY, A. [ISRAEL]

TANG, W. [TAIWAN]

09:30 OP-BM17-1
RELIABILITY OF EVENT-RELATED SPECTRAL PERTURBATIONS IN TARGET-DIRECTED KICKING IN SOCCER

PISKIN, D. ET AL [GERMANY]

09:45 OP-BM17-2
INCREASE IN SULCAL DEPTH AFTER 12 WEEKS OF A PHYSICAL ACTIVITY BREAK WITH COORDINATIVE EXERCISES

SCHARF, C. ET AL [AUSTRIA]

10:00 OP-BM17-3
BALANCE BIKE: AN EVIDENCED SOLUTION FOR LEARNING TO CYCLE INDEPENDENTLY IN HEALTHY ADULTS

CHOW, G.C.C. [HONG KONG]

10:15 OP-BM17-4
A STUDY ON THE EFFECT OF COLOR VISION STIMULATION BY COLORED GLASSES LENSES ON MOTOR CONTROL ABILITY

ZHANG, W. ET AL [JAPAN]

10:30 OP-BM17-5
CONCURRENT ACTIVATION POTENTIATION IMPROVES LOWER-LIMB MAXIMAL STRENGTH BUT NOT DYNAMIC BALANCE IN RUGBY PLAYERS

RIZZATO, A. ET AL [ITALY]

OP-MH11

315

Resistance training in cancer patients

Chair(s):

ALEGRE, L. [SPAIN]

ALCAZAR, J. [SPAIN]

09:30 OP-MH11-1
NO ADVERSE EFFECTS ON THE ARMS VOLUME DIFFERENCE AND SHOULDER-ARM DISABILITIES AFTER A 12-WEEKS RESISTANCE TRAINING PROGRAM IN FEMALE BREAST CANCER SURVIVORS: EFICAN STUDY.

ESTEBAN-SIMÓN, A. ET AL [SPAIN]

09:45 OP-MH11-2
FEASIBILITY OF PROGRESSIVE RESISTANCE TRAINING IN BREAST CANCER SURVIVORS SUFFERING FROM PERSISTENT PAIN

MADELEINE, P. ET AL [DENMARK]

10:00 OP-MH11-3
EFFECTS OF ECCENTRIC VERSUS CONCENTRIC CYCLING EXERCISE ON NEUROMUSCULAR FATIGUE AND MUSCLE DAMAGE IN PATIENTS WITH BREAST CANCER

HUCTEAU, E. ET AL [FRANCE]

10:15 OP-MH11-4
EFFECTS OF HIGH VS. MODERATE INTENSITY COMBINED STRENGTH AND ENDURANCE TRAINING DURING CHEMOTHERAPY ON CARDIORESPIRATORY FITNESS, MUSCLE STRENGTH AND ENDURANCE IN WOMEN WITH BREAST CANCER

WIESTAD, T.H. ET AL [NORWAY]

10:30 OP-MH11-5
EFFECTS OF HEAVY-LOAD STRENGTH TRAINING

DURING (NEO-)ADJUVANT CHEMOTHERAPY ON CARDIORESPIRATORY FITNESS, MITOCHONDRIAL ENZYMES AND CAPILLARIES IN WOMEN WITH BREAST CANCER

VIKMOEN, O. ET AL [NORWAY]

OP-SH13

361

Sport Management and Law II

Chair(s):

STOIAN, I. [ROMANIA]

BALAGUER, I. [SPAIN]

09:30 OP-SH13-1
RESIDENTS' PERCEIVED QUALITY OF LIFE TOWARDS SPORTS EVENTS: SYSTEMATIC LITERATURE REVIEW AND META-ANALYSIS

CHEN, H.W. ET AL [TAIWAN]

09:45 OP-SH13-2
CAN THE CREDIBILITY OF GLOBAL SPORT ORGANIZATIONS BE RESTORED? A CASE STUDY OF THE ATHLETICS INTEGRITY UNIT (AIU)

FABIEN, O. ET AL [SWITZERLAND]

10:00 OP-SH13-3
THE ROLE OF RURAL SPORTS PROGRAMS IN POVERTY ALLEVIATION AND THE PREVENTION OF POVERTY RETURNING IN CHINA

ZHANG, S.G. [CHINA]

OP-MH10

Bar Arlequin

Cardiovascular disease/Hypertension

Chair(s):

SOUZA, H. [BRAZIL]

ASKEW, C. [AUSTRALIA]

09:30 OP-MH10-1
BENEFICIAL EFFECTS OF A PERSONALIZED E-TRAINING PROGRAM IN MARFAN PATIENTS:

THE FIRST RANDOMIZED CONTROLLED STUDY

JOUINI, S. ET AL [FRANCE]

09:45 OP-MH10-2
THE EFFECT OF AEROBIC TRAINING ON EXERCISE-INDUCED HYPERTENSION IN ADULTS WITH PERSISTENT OR PERMANENT ATRIAL FIBRILLATION: A SECONDARY ANALYSIS OF THE OPPORTUNITY TRIAL.

WAY, K.L. ET AL [AUSTRALIA]

10:00 OP-MH10-3
EVENING BUT NOT MORNING AEROBIC-TRAINING IMPROVES SYMPATHETIC ACTIVITY AND PERIPHERAL BAROREFLEX SENSITIVITY IN TREATED HYPERTENSIVE ELDERLY PATIENTS: A RANDOMIZED CLINICAL TRIAL

FORJAZ, C. ET AL [BRAZIL]

10:15 OP-MH10-4
EFFECTS OF DIFFERENT MODES OF ISOMETRIC RESISTANCE TRAINING ON AMBULATORY BLOOD PRESSURE VARIABILITY IN HEALTHY NORMOTENSIVES

BAROSS, A.W. ET AL [UNITED KINGDOM]

10:30 OP-MH10-5
THE EFFECTS OF COCOA FLAVANOLS ON UPPER AND LOWER LIMBS DURING UNINTERRUPTED SITTING: INSIGHTS INTO MACRO- AND MICROVASCULAR FUNCTION

DANIELE, A. ET AL [UNITED KINGDOM]

OP-SH07

313+314

Physical activity promotion I

Chair(s):

SOOS, I. [HUNGARY]

MACKINTOSH, K. [UNITED KINGDOM]

09:30 OP-SH07-1
STRENGTHENING COMPETENCES OF FUTURE HEALTH PROFESSIONALS IN PHYSICAL ACTIVITY PROMOTION: THE DEVELOPMENT OF AN INTERPROFESSIONAL PEDAGOGICAL TOOL ON THE EXAMPLE OF THE COMMUNITY-BASED

PROGRAM: "MOVE Y

WEGRZYK, J. ET AL [SWITZERLAND]

09:45 OP-SH07-2
NEGOTIATING A PHYSICALLY ACTIVE LIFE DURING THE SCHOOL DAY → AN ETHNOGRAPHIC MULTIPLE CASE STUDY IN SWEDISH SECONDARY SCHOOLS

HOY, S. ET AL [SWEDEN]

10:00 OP-SH07-3
CORPORATE WELLNESS: INTERVENTION TO PROMOTE PHYSICAL ACTIVITY, ERGONOMICS, HEALTH AND ACTIVE LIFESTYLE WITH ONE YEAR FOLLOW-UP

FRACCA, I. [ITALY]

Thursday, 6 July

13:15 - 14:30

IS-AP05

Grand Amphitheatre

Repeated Sprint in Hypoxia – What now? what next?

Chair(s):

MILLET, G. [SWITZERLAND]

HUREAU, T. [FRANCE]

13:15 IS-AP05-1
HAPPY BIRTHDAY RSH - 10 YEARS OF INNOVATION - AN UPDATE

MILLET, G. [SWITZERLAND]

13:40 IS-AP05-2
RSH AND DIETARY NITRATE SUPPLEMENTATION: IS IT THE WHOLE GREATER THAN THE SUM OF ITS PARTS?

SOUSA, A. [PORTUGAL]

14:05 IS-AP05-3
COMBINING ENVIRONMENTAL STRESSORS WITH REPEATED-SPRINT TRAINING IN HYPOXIA: WHAT

TO EXPECT, WHERE TO GO?
BROCHERIE, F. [FRANCE]

OP-PN16

Amphitheatre Bordeaux

Muscle Metabolism II

Chair(s):
MESSONNIER, L. [FRANCE]
FERRETTI, G. [ITALY]

13:15 OP-PN16-1

UNDERLYING SKELETAL MUSCLE DETERMINANTS OF THE FORCE-VELOCITY-ENDURANCE PROFILE OF ELITE ENDURANCE ATHLETES

BLERVAQUE, L. ET AL [FRANCE]

13:30 OP-PN16-2

A PHYSIOLOGICAL REDUCTION IN PH PROVIDES A POTENTIAL MECHANISM FOR THE PREFERENTIAL INHIBITION OF LIPID METABOLISM WITH INCREASING EXERCISE INTENSITY

FRANGOS, S.M. ET AL [CANADA]

13:45 OP-PN16-3

RESISTANCE-ONLY AND CONCURRENT EXERCISE INDUCE SIMILAR MYOFIBRILLAR PROTEIN SYNTHESIS AND ASSOCIATED MOLECULAR RESPONSES IN MODERATELY ACTIVE MEN

LEE, M.J. ET AL [AUSTRALIA]

14:00 OP-PN16-4

HIGH-VOLUME STRENGTH TRAINING DECREASES MITOCHONDRIAL RESPIRATORY CAPACITY IN SKELETAL MUSCLE OF YOUNG WELL-TRAINED ROWERS

PETERSEN, E. ET AL [DENMARK]

14:15 OP-PN16-5

THE IMPACT OF MUSCLE MITOCHONDRIAL UNCOUPLING AND CARDIAC OUTPUT ON VO2PEAK IN SINGLE-LEG KNEE EXTENSION EXERCISE

GIURIATO, G. [ITALY]

OP-AP16

Amphitheatre Havane

Force Velocity Profiling and Training

Chair(s):
FOLLAND, J. [UNITED KINGDOM]
SHIMA, N. [JAPAN]

13:15 OP-AP16-1

WEIGHTLIFTING PERFORMANCE IS CORRELATED WITH SQUAT JUMP MAXIMAL POWER, BUT NOT WITH VERTICAL FORCE VELOCITY IMBALANCE

LANTERI, T. ET AL [FRANCE]

13:30 OP-AP16-2

CAN SET CONFIGURATION MODULATE FORCE-VELOCITY PROFILES IN UNTRAINED LIMB? THE CROSS EDUCATION PHENOMENON.

FARIÑAS, J. ET AL [SPAIN]

13:45 OP-AP16-3

EFFECT OF VELOCITY ON POWER-DURATION RELATIONSHIP IN JUMPING: TOWARDS AN INDIVIDUAL FORCE-VELOCITY-ENDURANCE PROFILE

SAMOZINO, P. ET AL [FRANCE]

14:00 OP-AP16-4

FORCE-VELOCITY-ENDURANCE PROFILING APPLIED TO ROWING PERFORMANCE

DELHAYE, C. ET AL [FRANCE]

OP-AP38

341

Fatigue

Chair(s):
PATTYN, N. [BELGIUM]
MARTINEZ GONZALEZ, B. [ITALY]

13:15 OP-AP38-1

THE INTERACTIONS OF EXERCISE INTENSITY, MODALITY, AND DURATION ON CONCURRENT EXECUTIVE FUNCTION PERFORMANCE AMONG

HIGHLY TRAINED ATHLETES
DONG, L. ET AL [CANADA]

13:30 OP-AP38-2

CHANGES IN ELECTRICAL IMPEDANCE MYOGRAPHY (EIM) INDUCED BY FATIGUING CONTRACTIONS AND THE TIME-COURSE OF RECOVERY

LONGO, S. ET AL [ITALY]

13:45 OP-AP38-3

EFFECT OF THE PRE-TAPER LEVEL OF FATIGUE ON THE TAPER-INDUCED CHANGE IN PERFORMANCE IN ELITE SWIMMERS

BRETONNEAU, Q. ET AL [FRANCE]

14:00 OP-AP38-4

PREDICTION OF SOCCER PLAYERS' FATIGUE: A MACHINE LEARNING APPROACH

SIMONELLI, C. ET AL [ITALY]

IS-SH04

342A

Winning at all costs? Current approaches to preventing doping in sport and exercise

Chair(s):
MANGES, T. [GERMANY]
BOISSEAU, N. [FRANCE]

13:15 IS-SH04-1

KNOWLEDGE IS NOT ENOUGH! WHY VALUES-BASED DOPING PREVENTION COULD COMPLEMENT TRADITIONAL INFORMATION-BASED APPROACHES

ELBE, A.M. [GERMANY]

13:40 IS-SH04-2

ANTI-DOPING EDUCATION: EXISTING EVIDENCE AND FUTURE TRENDS

BARKOUKIS, V. [GREECE]

14:05 IS-SH04-3

A POSITIVE APPROACH TO TACKLING DOPING IN RECREATIONAL SPORT: EVIDENCE FROM THE MINDFUL MUSCLES PROJECT

LAZURAS, L. [UNITED KINGDOM]

OP-BM18

342B

Muscle function

Chair(s):
MONTE, A. [ITALY]
ROSS, S. [CANADA]

13:15 OP-BM18-1

CHARACTERIZING THE LIGAND-BINDING BEHAVIOR BEHIND MUSCLE SYNERGISM BY ELASTOGRAPHY

GRINSPAN, G. ET AL [URUGUAY]

13:30 OP-BM18-2

CONTROLLING THE STRENGTH OF MAMMALIAN SKELETAL MUSCLE CONTRACTION BY THE THICK AND THIN FILAMENTS

HILL, C. ET AL [UNITED KINGDOM]

13:45 OP-BM18-3

DISTINCT MUSCLE FIBER TYPE DISTRIBUTIONS AFFECT WHOLE-BODY ENERGY RATE OF ISOLATED PLANTAR FLEXOR CONTRACTIONS AND THE ENERGY COST OF LOCOMOTION NEAR THE WALK-TO-RUN TRANSITION SPEED

SWINNEN, W. ET AL [BELGIUM]

14:00 OP-BM18-4

THREE-DIMENSIONAL SHAPE OF SKELETAL MUSCLE CONTRIBUTES TO MUSCLE STRENGTH EXERTION

UMEHARA, J. ET AL [JAPAN]

OP-AP14

343

Coaching: Talent Development

Chair(s):
GROVER, V. [INDIA]
ISLAM, M. [BANGLADESH]

13:15 OP-AP14-1

CONTEMPORARY CROSS-CULTURAL VARIATIONS OF TALENT CONSTRUCTIONS IN A WESTERN-EUROPEAN CONTEXT

MONSEES, L. [SWEDEN]

13:30 OP-AP14-2

DETECTING INTERESTS AND THUS TALENTS: ELEMENTARY SCHOOL CHILDREN AND THEIR PROFILES OUT OF SPORTING ABILITIES AND PREFERENCES

SPIES, F. ET AL [GERMANY]

13:45 OP-AP14-3

TALENT DEVELOPMENT ENVIRONMENTS IN NORWEGIAN AGE-SPECIFIC NATIONAL TEAMS IN HANDBALL AND ICE HOCKEY

MEHUS, I. ET AL [NORWAY]

IS-MH06

351

New targets for exercise in cardiac rehabilitation

Chair(s):
MAUFRAIS, C. [FRANCE]
NAYLOR, L. [AUSTRALIA]

13:15 IS-MH06-1

EXERCISE TRAINING IN STABLE ANGINA PECTORIS: THE EVIDENCE, THE HURDLES AND THE FUTURE

DE KONING, I. [NETHERLANDS]

13:40 IS-MH06-2

EXERCISE IN THE PREVENTION AND

MANAGEMENT OF ATRIAL FIBRILLATION
THIJSSSEN, D. [UNITED KINGDOM]

14:05 IS-MH06-3

EXERCISE IN CARDIO-ONCOLOGY
NAYLOR, L. [AUSTRALIA]

OP-MH14

352A

Sarcopenia

Chair(s):
CSAPO, R. [AUSTRIA]
PORCELLI, S. [ITALY]

13:15 OP-MH14-1

HOME BASED, APP-MONITORED PHYSICAL EXERCISE INTERVENTION FOR OLDER PEOPLE WITH SARCOPENIA. PRELIMINARY RESULTS OF THE GROW YOUR MUSCLE (GYM) STUDY.

BONATO, M. ET AL [ITALY]

13:30 OP-MH14-2

ASSOCIATIONS BETWEEN PHYSICAL ACTIVITY VOLUME AND INTENSITY AND KEY COMPONENTS OF SARCOPENIA: FINDINGS FROM THE MASS_LIFECOURSE STUDY

HURST, C. ET AL [UNITED KINGDOM]

13:45 OP-MH14-3

EFFECT OF RESISTANCE TRAINING AT MODERATE ALTITUDE ON SERUM MUSCLE DAMAGE BIOMARKERS

PEREZ REGALADO, S. ET AL [SPAIN]

14:00 OP-MH14-4

SARCOPENIA EXACERBATES MUSCLE FATIGABILITY DURING KNEE-EXTENSOR DYNAMIC CONTRACTIONS IN OLD ADULTS

GATTI, M. ET AL [ITALY]

14:15 OP-MH14-5

IMPACT OF ONLINE PHYSICAL ACTIVITY COMBINED WITH FUNCTIONAL BARS ON UREMIC SARCOPENIA IN NON-DIALYSIS CHRONIC KIDNEY DISEASE PATIENTS

MURRI, A. ET AL [ITALY]

OP-MH27

352B

Physical activity/Inactivity II

Chair(s):
ALAHMADI, M. [SAUDI ARABIA]
ABELN, V. [GERMANY]

13:15 OP-MH27-1

HOME-BASED EXERCISE AND AMINO ACIDS SUPPLEMENTATION INCREASE MUSCLE STRENGTH IN OLDER PEOPLE: A RANDOMIZED CONTROL TRIALS

BORGHIS, S. ET AL [ITALY]

13:30 OP-MH27-2

LONG-TERM PARTICIPATION AFTER SEVERE BURN INJURY: IS PHYSICAL FITNESS, FATIGUE, AND PHYSICAL ACTIVITY LEVEL ASSOCIATED WITH SOCIAL PARTICIPATION? PRELIMINARY RESULTS OF A CROSS-SECTIONAL STUDY

PRENT, J.M. ET AL [NETHERLANDS]

13:45 OP-MH27-3

PHYSICAL ACTIVITY BEHAVIOR OF AN IN-PATIENT POPULATION WITH ANOREXIA NERVOSA: A COMPARISON WITH HEALTHY CONTROLS

RAUSCH, L.K. ET AL [AUSTRIA]

14:00 OP-MH27-4

ASSOCIATION OF MUSCULAR ENDURANCE/ STRENGTH WITH MOVEMENT-EVOKED PAIN IN PATIENTS WITH NON-SPECIFIC CHRONIC LOW BACK PAIN: THE BACKFIT PROJECT.

SEGURA-JIMÉNEZ, V. ET AL [SPAIN]

OP-BM22

353

Jumping and landing I

Chair(s):
STRIKE, S. [UNITED KINGDOM]
PATIKAS, D. [GREECE]

13:15 OP-BM22-1

NO CONTRIBUTION OF PRESYNAPTIC INHIBITION PATHWAYS TO IA AFFERENT DEPRESSION IN THE SOLEUS MUSCLE DURING DROP LANDINGS

SOTER, K. ET AL [GERMANY]

13:30 OP-BM22-2

LANDING FROM A COUNTER-MOVEMENT JUMP IN ALTERED GRAVITY CONDITIONS. CURRENT KNOWLEDGE AND FUTURE DIRECTIONS

GAMBELL, C.N. ET AL [SOUTH AFRICA]

13:45 OP-BM22-3

BIOMECHANICAL PARAMETERS OF THE LOWER LIMBS WHEN LANDING FROM A JUMP DURING CHILDHOOD

TOUSSAINT, T. ET AL [BELGIUM]

14:00 OP-BM22-4

HOW BIOMECHANICAL STABILITY DEFICITS DURING UNPLANNED SINGLE-LEG LANDINGS RELATE TO SELECTED MARKERS OF PURE COGNITIVE AND COGNITIVE-MOTOR FUNCTION?

GIESCHE, F. ET AL [GERMANY]

14:15 OP-BM22-5

MUSCLE ACTIVITY PRE AND POST DROP JUMP LANDING IN CHRONIC ANKLE INSTABILITY DURING REHABILITATION

FENNEN, L. ET AL [GERMANY]

OP-BM28

315

Gait

Chair(s):
GUO, L. [TAIWAN]
BISSAS, A. [UNITED KINGDOM]

13:15 OP-BM28-1

THE EFFECT OF TRUNK INCLINATION ON CENTER OF MASS DYNAMICS AND STEP-TO-STEP TRANSITION

NUNEZ-LISBOA, M. ET AL [CHILE]

13:30 OP-BM28-2

DIFFERENCES IN EEG DELTA FREQUENCY BAND BETWEEN TREADMILL AND OVERGROUND WALKING

THARAWADEEPIMUK, K. [THAILAND]

13:45 OP-BM28-3

DIFFERENCES IN SQUAT AND STAIR DESCENT LOWER LIMB KINEMATICS BETWEEN HEALTHY CONTROLS AND PATIENTS WITH PATELLOFEMORAL PAIN

PAPADOPOULOS, K. ET AL [UNITED KINGDOM]

14:00 OP-BM28-4

REDUCED SHOE DROP IN CHILDREN INDUCES A MORE MID-FOREFOOT FOOTSTRIKE WHILE SPRINTING BUT NOT WHILE WALKING

MARCHIS, A. ET AL [FRANCE]

OP-SH08

361

Cognition I

Chair(s):
LUDYGA, S. [SWITZERLAND]
BUDDE, H. [GERMANY]

13:15 OP-SH08-1

COGNITIVE FUNCTION IN RESPONSE TO AN ACUTE, HIGH INTENSITY EXERCISE – DOES

GENDER PLAYS A ROLE?

PILZ-BURSTEIN, R. ET AL [ISRAEL]

13:30 OP-SH08-2

A PROSPECTIVE STUDY OF CARDIORESPIRATORY FITNESS AND NEUROCOGNITION IN MIDDLE-OLD ADULTS WITH AND WITHOUT APOLIPOPROTEIN E4 ALLELE

KAO, S.C. ET AL [UNITED STATES]

13:45 OP-SH08-3

THE FIT BRAIN: UNDERSTANDING THE RELATIONSHIPS BETWEEN CHILDREN'S AEROBIC FITNESS AND COGNITIVE FUNCTION THROUGH NEURAL EFFECTIVE CONNECTIVITY

LIGEZA, T.S. ET AL [POLAND]

OP-MH12

362+363

Physiotherapy/Ankle-Foot

Chair(s):

ANDERSEN, J. [UNITED STATES]

BEINERT, K. [GERMANY]

13:15 OP-MH12-1

DEFICITS IN NEUROCOGNITIVE PERFORMANCE IN PATIENTS WITH CAI PERFORMING A DYNAMIC BALANCE TASK.

MARICOT, A. ET AL [BELGIUM]

13:30 OP-MH12-2

THE EFFECTS OF AN ANKLE INJURY RISK REDUCTION PROGRAM IN ELITE JUNIOR AUSTRALIAN FOOTBALL PLAYERS

MCDONALD, J. [AUSTRALIA]

13:45 OP-MH12-3

BRAIN PLASTICITY RELATED TO LIGAMENOUS ANKLE INJURIES: A SYSTEMATIC REVIEW

TASSIGNON, B. ET AL [BELGIUM]

14:00 OP-MH12-4

A RELIABLE FIELD METHOD TO QUANTIFY ANKLE EVERTORS, INVERTORS AND DORSIFLEXORS STRENGTH DEFICITS IN A POPULATION WITH CHRONIC ANKLE INSTABILITY

AGUILANI, A. ET AL [BELGIUM]

OP-SH28

Bar Arlequin

Technology and psychology

Chair(s):

NOORBHAI, H. [SOUTH AFRICA]

ALI, L. [ITALY]

13:15 OP-SH28-1

ACCEPTANCE BY ATHLETES OF A VIRTUAL REALITY HEAD-MOUNTED DISPLAY INTENDED TO ENHANCE SPORT PERFORMANCE

MASCLET, N. ET AL [FRANCE]

13:30 OP-SH28-2

DOES INTENSITY MODERATE THE ACUTE EFFECTS OF IMMERSIVE VIRTUAL REALITY EXERGAMING ON EXECUTIVE FUNCTION AMONG YOUNG ADULTS?

GU, Q. [CHINA]

13:45 OP-SH28-3

SELF-CONTROLLED VIDEO FEEDBACK FACILITATES LEARNING TACTICAL SKILLS IN TENNIS

VAN DER MEER, B. [NETHERLANDS]

14:00 OP-SH28-4

MOBILE-COMPUTER-SUPPORTED COLLABORATIVE LEARNING IN DANCING

SCHRÖDER, B. ET AL [GERMANY]

14:15 OP-SH28-5

DESIGNING COOLTACO: A DIGITAL HEALTH INTERVENTION WITH SMARTWATCHES TO PROMOTE SELF-REGULATION AND PHYSICAL ACTIVITY IN CHILDREN WITH ADHD

TUOHY, L. ET AL [UNITED STATES]

OP-SH18

313+314

Mental health and disabilities

Chair(s):

CALCAGNO, G. [ITALY]

MACNAMARA, B. [UNITED STATES]

13:15 OP-SH18-1

EFFECTS OF RECREATIONAL DIVING COMPANION SYSTEM ON EARLY ONSET DEPRESSION IN ADOLESCENTS

WEN, H. [CHINA]

13:30 OP-SH18-2

ENHANCING MENTAL HEALTH AND LEARNING EXPERIENCES OF FIRST-YEAR SPORT, EXERCISE AND HEALTH SCIENCE AND PHYSIOTHERAPY STUDENTS THROUGH A FIELD-BASED, RESIDENTIAL OUTDOOR EDUCATION PRACTICUM

LUCAS, R.A.I. ET AL [UNITED KINGDOM]

13:45 OP-SH18-3

EMOTIONAL INTELLIGENCE AND MENTAL HEALTH IN JUDO

ACEBES-SÁNCHEZ, J. ET AL [SPAIN]

14:00 OP-SH18-4

EFFICACY OF INDIVIDUALIZED SENSORY-BASED MHEALTH INTERVENTIONS TO IMPROVE DISTRESS COPING IN HEALTHCARE PROFESSIONALS WITH PHYSICAL ACTIVITY: A MULTI-ARM PARALLEL-GROUP RANDOMIZED CONTROLLED TRIAL

BAUMANN, H. [GERMANY]

14:15 OP-SH18-5

DOES PARTICIPATION IN SPORT ACT AS A RESILIENCE FACTOR FOR ADOLESCENTS WITH A HISTORY OF CHILD MALTREATMENT?

DION, J. ET AL [CANADA]

Thursday, 6 July

14:45 - 16:00

IS-BM06

Grand Amphitheatre

Losing and retraining balance while ageing: perspectives for innovative interventions

Chair(s):

MCCRUM, C. [NETHERLANDS]

RAO, G. [FRANCE]

14:45 IS-BM06-1

POSTURAL TRACKING OF CONSTANT AND COMPLEX VISUAL MOTION CUES: IMPLICATIONS FOR VISUOMOTOR PLASTICITY IN OLD AGE

HATZITAKI, V. [GREECE]

15:10 IS-BM06-2

FALL-RESISTING SKILL TRANSFER AND RETENTION OF BALANCE RECOVERY RESPONSE ADAPTATIONS FROM TRIP-LIKE PERTURBATIONS

KARAMANIDIS, K. [UNITED KINGDOM]

15:35 IS-BM06-3

MOVING ON FROM INTERVENING ON MUSCLE STRENGTH TO IMPROVING SPECIFIC FALL-RESISTING SKILLS IN OLDER ADULTS

MCCRUM, C. [NETHERLANDS]

IS-PN06

Amphitheatre Bordeaux

Fuelling the Paralympic Athlete

Chair(s):

JONVIK, K. [NORWAY]

PRADON, D. [FRANCE]

14:45 IS-PN06-1

ASSESSMENT OF ATHLETES ENERGY EXPENDITURE USING DOUBLY LABELLED WATER

PLASQUI, G. [NETHERLANDS]

15:10 IS-PN06-2

ENERGY REQUIREMENTS OF PARALYMPIC ATHLETES

VAN DIJK, J. [NETHERLANDS]

15:35 IS-PN06-3

STRATEGIES TO FUEL PARALYMPIC ATHLETES

JONVIK, K. [NORWAY]

OP-PN17

Amphitheatre Havane

Muscle Damage and Repair

Chair(s):

FRANCHI, M. [ITALY]

NOSAKA, K. [AUSTRALIA]

14:45 OP-PN17-1

COMPARISON OF DELAYED ONSET MUSCLE SORENESS LEVELS AFTER ACUTE RESISTANCE EXERCISE BETWEEN VEGANS AND OMNIVORES

KARELIS, A.D. ET AL [CANADA]

15:00 OP-PN17-2

MUSCLE ANKYRIN REPEAT PROTEIN 1 (MARF1) ALTERS SARCOMERE STRUCTURES IN MAMMALIAN SKELETAL MUSCLE VIA TITIN ASSOCIATION

KUEHN, M. ET AL [GERMANY]

15:15 OP-PN17-3

EFFECTS OF FAR-INFRARED RADIATION LAMP THERAPY ON RECOVERY FROM ECCENTRIC EXERCISE-INDUCED MUSCLE DAMAGE

CHEN, T. ET AL [TAIWAN]

15:30 OP-PN17-4

COMPARATIVE ANALYSIS OF RUNNING-INDUCED STRUCTURAL MUSCLE CHANGES BETWEEN MEN AND WOMEN

KUNIMASA, Y. ET AL [JAPAN]

OP-AP37

341

Warm-Up and Recovery

Chair(s):

HOHENAUER, E. [SWITZERLAND]

COTTER, J. [NEW ZEALAND]

14:45 OP-AP37-1

EFFECTS OF FORCE-POWER-VELOCITY RESISTED SPRINTS DURING WARM-UP ON RUNNING SPRINT PERFORMANCE AND MECHANICAL PROFILE IN NATIONAL ATHLETES: A PRELIMINARY STUDY

FORNASIER-SANTOS, C. ET AL [FRANCE]

15:00 OP-AP37-2

THE EFFECT OF WARM-UP ON DETERMINING THE PRESSURE DIFFERENCES NECESSARY TO OBTAIN ARTERIAL OCCLUSION PRESSURE (AOP).

BICHOWSKA, M. ET AL [POLAND]

15:15 OP-AP37-3

COMPARISON OF THE EFFECTS OF COLD-WATER IMMERSION AND PERCUSSIVE MASSAGE ON THE RECOVERY AFTER EXHAUSTING ECCENTRIC EXERCISE: A THREE-ARMED RANDOMIZED CONTROL TRIAL

HEINKE, L. ET AL [GERMANY]

15:30 OP-AP37-4

USE OF RECOVERY STRATEGIES IN ENDURANCE ATHLETES AT DIFFERENT LEVELS OF COMPETITION-A SURVEY STUDY

LI, S. ET AL [NETHERLANDS]

15:45 OP-AP37-5

EFFECTS OF TIME EXPOSURE OF CRYOSTIMULATION BEFORE BEDTIME ON SLEEP AND RECOVERY OF WELL-TRAINED ATHLETES

DUPUY, O. ET AL [FRANCE]

OP-BM08

342A

Neuromuscular Physiology: Fatigue III

Chair(s):

TILLIN, N. [UNITED KINGDOM]

DE VITO, G. [ITALY]

14:45 OP-BM08-1

PURELY EXPLOSIVE ISOMETRIC CONTRACTIONS INDUCE MOSTLY CENTRAL FATIGUE

BOCCIA, G. ET AL [ITALY]

15:00 OP-BM08-2

IMMEDIATE AND PROLONGED EFFECTS OF KNEE FLEXOR FATIGUING EXERCISES ON POSITION SENSE USING POSITION-POINTING TASKS

DA SILVA, F. ET AL [FRANCE]

15:15 OP-BM08-3

INDIVIDUALIZED MENTAL FATIGUE DOES NOT IMPACT NEUROMUSCULAR FUNCTION AND EXERCISE PERFORMANCE

HOLGADO, D. [SWITZERLAND]

15:30 OP-BM08-4

MENTAL FATIGUE AND FORCE PRODUCTION CAPACITIES DURING A HANDGRIP CONTRACTION

JACQUET, T. [FRANCE]

15:45 OP-BM08-5

ADAPTIVE FORCE IN PATIENTS WITH LONG COVID AND DURING RECOVERY: MAXIMAL HOLDING CAPACITY MIGHT SERVE AS BIOMECHANICAL MARKER

SCHAEFFER, L.V. ET AL [GERMANY]

OP-AP36

342B

Technology for Training and Recovery

Chair(s):

NOORBHAI, H. [SOUTH AFRICA]

PARADISIS, G. [GREECE]

14:45 OP-AP36-1

A VIDEO-BASED TRAINING TO IMPROVE SURFERS INTUITIVE DECISION MAKING IN COMPETITION: A MIXED-METHOD PILOT STUDY

BERTET, E. ET AL [FRANCE]

15:00 OP-AP36-2

MODULATION OF PHYSICAL EXERCISE INTENSITY IN MOTOR-COGNITIVE BRAIN TRAINING USING THE SKILLCOURT TECHNOLOGY

HÜLSDÜNKER, T. ET AL [GERMANY]

15:15 OP-AP36-3

GETTING PAST BASKETBALL DEFENDER IS NOT JUST A MATTER OF SIZE

MORICE, A. ET AL [FRANCE]

15:30 OP-AP36-4

COMPARATIVE EFFICACY OF ROBOTIC AND MANUAL MASSAGE INTERVENTIONS ON PERFORMANCE AND WELL-BEING: A RANDOMIZED Crossover TRIAL

KERAUTRET, Y. ET AL [FRANCE]

15:45 OP-AP36-5

THE EFFECTS OF NOVEL GRAPHENE-BASED HEATED GARMENTS ON BODY TEMPERATURE AND PEAK POWER OUTPUT POST-WARM-UP

BEZODIS, N. ET AL [UNITED KINGDOM]

OP-BM23

343

Jumping and landing II

Chair(s):

FOURÉ, A. [FRANCE]

NAGAHARA, R. [JAPAN]

14:45 OP-BM23-1

CONTRIBUTIONS OF ANKLE JOINT AND GASTROCNEMIUS MUSCLE-TENDON UNIT BEHAVIOR TO REBOUND JUMP PERFORMANCE

TOMARI, K. ET AL [JAPAN]

15:00 OP-BM23-2

MUSCLE TENDON KINEMATICS PRECEDING CONTACT DURING LANDING AND DROP-JUMPING

BECHET, R. ET AL [FRANCE]

15:15 OP-BM23-3

KINEMATIC PROFILE OF ELITE HIGH JUMPERS – WHAT DISTINGUISHES GOOD FROM GREAT HIGH JUMPERS?

PETROVIC, M. ET AL [ICELAND]

15:30 OP-BM23-4

CHARACTERISTICS OF KNEE JOINT KINEMATICS IN THE MODIFIED SIDE HOP TEST

YOSHIDA, M. ET AL [JAPAN]

OP-MH16

351

Ageing and resistance training

Chair(s):

GLUCHOWSKI, A. [UNITED KINGDOM]

PIZARRO, A. [PORTUGAL]

14:45 OP-MH16-1

ASSOCIATION BETWEEN QUALITY OF LIFE AND GAIT VARIABILITY DURING DUAL-TASK IN THE ELDERLY

TOSI, I. ET AL [ITALY]

15:00 OP-MH16-2

MUSCLE POWER THROUGH THE CHAIR STAND-UP TEST IN THE SPPB BATTERY

MONFERRER-MARÍN, J. ET AL [SPAIN]

15:15 OP-MH16-3

AN EDUCATIONAL PROGRAM IMPROVES PHYSICAL FUNCTION IN OLDER ADULTS WITH FRAILTY PHENOTYPE: THE FRAGSALUD PROJECT

CASALS, C. ET AL [SPAIN]

15:30 OP-MH16-4

PHYSIOLOGICAL AND PSYCHOLOGICAL EFFECTS OF SHORT-TERM WALKING FOOTBALL IN OLDER ADULTS

BOITHIAS, M. ET AL [FRANCE]

15:45 OP-MH16-5

THE 12-WEEK RESISTANCE AND AEROBIC EXERCISE INTERVENTIONS ON COMMUNITY-DWELLING OLDER WOMEN: STUDY ON FUNCTIONAL FITNESS BY MEANS OF THE SENIOR FITNESS TEST

HONG, J. ET AL [CHINA]

OP-MH15

352A

Aerobic exercise in cancer patients

Chair(s):

MILLET, G. [FRANCE]

BERNTSEN, S. [NORWAY]

14:45 OP-MH15-1

EFFECT OF EXERCISE BEFORE AND/OR DURING TAXANE-CONTAINING CHEMOTHERAPY TREATMENT ON CHEMOTHERAPY-INDUCED PERIPHERAL NEUROPATHY IN WOMEN WITH BREAST CANCER

BROWNSON-SMITH, R. ET AL [UNITED KINGDOM]

15:00 OP-MH15-2

ASSOCIATION BETWEEN SELF-REPORTED HEALTH MONITORING OUTCOMES WITH QUALITY OF LIFE IN PATIENTS WITH BREAST CANCER INVOLVED IN HIGH INTENSITY INTERVAL TRAINING DURING

CHEMOTHERAPY

KLAVINA, A. ET AL [LATVIA]

15:15 OP-MH15-3

SUGGESTED TARGETS FOR IMPROVING EXERCISE INTERVENTION COMPLETION IN CANCER PATIENTS – AN INDIVIDUAL PATIENT DATA META-ANALYSIS FROM THE POLARIS STUDY

WESTERN, B. ET AL [NORWAY]

15:30 OP-MH15-4

CANCER-RELATED FATIGUE OF BREAST CANCER PATIENTS IS MAINLY CAUSED BY THE EMOTIONAL DIMENSIONS AT DIAGNOSIS: PRELIMINARY RESULTS OF THE BIOCORE FACTORY COHORT

LECLERCQ, A. ET AL [FRANCE]

15:45 OP-MH15-5

BEYOND FASTING SUGAR LEVEL IN POSTMENOPAUSAL WOMEN WITH PREVIOUS BREAST CANCER ENROLLED IN THE MOVIS TRIAL (CLINICALTRIALS.GOV IDENTIFIER: NCT04818359) – THE SWEET_MOVIS STUDY

IMPERIO, M. [ITALY]

OP-MH13

352B

Health and fitness/Lifestyle

Chair(s):

LEITAO, L. [PORTUGAL]

ZHANG, P. [CHINA]

14:45 OP-MH13-1

MORNING AND EVENING PHYSICAL EXERCISE PROLONG NON-REM SLEEP: AN ECOLOGICAL STUDY

GOLDBERG, M. ET AL [FRANCE]

15:00 OP-MH13-2

IMPROVED SLEEP QUALITY AFTER THREE MONTHS OF BALANCE LEARNING IN OLDER ADULTS

SCHERRER, S. ET AL [SWITZERLAND]

15:15 OP-MH13-3

THE EFFECT OF LONG-TIME ENDURANCE EXERCISE ON SLEEP CHARACTERISTICS IN ELDERLY

Invited & Oral/YIA Presentations

BERISHA, G. ET AL [SLOVAKIA]

15:30 OP-MH13-4

THE LIKELIHOOD OF TACKLER SUCCESS WHEN CONTACTING THE BALL-CARRIER AT DIFFERENT HEIGHTS FOR DIFFERENT TYPES OF TACKLES ACROSS YOUTH, SENIOR AND ELITE LEVELS
HENDRICKS, S. ET AL [SOUTH AFRICA]

OP-BM26

353

Kinematic

Chair(s):

BACA, A. [AUSTRIA]

COLLOUD, F. [FRANCE]

14:45 OP-BM26-1

EFFECT OF COMPUTING JOINT ANGLES IN 2D OR 3D DURING FATIGUING DOUBLE POLING CROSS-COUNTRY SKIING EXERCISE

DANIELSEN, J. ET AL [NORWAY]

15:00 OP-BM26-2

ESTIMATING ABSOLUTE 3D HUMAN POSE ESTIMATION WITH INDIVIDUAL BODY SHAPE INFORMATION FROM A SINGLE CALIBRATED CAMERA

CHIU, C. [UNITED KINGDOM]

15:15 OP-BM26-3

ANALYSIS OF KEY KINEMATIC FACTORS AFFECTING PERFORMANCE OF MENS SINGLE 10M PLATFORM 109C

WANG, X. [CHINA]

15:30 OP-BM26-4

INFLUENCE OF A SOFT-BACK EXOSKELETON ON TRUNK KINEMATICS AND MUSCLE ACTIVITY DURING SIMULATED ORDER PICKING

THEVENOT, C. ET AL [FRANCE]

15:45 OP-BM26-5

COMPARISON OF PEAK LUMBAR LORDOSIS BETWEEN SOME TYPICAL SKILLS OF WOMENS ARTISTIC GYMNASTICS

EYSSARTIER, C. ET AL [FRANCE]

OP-SH27

315

Ageing

Chair(s):

RAGERT, P. [GERMANY]

GUILLET DESCAS, E. [FRANCE]

14:45 OP-SH27-1

ACTIVELY RESPOND TO THE AGING POPULATION: THE CHARACTERISTICS AND INFLUENCING FACTORS OF PHYSICAL ACTIVITY OF THE ELDERLY IN CHINA

HUAN, W, ZHANG, Y. ET AL [CHINA]

15:00 OP-SH27-2

THE ASSOCIATION BETWEEN SOCIAL PROVISIONS AND PHYSICAL ACTIVITY LEVELS IN SENIORS LIVING IN RESIDENTIAL HOMES: A TEN MONTHS OF FOLLOW-UP

MARCHANT, G. ET AL [FRANCE]

15:15 OP-SH27-3

PARTICIPATION IN OCCUPATIONAL HEALTH-PROMOTION PROGRAMS IN NURSING HOME FACILITIES: THE ROLE OF OCCUPATIONAL AND PERSONAL FACTORS

JANSSEN, T.I. ET AL [GERMANY]

15:30 OP-SH27-4

OLD DOGS CAN LEARN NEW TRICKS! RE-ANALYSIS OF BBC UK DATA COMPARING THE EFFECTS OF BRIEF PSYCHOLOGICAL SKILLS TRAINING BY AGE

LANE, A.M. ET AL [UNITED KINGDOM]

15:45 OP-SH27-5

INSUFFICIENTLY PHYSICALLY ACTIVE ELDERLY ADULTS: CHARACTERISTICS AND FACTORS INFLUENCING INCREASED PHYSICAL ACTIVITY
WAGNSSON, S. ET AL [SWEDEN]

OP-SH09

361

Cognition II

Chair(s):

KAMIJO, K. [JAPAN]

BUDDE, H. [GERMANY]

14:45 OP-SH09-1

AN ACUTE BOUT OF ORIENTEERING ENHANCES HUMAN COGNITION

HEISZ, J.J. ET AL [CANADA]

15:00 OP-SH09-2

EFFECT OF MOTOR COMPLEXITY ON COORDINATIVE EXERCISE-INDUCED ACUTE CHANGE IN PROACTIVE CONTROL

CHENG, M.H. ET AL [TAIWAN]

15:15 OP-SH09-3

ENVIRONMENTAL ENRICHMENT MODULATES AEROBIC EXERCISE-INDUCED CHANGES IN NEUROCOGNITIVE PROCESSES ASSOCIATED WITH COGNITIVE CONTROL

FU, H.L. ET AL [TAIWAN]

15:30 OP-SH09-4

INHIBITORY CONTROL IN ELITE YOUNG SOCCER PLAYERS: A PROPENSITY-SCORE MATCHED CROSS-SECTIONAL STUDY

BIRKLBAUER, J. ET AL [AUSTRIA]

15:45 OP-SH09-5

INHIBITION CONTROL TRAINING FOR PERFORMANCE IN SPORT AND OTHER HIGH-PRESSURE CONTEXTS

NIEUWENHUY, A. ET AL [NEW ZEALAND]

OP-MH33

362+363

Metabolic fitness/Flexibility

Chair(s):

PONCE GONZÁLEZ, J. [SPAIN]

YANG, W. [KOREA, SOUTH]

14:45 OP-MH33-1

LOW ENERGY AVAILABILITY REDUCE CUMULATIVE MYOFIBRILLAR AND SARCOPLASMIC PROTEIN SYNTHESIS IN TRAINED FEMALES

HANSEN, M. [DENMARK]

15:00 OP-MH33-2

GENOTYPE-PHENOTYPE MODELS PREDICTING VO2MAX RESPONSE TO HIGH-INTENSITY INTERVAL TRAINING IN PHYSICALLY INACTIVE CHINESE

YANG, X. ET AL [CHINA]

15:15 OP-MH33-3

EFFECTS OF ESTROGEN THERAPY ON METABOLIC FLEXIBILITY IN POSTMENOPAUSAL WOMEN

FARLOV, J.E. ET AL [DENMARK]

15:30 OP-MH33-4

UNCOVERING THE PHYSICAL LIMITATIONS AND EXERCISE INTOLERANCE IN POST-COVID PATIENTS TRYFONOS, A. ET AL [SWEDEN]

15:45 OP-MH33-5

INFLUENCE OF A PRIOR MAXIMAL FAT OXIDATION TEST ON VO2MAX DETERMINATION IN A SINGLE DAY IN TYPE 2 DIABETES MELLITUS: VALIDITY AND RELIABILITY STUDY

MARÍN-GALINDO, A. ET AL [SPAIN]

OP-PN32

Bar Arlequin

Genetic Associations

Chair(s):

HUMINSKA-LISOWSKA, K. [POLAND]

DELPHAN, M. [IRAN]

14:45 OP-PN32-1

NO ASSOCIATION OF ACTN3 AND ACE GENOTYPES WITH STRENGTH QUALITIES IN INDIAN BOXERS

GROVER, V.K. ET AL [INDIA]

15:00 OP-PN32-2

GENETIC ASSOCIATION BETWEEN ACTN3 R577X POLYMORPHISM AND ENDURANCE PERFORMANCE IN KOREAN POPULATION

CHAE, J.H. ET AL [KOREA, SOUTH]

15:15 OP-PN32-3

EFFECT OF THE ACTN3 R577X POLYMORPHISM ON THE ASSOCIATION BETWEEN CK LEVELS AND SPRINTING TIMES DURING GAME IN BRAZILIAN PROFESSIONAL SOCCER PLAYERS

DE ALMEIDA, K. ET AL [JAPAN]

15:30 OP-PN32-4

THE OLYMPIC MIRNOME: AN ANALYSIS OF THE COMPLETE PLASMA MIRNA PROFILE IN MAXIMAL AEROBIC TESTS DURING THE SAME SEASON IN OLYMPIC MEDALIST KAYAKERS.

FERNANDEZ-SANJURJO, M. ET AL [SPAIN]

15:45 OP-PN32-5

ASSOCIATION BETWEEN CYP1A2 R5762551 C/A POLYMORPHISM AND ENDURANCE RUNNING PERFORMANCE

SAKAMOTO, Y. ET AL [JAPAN]

OP-SH19

313+314

Teacher and teaching education

Chair(s):

AHNS, M. [AUSTRIA]

MACNAMARA, B. [UNITED STATES]

14:45 OP-SH19-1

PEDAGOGICAL CONTENT KNOWLEDGE IN MOVEMENT AND PHYSICAL ACTIVITY AMONG EDUCATORS IN EARLY CHILDHOOD EDUCATION AND CARE.

SOLLERHED, A.C. [SWEDEN]

15:00 OP-SH19-2

ACCURACY OF PRIMARY TEACHER JUDGMENTS ON BASIC MOTOR COMPETENCIES

NIEDERKOFER, B. [ITALY]

15:15 OP-SH19-3

DIAGNOSTIC COMPETENCE OF P.E. TEACHERS - HOW IS IT LINKED TO INSTRUCTIONAL AND DIAGNOSTIC ACTION?

SEYDA, M. ET AL [GERMANY]

Thursday, 6 July

16:30 - 17:45

IS-BM07

Grand Amphitheatre

How to sprint fast and safe? Segment and muscle coordination in sprint-based sports

Chair(s):

HEGYI, A. [HUNGARY]

GUILHEM, G. [FRANCE]

16:30 IS-BM07-1

INTER-SEGMENTAL COORDINATION STRATEGIES DURING INITIAL SPRINT ACCELERATION

BAYNE, H. [SOUTH AFRICA]

16:55 IS-BM07-2

INTERMUSCULAR COORDINATION STRATEGIES DURING SPRINT ACCELERATION

HEGYI, A. [FRANCE]

17:20 IS-BM07-3

IMPORTANCE OF SEGMENT AND MUSCLE COORDINATION IN SPRINTING FOR HAMSTRING INJURY RISK MANAGEMENT

SCHUERMANS, J. [BELGIUM]

OP-AP17

Amphitheatre Bordeaux

Resistance Training Methods

Chair(s):

ALEGRE, L. [SPAIN]

CHEN, T. [TAIWAN]

16:30 OP-AP17-1

THE EFFECTS OF TWO DIFFERENT STRENGTH TRAINING SESSIONS (PULL UPS VERSUS DIPS) ON

HAND GRIP STRENGTH.

MYLONAS, V. ET AL [GREECE]

16:45 OP-AP17-2

EFFECTS OF DIFFERENT ARM-SPECIFIC TRAINING ON THE PULL-UP PERFORMANCE OF CLIMBERS

DEVISE, M. ET AL [FRANCE]

17:00 OP-AP17-3

COMPARATIVE STUDY OF LOWER STRENGTH AND ANAEROBIC CAPACITY IN JUVENILE ATHLETES USING BLOOD FLOW RESTRICTION AND MUSCLE ELECTRICAL STIMULATION COMBINED WITH LOW-INTENSITY RESISTANCE TRAINING

QIU, J. ET AL [CHINA]

17:15 OP-AP17-4

PERSONALIZING RESISTANCE TRAINING MITIGATES NEUROMUSCULAR AND PERCEIVED FATIGUE: THE AUTOREGULATION CLUSTER TRAINING METHOD

DELLO IACONO, A. ET AL [UNITED KINGDOM]

17:30 OP-AP17-5

TRADITIONAL RESISTANCE TRAINING MAY NOT BE ENOUGH. IS ACCENTUATED ECCENTRIC LOADING THE ANSWER?

ARMSTRONG, R. ET AL [UNITED KINGDOM]

OP-PN18

Amphitheatre Havane

Endurance

Chair(s):

MESSONNIER, L. [FRANCE]

FERRETTI, G. [ITALY]

16:30 OP-PN18-1

COMPARISONS OF VISCERAL ADIPOSE TISSUE AND LIVER FAT CONTENT BETWEEN HIGHLY TRAINED AND RECREATIONALLY ACTIVE OLDER MEN AND THE EFFECTS OF REPEATED PROLONGED EXERCISE

POGGI, A.I. ET AL [DENMARK]

16:45 OP-PN18-2

MODERATE-INTENSITY CONTINUOUS TRAINING VERSUS HIGH-INTENSITY INTERVAL TRAINING

ON INSULIN SENSITIVITY AND MAXIMAL FAT OXIDATION IN ADULTS WITH TYPE 2 DIABETES.

GONZÁLEZ-MARISCAL, A. ET AL [SPAIN]

17:00 OP-PN18-3

REPEATED HIGH-INTENSITY INTERVAL TRAINING INTERVENTIONS AFFECT HUMAN SKELETAL MUSCLE EPIGENETICS AND PROMOTE MUSCLE MEMORY

PILOTTO, A.M. ET AL [ITALY]

17:15 OP-PN18-4

DO EXERCISE AND ENERGY METABOLISM EXERT A SELECTIVE PRESSURE ON GUT MICROBIOME? LESSONS LEARNED FROM THE EXOMIC PILOT CLINICAL STUDY

MARTIN, D. ET AL [FRANCE]

OP-AP41

341

Running Technology

Chair(s):

HOOS, O. [GERMANY]

TRISKA, C. [AUSTRIA]

16:30 OP-AP41-1

MOVEMENT VARIABILITY IN SIX RUNNING CONDITIONS: A COMPLEX SYSTEMS APPROACH

TEIXEIRA, A. ET AL [PORTUGAL]

16:45 OP-AP41-2

NOVEL APPROACH FOR A HYBRID CUSHIONING SYSTEM IN RUNNING SHOES BASED ON HALBACH ARRAYS

KORNFEIND, P. ET AL [AUSTRIA]

17:00 OP-AP41-3

CASE STUDY OF RECORD-BREAKING IRONMAN ATHLETE IN RESPONSE TO CUSHIONED FOOTWEAR AND FATIGUE STATES

KNOPP, M. ET AL [GERMANY]

17:15 OP-AP41-4

HIGH MIDSOLE RESILIENCY AND LOW SHOE MASS DO NOT CONSISTENTLY ALIGN WITH BEST RUNNING ECONOMY MEASURES

AGRESTA, C. ET AL [UNITED STATES]

OP-BM25

342A

Muscle and tendon function

Chair(s):

CSAPO, R. [AUSTRIA]

TAKAHASHI, K. [JAPAN]

16:30 OP-BM25-1

ACTIVE AND PASSIVE RIGIDITY OF HAMSTRING MUSCLES DEPENDS ON HIP ANGLE

BOUVIER, J. ET AL [FRANCE]

16:45 OP-BM25-2

EFFECTS OF HIP EXTENSION TRAINING PERFORMED WITH FULL VERSUS PARTIAL RANGE OF MOTION AT LONG MUSCLE LENGTHS ON MUSCLE HYPERTROPHY AND SPRINT PERFORMANCE

MAEO, S. ET AL [JAPAN]

17:00 OP-BM25-3

TRAINING AND CONTRALATERAL EFFECTS OF 6 WEEKS ISOKINETIC ECCENTRIC EXERCISE ON PLANTARFLEXOR MUSCLE-TENDON MECHANICS

KAY, A.D. ET AL [UNITED KINGDOM]

17:15 OP-BM25-4

MILD DAMAGE IN KNEE EXTENSOR MUSCLES ACCUMULATES AFTER TWO BOUTS OF MAXIMAL ECCENTRIC CONTRACTIONS

MORIN, T. ET AL [FRANCE]

17:30 OP-BM25-5

THE IN VIVO PASSIVE STRETCHING RESPONSE OF THE PECTORALIS MAJOR DIFFERS BETWEEN MUSCLE REGIONS

WOLFRAM, S. ET AL [UNITED STATES]

OP-BM09

342B

Balance and posture II

Chair(s):

CORTIS, C. [ITALY]

KURZ, E. [GERMANY]

16:30 OP-BM09-1

OPTIMAL MERGING OF KINEMATIC AND KINETIC INFORMATION TO DETERMINE THE POSITION OF THE WHOLE BODY CENTER OF MASS

LE MOUËL, C. [FRANCE]

16:45 OP-BM09-2

DOES MINI-TRAMPOLINE TRAINING REDUCE LOWER LIMB ASYMMETRIES?

DI ROCCO, F. ET AL [ITALY]

17:00 OP-BM09-3

UPPER EXTREMITY MUSCLE ACTIVITY DURING M-CKQUEST

DE SOUSA, T. ET AL [FRANCE]

17:15 OP-BM09-4

THE IMMEDIATE EFFECTS OF PLANTAR FASCIA ROLLING ON POSTURAL CONTROL IN HEALTHY SUBJECTS AND PATIENTS WITH NECK PAIN

BEINERT, K. [GERMANY]

17:30 OP-BM09-5

"NEURO SOCKS": ACUTE AND LONG-TERM EFFECTS ON BALANCE

PECHATSCHKE, T. ET AL [AUSTRIA]

OP-AP40

343

Technology for Performance Analytics

Chair(s):

COLLOUD, F. [FRANCE]

NIKODELIS, T. [GREECE]

16:30 OP-AP40-1

OPTIMAL ARROW GROUPING BASED ON ARROW MECHANICAL PROPERTIES AND VANES POSITIONING

KUCH, A. ET AL [FRANCE]

16:45 OP-AP40-2

KINEMATIC AND NEUROMUSCULAR PATTERNS OF UPPER LIMBS DURING ROWING ERGOMETER: DESCRIPTION AND IMPACT OF AN ERGONOMIC HANDLE.

SIMON, F.R. ET AL [FRANCE]

17:00 OP-AP40-3

HOW TO MEASURE INTENSITY DURING ON-WATER SPRINT KAYAKING?

DE ZEE, M. ET AL [DENMARK]

17:15 OP-AP40-4

A NEW JIG FOR VALIDATION OF INSTRUMENTED PADDLE SHAFTS IN SPRINT KAYAKING

ROSDAHL, H. ET AL [SWEDEN]

17:30 OP-AP40-5

STRUCTURAL OPTIMISATION OF A BICYCLE USING A MULTI-INSTRUMENT EXPERIMENTAL DESIGN

NUNEZ, M. ET AL [FRANCE]

IS-MH08

351

In-hospital precision-based exercise in children, adolescents and young adults with cancer as the new frontier of „exercise is medicine“ paradigm

Chair(s):

LANFRANCONI, F. [ITALY]

DRISS, T. [FRANCE]

16:30 IS-MH08-1

EXERCISE TOLERANCE IN CHILDREN, ADOLESCENTS AND YOUNG ADULTS WITH CANCER: NON-INVASIVE ASSESSMENT IN COMPLEX CLINICAL SETTINGS

LANFRANCONI, F. [ITALY]

16:55 IS-MH08-2

PRECISION-BASED TRAINING PROGRAMS IN CHILDREN, ADOLESCENTS AND YOUNG ADULTS WITH CANCER: QUANTITY AND QUALITY MATTER WHEN WORKOUTS ARE IN COMPLEX CLINICAL SETTINGS

KAJ FRIDH, M. [DENMARK]

17:20 IS-MH08-3

DEVELOPMENT OF NOVEL TECHNOLOGY APPLICATIONS IN PRECISION-BASED EXERCISE PROGRAM IN CHILDREN, ADOLESCENTS AND YOUNG ADULTS WITH CANCER: MOTIVATION IS A MUST

DREISMICKENBECKER, E. [GERMANY]

OP-BM19

352A

Team Sports

Chair(s):

REER, R. [GERMANY]

KULPA, R. [FRANCE]

16:30 OP-BM19-1

SEX-SPECIFIC KINETIC AND KINEMATIC CHARACTERISTICS UNDERPINNING CHANGE OF DIRECTION PERFORMANCE IN BASKETBALL PLAYERS

BAENA-RAYA, A. ET AL [SPAIN]

16:45 OP-BM19-2

ANALYSIS OF THE BIOMECHANICAL RESPONSE TO UNANTICIPATED IMPACTS IN PROFESSIONAL RUGBY UNION

KNEBLEWSKI, A. ET AL [FRANCE]

17:00 OP-BM19-3

THE EFFECT OF LEG DOMINANCE ON THE FREQUENCY AND 3D KINEMATICS OF SOCCER PASSING IN FEMALE ACADEMY PLAYERS

OUTRAM, T. ET AL [UNITED KINGDOM]

OP-AP24

352B

Team Sports Training

Chair(s):

SPENCER, M. [NORWAY]

PETROVIC, M. [ICELAND]

16:30 OP-AP24-1

DEVELOPMENT IN PHYSICAL FITNESS DURING YOUTH YEARS IN TEAM SPORT ATHLETES: A SYSTEMATIC REVIEW.

TINGELSTAD, L. ET AL [NORWAY]

16:45 OP-AP24-2

THE PREVALENCE AND APPLICATION OF 'OFF-FEET' TRAINING PRACTICES WITH PROFESSIONAL TEAM

SPORT ATHLETES

HIGHTON, J. [UNITED KINGDOM]

17:00 OP-AP24-3

EFFECTS OF ROBOTIC SPRINT RESISTANCE TRAINING ON ACCELERATION AND SPRINTING PERFORMANCE OF FIELD HOCKEY PLAYERS

THUROW, H. ET AL [GERMANY]

17:15 OP-AP24-4

EFFECTS OF RESISTED SLED PUSH AND SLED PULL TRAINING ON SPRINT VELOCITY IN FIELD HOCKEY PLAYERS

SLAWINSKI, J. [FRANCE]

17:30 OP-AP24-5

CHANGES IN PEAK FAT OXIDATION FROM PRESEASON TO COMPETITIVE SEASON IN PROFESSIONAL MALE FOOTBALL PLAYERS

RØMER, T. ET AL [DENMARK]

OP-MH17

353

Health and fitness in children

Chair(s):

LEITAO, L. [PORTUGAL]

BLERVAQUE, L. [FRANCE]

16:30 OP-MH17-1

SLEEPING VARIABILITY AND PHYSICAL ACTIVITY OF 17-YEAR-OLD ICELANDIC UPPER SECONDARY STUDENTS.

HJALMARSSON, B. ET AL [ICELAND]

16:45 OP-MH17-2

IS CHILDREN'S SPORTS PARTICIPATION ASSOCIATED WITH THEIR HEALTH-RELATED PHYSICAL FITNESS?

SARA, P. ET AL [PORTUGAL]

17:00 OP-MH17-3

DETERMINANTS OF FIVE YEAR IMPROVEMENTS IN MOTOR PERFORMANCE AND FITNESS AMONGST PRIMARY SCHOOL CHILDREN

LICHTENSTEIN, E. ET AL [SWITZERLAND]

17:15 OP-MH17-4
EFFECTS OF A 12-WEEK SCHOOL-BASED EXERGAMING INTERVENTION ON STUDENTS' PHYSICAL FITNESS, PHYSICAL SELF-CONCEPT, AND ENJOYMENT- A RANDOMIZED CONTROLLED TRIAL
KETELHUT, S. ET AL [SWITZERLAND]

OP-BM05

315

Motor control: Fatigue

Chair(s):
SEBASTIAO, E. [UNITED STATES]
KARAMANIDIS, K. [UNITED KINGDOM]
16:30 OP-BM05-1
EFFECTS OF RUNNING-INDUCED FATIGUE ON THE STRUCTURE OF MOVEMENT VARIABILITY IN NOVICE RUNNERS
FADILIOGLU, C. ET AL [GERMANY]
16:45 OP-BM05-2
SEX DIFFERENCES IN FORCE STEADINESS AND MUSCLE ACTIVATION DURING AN INTERMITTENT ISOMETRIC EXERCISE TO TASK FAILURE
PASTORIO, E. ET AL [ITALY]
17:00 OP-BM05-3
POSTURAL ADJUSTMENTS OF A FATIGUING FINGER HANGING TASK IN CLIMBERS: JOINT COORDINATION AND MUSCLE SYNERGIES
EXEL, J. ET AL [AUSTRIA]
17:15 OP-BM05-4
NEUROMUSCULAR FATIGUE ACCORDING TO INJURY HISTORY IN THE ACCELERATION PHASE OF A REPEAT SPRINT ABILITY TEST: PRELIMINARY RESULTS
ARMADA-CORTÉS, E. ET AL [SPAIN]
17:30 OP-BM05-5
ETIOLOGY OF NEUROMUSCULAR FATIGUE IN HAMSTRING AND QUADRICEPS MUSCLES FOLLOWING SIMULATED SOCCER MATCH-PLAY
MASSAMBA, A. ET AL [FRANCE]

OP-SH10

361

Cognition III
Chair(s):
LAKES, K. [UNITED STATES]
VINCZE, A. [ROMANIA]
16:30 OP-SH10-1
QUIET EYE SUPPORTS WINNER SHOTS IN A SIMULATED TABLE TENNIS COMPETITION
VINCZE, A. ET AL [ROMANIA]
16:45 OP-SH10-2
THE EFFECTS OF PRESENTATION MODE ON GAZE BEHAVIOR BETWEEN 360VR AND 2D-VIDEO BROADCAST IN A BOXING SPECIFIC TASK.
LOISEAU TAUPIN, M. ET AL [CANADA]
17:00 OP-SH10-3
BEHIND THE FENCING MASK: ATTENTIONAL AND EMOTIONAL PROCESSES OF ELITE LEVEL FENCERS
BRACCO, M. ET AL [FRANCE]
17:15 OP-SH10-4
VISUAL SEARCH STRATEGIES OF ELITE FENCERS: AN EXPLORATORY STUDY IN ECOLOGICAL COMPETITIVE SITUATION
BAGOT, P. ET AL [FRANCE]
17:30 OP-SH10-5
EFFECTS OF ACUTE COORDINATIVE AND AEROBIC EXERCISE ON DYNAMIC ELECTROPHYSIOLOGICAL MODULATION IN RESTING STATE: AN EEG STUDY WITH HOLO-HILBERT SPECTRAL ANALYSIS
CHEN, Y.L. ET AL [TAIWAN]

OP-SH29

362+363

Youth pedagogy and sociology
Chair(s):
SOOS, I. [HUNGARY]
DELPHAN, M. [IRAN]
16:30 OP-SH29-1
HIGH SCHOOL GIRLS' EXPERIENCES WITH BODY PRESSURE IN A PE CONTEXT
THORESEN, T. [NORWAY]
16:45 OP-SH29-2
THE ROLE AND IMPORTANCE OF PHYSICAL EDUCATION CLASSES FOR UNIVERSITY STUDENTS
SZÉPLAKI, I. ET AL [HUNGARY]
17:00 OP-SH29-3
SPORT AND PARENTHOOD: PARENTAL ROLES IN HORSE RIDING ACTIVITIES FOR TODDLERS
ROSÉN, A. ET AL [SWEDEN]
17:15 OP-SH29-4
PHYSICAL ACTIVITY LEVEL OF CHINESE MIGRANT CHILDREN AND ITS ASSOCIATION WITH ENVIRONMENTAL FACTORS IN SCHOOL, FAMILY AND NEIGHBORHOOD SETTINGS
WANG, J. ET AL [CHINA]

OP-PN33

Bar Arlequin

Metabolism
Chair(s):
GAFFNEY, C. [UNITED KINGDOM]
CHRYSSANTHOPOULOS, C. [GREECE]
16:30 OP-PN33-1
THE COMBINED EFFECTS OF GREEN TEA AND ECCENTRIC EXERCISE ON NUCLEAR FACTOR ERYTHROID 2-RELATED FACTOR 2 SIGNALING
THORLEY, J. ET AL [UNITED KINGDOM]

16:45 OP-PN33-2
HEPCIDIN LEVELS DURING THE SEASON OF ELITE ROWERS – A USEFUL MARKER OF IRON NEED SUPPLEMENTATION
NOVÁKOVÁ, M. ET AL [CZECH REPUBLIC]
17:00 OP-PN33-3
ACUTE AEROBIC EXERCISE INCREASES CIRCULATING IRISIN IN HEALTHY ADULTS
TOMMASINI, E. ET AL [ITALY]
17:15 OP-PN33-4
HUMAN FIBER-SPECIFIC MUSCLE DIFFERENCES IN PROTEIN SYNTHESIS AND OXIDATIVE METABOLISM PATHWAYS BETWEEN OBESE AND HEALTHY INDIVIDUALS
CAMPOS, C. ET AL [CHILE]

OP-SH20

313+314

Women in sport
Chair(s):
PATTYN, N. [BELGIUM]
MASHIMO, S. [JAPAN]
16:30 OP-SH20-1
A COMPARATIVE ANALYSIS OF THE MEDIA IMAGE PRESENTATION OF FEMALE ATHLETES BY CHINESE AND AMERICAN MEDIA: TAKE THE REPORTS OF PEOPLES DAILY AND THE NEW YORK TIMES DURING THE BEIJING WINTER OLYMPICS AS
CHEN, X. ET AL [CHINA]
16:45 OP-SH20-2
PROBABLY JUST SEXISM: GENDERED EXPERIENCES OF RESOURCE ACCESS IN RUGBY UNION
PETRIE, F. ET AL [UNITED KINGDOM]
17:00 OP-SH20-3
WOMEN'S FOOTBALL IN SOUTHERN AFRICA: AN EXPLORATORY STUDY OF THE CHALLENGES FACING INTERNATIONAL PLAYERS
BAHDUR, K. [LUXEMBOURG]

17:15 OP-SH20-4
MIDWIVES' AND PREGNANT WOMEN'S PERCEPTIONS OF PHYSICAL ACTIVITY PROMOTION PRACTICE DURING PREGNANCY TO IDENTIFY KEY DETERMINANTS TO PROMOTE AN ACTIVE LIFESTYLE.
HYVÄRINEN, M. ET AL [SWITZERLAND]

Friday, 7 July

08:00 - 09:15

IS-BM04

Grand Amphitheatre

Muscle-brain crosstalk and the use of technology for training purposes

Chair(s):
MARUSIC, U. [SLOVENIA]
MARTIN, V. [FRANCE]
08:00 IS-BM04-1
COGNITIVE MOTOR INTERFERENCE IN DAILY LIFE SITUATIONS
WOLLESEN, B. [GERMANY]
08:25 IS-BM04-2
HOW FAR DOES VIRTUAL REALITY ALTER THE NEUROMUSCULAR SYSTEM?
GROSPRÊTRE, S. [FRANCE]
08:50 IS-BM04-3
ADAPTATIONS IN MOTOR CONTROL STRATEGIES WEARING A STATE-OF-THE-ART EXOSKELETON OR PROSTHESIS
DE PAUW, K. [BELGIUM]

IS-PN04

Amphitheatre Bordeaux

Exogenous Ketone Supplementation: Can we hack metabolism to improve health and performance?

Chair(s):

LITTLE, J. [CANADA]

CHARLOT, K. [FRANCE]

08:00 IS-PN04-1

IMPACT OF EXOGENOUS KETONE SUPPLEMENTATION ON EXERCISE PERFORMANCE: A FOCUS ON SKELETAL MUSCLE RECOVERY
STEPHENS, F. [UNITED KINGDOM]

08:25 IS-PN04-2

EXPLORING THE THERAPEUTIC POTENTIAL OF EXOGENOUS KETONE SUPPLEMENTS

LITTLE, J. [CANADA]

08:50 IS-PN04-3

HISTORY, CHALLENGES, AND OPPORTUNITIES IN THE FIELD OF EXOGENOUS KETONE SUPPLEMENTATION

CLARKE, K. [UNITED KINGDOM]

OP-PN10

Amphitheatre Havane

Cardiovascular Physiology I

Chair(s):

RITTI-DIAS, R. [BRAZIL]

SOUZA, H. [BRAZIL]

08:00 OP-PN10-1

EFFECTS OF HEAT AND EXERCISE ON CAROTID AND RETINAL HAEMODYNAMICS

CADDY, H.T. ET AL [AUSTRALIA]

08:15 OP-PN10-2

THE MIDDLE CEREBRAL ARTERY BLOOD VELOCITY RESPONSE TO MODERATE INTENSITY CYCLING IN

CHILDREN, ADOLESCENTS AND ADULTS

WESTON, M.E. ET AL [UNITED KINGDOM]

08:30 OP-PN10-3

BLOOD OXYGEN IN THE NON-EXERCISING HUMAN FOREARM DURING DYNAMIC EXERCISE IN THE HEAT: IMPLICATIONS FOR SKIN BLOOD FLOW CONTROL

TRANGMAR, S.J. ET AL [UNITED KINGDOM]

08:45 OP-PN10-4

SEX DIFFERENCES IN THE IMPACT OF EXERCISE ON VASCULAR FUNCTION: A WITHIN-SUBJECT RANDOMISED CROSS-OVER TRIAL OF TWINS

THOMAS, H.J. ET AL [AUSTRALIA]

09:00 OP-PN10-5

POST-EXERCISE BLOOD PRESSURE AFTER AEROBIC CONTINUOUS AND INTERVAL EXERCISE IN YOUNG HEALTHY SUBJECTS

YLINEN, V. ET AL [FINLAND]

OP-AP26

341

Football: Analytics

Chair(s):

SOUSA, F. [BRAZIL]

ZAK, L. [FRANCE]

08:00 OP-AP26-1

PHYSIOLOGICAL PROFILES AND ACTIVITY PATTERNS OF AMPUTEE SOCCER PLAYERS DURING AMPUTEE SOCCER MATCH PLAY

ESATBEYOGLU, F. ET AL [TURKEY]

08:15 OP-AP26-2

ENERGY INTAKE, TRAINING AND MATCH LOAD OF ADOLESCENT FEMALE SOCCER PLAYERS OF INTERNATIONAL STANDARD

MCHAFFIE, S.J. ET AL [UNITED KINGDOM]

08:30 OP-AP26-3

CHANGE OF DIRECTION DEMANDS IN GERMAN HIGH-PERFORMANCE SOCCER

DEUTSCH, J. ET AL [GERMANY]

08:45

OP-AP26-4

PHYSICAL DEMANDS COMPARISON OF AN ELITE SOCCER TEAM IN BRAZIL AT DIFFERENT COMPETITION LEVELS: STATE, NATIONAL AND INTERNATIONAL.

VIEIRA, N.A. ET AL [BRAZIL]

OP-BM10

342A

Strength training

Chair(s):

COLOSIO, A. [BELGIUM]

IGLESIAS-SOLER, E. [SPAIN]

08:00 OP-BM10-1

ESTIMATION OF NEUROMODULATORY AND INHIBITORY INPUTS TO MOTONEURONS IN CHRONICALLY STRENGTH TRAINED INDIVIDUALS

ŠKARABOT, J. ET AL [UNITED KINGDOM]

08:15 OP-BM10-2

THE USE OF BLOOD FLOW RESTRICTION DOES NOT ENHANCE ADAPTATIONS OF CORTICOSPINAL EXCITABILITY OR INTRACORTICAL INHIBITION AFTER ACUTE RESISTANCE TRAINING

KELLER, M. ET AL [SWITZERLAND]

08:30 OP-BM10-3

COMPARISON OF MOTOR UNIT FIRING RATE DURING HIGH-LOAD VS. LOW-LOAD BLOOD-FLOW RESTRICTION RESISTANCE TRAINING

MACGREGOR, L.J. [UNITED KINGDOM]

08:45 OP-BM10-4

COMPARISON OF PERSISTENT INWARD CURRENTS IN LOWER LIMB MUSCLES OF RESISTANCE TRAINED, ENDURANCE TRAINED, AND INACTIVE YOUNG INDIVIDUALS

GOREAU, V. ET AL [FRANCE]

OP-BM27

342B

Swimming

Chair(s):

TOUBEKIS, A. [GREECE]

FIGUEIREDO, P. [UNITED ARAB EMIRATES]

08:00 OP-BM27-1

TORSO MOVEMENT AT SPRINT FRONT CRAWL AND BACKSTROKE SWIMMING SHARE SIMILAR PATTERNS BUT ALSO HAVE DISTINCT DIFFERENCES.

NIKODELIS, T. ET AL [GREECE]

08:15 OP-BM27-2

STROKE REGULATION TIMING ACCORDING TO FINAL PERFORMANCE DURING INTERNATIONAL OPEN-WATER RACES : A RACE ANALYSIS USING EMBEDDED SENSORS

BOUVET, A. ET AL [FRANCE]

08:30 OP-BM27-3

RESISTED SWIMMING: COMPARISON BETWEEN THRUST FORCE EXERTED BY THE HAND AND APPLIED TO THE TETHERED DEVICE

CORTESI, M. ET AL [ITALY]

08:45 OP-BM27-4

WEARABLE PRESSURE SENSORS FOR SWIMMING THRUST ANALYSIS: A VALIDATION STUDY

COLORETTI, V. ET AL [ITALY]

09:00 OP-BM27-5

PERFORMANCE DESCRIPTORS IN ARTISTIC SWIMMING TECHNIQUE: THE RELATIONSHIP BETWEEN PROPULSION, SYMMETRY, STABILITY, AND HEIGHT IN DIFFERENT STATIC FIGURES

FANTOZZI, S. ET AL [ITALY]

OP-AP28

343

Talent Identification

Chair(s):

LIMA, L. [BRAZIL]

GROVER, V. [INDIA]

08:00 OP-AP28-1

NON-INVASIVE ESTIMATION OF HUMAN MUSCLE FIBER TYPE COMPOSITION; A MULTIDIMENSIONAL APPROACH

VAN DE CASTEELE, F. ET AL [BELGIUM]

08:15 OP-AP28-2

ORIENTING ADOLESCENTS AND INCREASING TALENT POOLS IN TRACK AND FIELD, VOLLEYBALL AND CYCLING.

PION, J. ET AL [BELGIUM]

08:30 OP-AP28-3

PHYSICAL FITNESS AND MOTOR COMPETENCE TESTS AS PREDICTORS OF TALENT IN SOCCER? THE CORRELATION OF JUVENILE TEST RESULTS AND LATER SUCCESS VIEWED STEPWISE OVER 12 YEARS – A LONGITUDINAL STUDY

SIENER, M. ET AL [GERMANY]

OP-MH19

351

Ageing and exercise interventions

Chair(s):

GALVANI, C. [ITALY]

TAKEDA, R. [JAPAN]

08:00 OP-MH19-1

APPLICABILITY OF A CONTROLLED SUPRAMAXIMAL HIT PROGRAM AMONG NON-EXERCISING OLDER ADULTS

SIMONSSON, E. ET AL [SWEDEN]

08:15 OP-MH19-2

HOW DOES OLDER ADULTS' FITNESS LEVEL IMPACT

THE ASSOCIATIONS BETWEEN BORG'S RPE SCALE AND PHYSIOLOGICAL MEASURES OF EXERCISE INTENSITY?

FOSSTVEIT, S.H. ET AL [NORWAY]

08:30 OP-MH19-3

A LONGITUDINAL STUDY ON CARDIOPULMONARY FUNCTION OF OLDER ADULT CYCLISTS

FATHI, A. ET AL [UNITED KINGDOM]

08:45 OP-MH19-4

MUSCLE STRENGTH AND METABOLIC HEALTH IN MASTER ENDURANCE RUNNER: DO THEY DIFFER FROM YOUNG RUNNERS AND SEDENTARY ELDERLY?

ORESKÁ, L. ET AL [SLOVAKIA]

09:00 OP-MH19-5

EFFECTS OF OLD AND VERY OLD AGE ON NEUROMUSCULAR FATIGUE DURING ISOMETRIC, CONCENTRIC AND CYCLING FATIGUING TASKS IN MEN AND WOMEN

ROZAND, V. ET AL [UNITED STATES]

OP-AP29

352A

Body Composition

Chair(s):

CHIU, C. [UNITED KINGDOM]

RODRIGUEZ-SANCHEZ, N. [UNITED KINGDOM]

08:00 OP-AP29-1

NEW BIOELECTRICAL IMPEDANCE VECTOR REFERENCES AND PHASE ANGLE CENTILE CURVES IN 4,367 HEALTHY MALE AND FEMALE CAUCASIAN ADULTS: THE NEED FOR AN URGENT UPDATE AFTER 30 YEARS

CAMPA, F. ET AL [ITALY]

08:15 OP-AP29-2

SOMATOTYPE AFFECTS LEAN BODY MASS ESTIMATION WITH BIOELECTRICAL IMPEDANCE ANALYSIS

UTCZÁS, K. ET AL [HUNGARY]

08:30 OP-AP29-3

RELATIONSHIP BETWEEN MAXIMUM FAT OXIDATION DURING A GRADED CYCLING TEST AND SUBCUTANEOUS ADIPOSE TISSUE MEASURED USING ULTRASOUND IN ELITE TRIATHLETES

MATHY, A. ET AL [AUSTRIA]

08:45 OP-AP29-4

DOES THE ULTRASOUND THICKNESS REPRESENT AN ACCURATE METHOD TO PREDICT LEAN MASS IN RESISTANCE TRAINED MEN?

VALAMATOS, M.J. ET AL [PORTUGAL]

OP-MH18

352B

Physical activity promotion II

Chair(s):

ABU ALIM, M. [JORDAN]

PIZZARRO, A. [PORTUGAL]

08:00 OP-MH18-1

BECOMING A CYCLIST TO BE ACTIVE: A SYSTEMATIC REVIEW OF THE EFFECT OF CYCLING EDUCATION AND BUILT ENVIRONMENT ON PHYSICAL ACTIVITY

DERIGNY, T. ET AL [FRANCE]

08:15 OP-MH18-2

THE BENEFICIAL EFFECT OF 12 WEEKS OF RESISTANCE TRAINING ON MEMORY AND EXECUTIVE COGNITIVE FUNCTION OF MILD COGNITIVELY IMPAIRED OLDER ADULTS

KUŠLEIKIENE, S. ET AL [LITHUANIA]

08:30 OP-MH18-3

PREVENTING PHYSICAL PERFORMANCES DURING ISOLATION PERIODS IN COMMUNITY-DWELLING OLDER ADULTS: ONLY ONE ONLINE REMOTE PHYSICAL ACTIVITY INTERVENTION MODE AS SOLUTION?

AUBERTIN-LEHEUDRE, M. [CANADA]

08:45

OP-MH18-4

"HEALTHY ACTIVE LEARNING": 1-YEAR FOLLOW-UP EVALUATION TO INFORM LOCAL CO-DESIGN OF A NATIONAL CROSS-GOVERNMENT PHYSICAL ACTIVITY INITIATIVE

ALI, A. ET AL [NEW ZEALAND]

OP-MH28

353

Health and fitness (mixed)

Chair(s):

LEITAO, L. [PORTUGAL]

DAWSON, E. [UNITED KINGDOM]

08:00 OP-MH28-1

HIGH INTENSITY INTERVAL TRAINING ENHANCES CARDIOPULMONARY FITNESS IN PREGNANT WOMEN WITHOUT ADVERSE EFFECTS ON THE LEVELS OF PLACENTAL GROWTH FACTOR (PLGF)

SZUMILEWICZ, A. ET AL [POLAND]

08:15 OP-MH28-2

ACUTE EFFECT OF PSYCH UP ON MUSCULAR PERFORMANCE

KREKOUKIA, M. ET AL [GREECE]

08:30 OP-MH28-3

CLOSING THE GAP: IDENTIFYING SEX-SPECIFIC MITOCHONDRIAL RESPONSES TO HIGH-INTENSITY INTERVAL TRAINING (HIIT) IN HUMAN SKELETAL MUSCLE

TAYLOR, D.F. ET AL [AUSTRALIA]

08:45 OP-MH28-4

SPORT-SPECIFIC TRAINING DOES NOT ENHANCE IMPROVEMENT IN NEUROMUSCULAR PERFORMANCE IN RELATION TO GROWTH

PETRIDIS, L. ET AL [HUNGARY]

09:00 OP-MH28-5

RELATIONSHIP BETWEEN MODERATE-TO-VIGOROUS, LIGHT INTENSITY PHYSICAL ACTIVITY AND SEDENTARY BEHAVIOR IN A PROSPECTIVE COHORT OF OLDER FRENCH ADULTS: A 18-YEAR FOLLOW-UP OF MORTALITY AND

CARDIOVASCULAR

DUPRÉ, C. ET AL [FRANCE]

OP-MH29

315

Sports medicine and orthopedics

Chair(s):

MCPHEE, J. [UNITED KINGDOM]

DELA, F. [DENMARK]

08:00 OP-MH29-1

CREATINE KINASE LEVELS IN PLASMA CAN PREDICT MUSCLE TISSUE DAMAGE FOLLOWING ELECTRICAL MUSCLE STIMULATION

KARLOG, K. ET AL [DENMARK]

08:15 OP-MH29-2

CHANGES IN TREADMILL AND OVERGROUND RUNNING BIOMECHANICS WHILE LISTENING TO IN-EAR MUSIC: A PILOT, GENDER-BASED STUDY

VENTURA, L. ET AL [ITALY]

08:30 OP-MH29-3

IMPLEMENTING THE CONCUSSION AWARENESS TRAINING TOOL FOR HIGH PERFORMANCE ATHLETES

BABUL, S. ET AL [CANADA]

08:45 OP-MH29-4

THE POWERLIFTING COMMUNITY'S KNOWLEDGE AND UNDERSTANDING OF THE TRIAD

DOYLE-BAKER, P. [CANADA]

09:00 OP-MH29-5

INVESTIGATING THE EFFECTS OF REPETITIVE SOCCER HEADING ON COGNITIVE AND SENSORIMOTOR PERFORMANCES IN FEMALE SOCCER PLAYERS – A PROSPECTIVE APPROACH

KERN, J. ET AL [GERMANY]

OP-SH11

361

Mindfulness

Chair(s):

MIGLIACCIO, G. [ITALY]

MONTULL, L. [SPAIN]

08:00 OP-SH11-1

A SYSTEMATIC REVIEW OF SELF-COMPASSION CORRELATES IN COMPETITIVE SPORTS

MICHALCZYK, M. ET AL [UNITED KINGDOM]

08:15 OP-SH11-2

EVALUATION OF SPORTS-SPECIFIC MINDFUL PROGRAM (SSMP) FOR ELITE ARCHERS

LO, K.K. ET AL [HONG KONG]

08:30 OP-SH11-3

THE PSYCHOLOGICAL STATE AND MENTAL HEALTH OF ELITE ADOLESCENT ATHLETES: THE MEDIATION EFFECT OF RESILIENCE

CHANG, K.T. ET AL [TAIWAN]

08:45 OP-SH11-4

EFFECTS OF AN 8-WEEK OF BRIEF MINDFULNESS MEDITATION COMBINED WITH A RUNNING PROGRAM ON MINDFULNESS SKILLS AND WELL-BEING OF TRAINED RUNNERS

CARTON, A. ET AL [FRANCE]

09:00 OP-SH11-5

EFFECTIVENESS OF AN ONLINE ACCEPTANCE AND COMMITMENT THERAPY-BASED PROGRAMME IN REDUCING PERFECTIONISM IN FEMALE SOCCER PLAYERS

WATSON, D.R. ET AL [UNITED KINGDOM]

OP-MH21

362+363

Exercise therapy

Chair(s):

SEGURA-JIMÉNEZ, V. [SPAIN]

SOYLU, Ç. [TURKEY]

08:00 OP-MH21-2

DOES HEART RATE VARIABILITY MEDIATE THE ASSOCIATION BETWEEN CHRONIC STRESS, CARDIORESPIRATORY FITNESS, AND WORKING MEMORY MAINTENANCE?

LOOSER, V.N. ET AL [SWITZERLAND]

08:15 OP-MH21-2

EFFECT OF A THREE-MONTH PHYSICAL ACTIVITY INTERVENTION ON BALANCE, EXERCISE CAPACITY AND MAXIMAL LOWER LIMB STRENGTH IN PATIENTS WITH LOWER EXTREMITY ARTERY DISEASE – PRELIMINARY RESULTS.

GUILLERON, C. ET AL [FRANCE]

08:30 OP-MH21-3

IMPACT OF TWO TYPES OF PHYSICAL EXERCISE PROGRAMS AND NUTRITIONAL COUNSELLING ON CARDIOVASCULAR RISK IN TYPE 2 DIABETES MELLITUS

REBOLLO-RAMOS, M. ET AL [SPAIN]

08:45 OP-MH21-4

CURRENT IMPLEMENTATION AND BARRIERS TO USING BLOOD FLOW RESTRICTION TRAINING: INSIGHTS FROM A SURVEY OF ALLIED HEALTH PRACTITIONERS

SCOTT, B.R. ET AL [AUSTRALIA]

OP-PN29

Bar Arlequin

Caffeine

Chair(s):

MARTIN, D. [UNITED KINGDOM]

MARGITA, S. [HUNGARY]

08:00 OP-PN29-1

DO CAFFEINE AND MENSTRUAL CYCLE PHASE AFFECT PHYSICAL PERFORMANCE IN A 5-KM CYCLE TIME TRIAL IN WOMEN? PRELIMINARY DATA FROM A PARALLEL, DOUBLE-BLIND, PLACEBO-CONTROLLED CLINICAL TRIAL.

MENDES, G.L. ET AL [BRAZIL]

08:15 OP-PN29-2

EFFECTS OF CAFFEINE ON SALIVA IMMUNOGLOBULIN A IN RESPONSE TO PROLONGED INTERMITTENT EXERCISE IN FEMALE TEAM-SPORT ATHLETES

DULSON, D.K. ET AL [UNITED KINGDOM]

08:30 OP-PN29-3

PRE-EXERCISE SUPPLEMENTATION OF 5 MG/KG CAFFEINE INCREASES HEAT PRODUCTION AND CORE TEMPERATURE WITHOUT CHANGING EXERCISE TOLERANCE IN THE HEAT: A DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL

WALDRON, M. ET AL [UNITED KINGDOM]

08:45 OP-PN29-4

CAFFEINE IMPROVES 30-MIN TIME TRIAL RUNNING PERFORMANCE AFTER ONE NIGHT OF SLEEP DEPRIVATION

MARTINEZ-GONZALEZ, B. ET AL [ITALY]

09:00 OP-PN29-5

THE EFFECT OF CAFFEINE ON GUT CELL DAMAGE FOLLOWING EXERCISE IS INFLUENCED BY ADORA2A GENOTYPE BUT NOT CYP1A2 GENOTYPE.

DAVISON, G. ET AL [UNITED KINGDOM]

OP-SH21

313+314

Motivation

Chair(s):

FENTON, S. [UNITED KINGDOM]

GUILLET DESCAS, E. [FRANCE]

08:00 OP-SH21-1

STUDENTS' NEEDS FRUSTRATION IN PHYSICAL EDUCATION CLASS AS PREDICTOR OF THEIR INTENTION TO BE PHYSICALLY ACTIVE

FRANCO, E. ET AL [SPAIN]

08:15 OP-SH21-2

SELF-CONTROLLING TASK DIFFICULTY DURING SELF-REGULATED PRACTICE BENEFITS PERFORMANCE AND MOTIVATION.

DUIVENVOORDEN, J. ET AL [NETHERLANDS]

08:30 OP-SH21-3

EXPLORING INTERACTIONS IN PHYSICAL EDUCATION: TEACHERS' MOTIVATIONAL BEHAVIOURS AND SELF-EFFICACY TO CREATE INCLUSIVE CONTEXTS.

GUTIÉRREZ-REINA, D. ET AL [SPAIN]

08:45 OP-SH21-4

"DO WHAT I SAY, NOT WHAT I DO": PUPILS PERSONAL VALUES ARE INFLUENCED BY THEIR PHYSICAL EDUCATION TEACHERS' VALUES IN CONTEXT OF INTENSE EMOTIONAL STATES.

SCHWEIZER, T. ET AL [SWITZERLAND]

Friday, 7 July

09:30 - 10:45

IS-PN01

Grand Amphitheatre

The power-duration relationship: physiological determinants and practical applications

Chair(s):

VANHATALO, A. [UNITED KINGDOM]

SAMOZINO, P. [FRANCE]

09:30 IS-PN01-1

HISTORICAL BASES FOR THE CRITICAL POWER (CP) CONCEPT

POOLE, D. [UNITED STATES]

09:55 IS-PN01-2

MECHANISTIC BASES OF THE POWER-DURATION RELATIONSHIP

VANHATALO, A. [UNITED KINGDOM]

10:20 IS-PN01-3

W MODELLING DURING INTERMITTENT EXERCISE: CURRENT LIMITATIONS AND FUTURE CHALLENGES OF PREDICTIVE MODELS

CAEN, K. [BELGIUM]

OP-PN11

Amphitheatre Bordeaux

Cardiovascular Physiology II

Chair(s):

MÖLLER, F. [GERMANY]

COTE, A. [CANADA]

09:30 OP-PN11-1

ACUTE LOCAL AND SYSTEMIC RESPONSES TO A MODULATED EXERCISE STIMULUS USING BLOOD

FLOW RESTRICTION.

JI, S. ET AL [GERMANY]

09:45 OP-PN11-2

MAXIMAL OXYGEN UPTAKE IS NOT REDUCED DURING A MAXIMAL INCREMENTAL RUNNING PROTOCOL WITH MUSCLE BLOOD FLOW RESTRICTION

CHRYSSANTHOPOULOS, C. ET AL [GREECE]

10:00 OP-PN11-3

HEMODYNAMIC EFFECTS OF INTERMITTENT PNEUMATIC COMPRESSION IN SPORT

MAIA, F. ET AL [PORTUGAL]

10:15 OP-PN11-4

IMPACTS OF ENDURANCE VERSUS RESISTANCE TRAINING ON DIASTOLIC FUNCTION IN HUMANS

COLLIS, J.J. ET AL [AUSTRALIA]

10:30 OP-PN11-5

NON-INVASIVE ASSESSMENT OF THE PULMONARY AND SYSTEMIC VASCULAR DISTENSIBILITY AT EXERCISE IN SEDENTARY VS. ATHLETIC SUBJECTS

CARPENTIER, M. [BELGIUM]

OP-AP27

Amphitheatre Havane

Training and Testing: Power and Strength II

Chair(s):

BOGDANIS, G. [GREECE]

ZEMKOVA, E. [SLOVAKIA]

09:30 OP-AP27-1

POST-ACTIVATION JUMP PERFORMANCE ENHANCEMENT IS DIMINISHED FOLLOWING A LOADED PLYOMETRIC EXERCISE RESULTING IN MINOR MUSCLE DAMAGE

LIMA, L.C.R. ET AL [BRAZIL]

09:45 OP-AP27-2

EFFECTS OF LOADING POSITIONS ON THE ACTIVATION OF TRUNK AND HIP MUSCLES DURING FLYWHEEL AND DUMBBELL SINGLE-LEG ROMANIAN DEADLIFT EXERCISES

MO, R.C.Y. ET AL [HONG KONG]

10:00 OP-AP27-3

ACUTE EFFECTS OF DRY LAND RESISTANCE TRAINING ON SWIMMING PERFORMANCE IN MALE AND FEMALE SWIMMERS

ARSONIADIS, G. ET AL [GREECE]

OP-PN08

341

Hormonal Biology II

Chair(s):

DOYLE-BAKER, P. [CANADA]

IHALAINEN, J. [FINLAND]

09:30 OP-PN08-1

MENSTRUAL CYCLE PHASES AND PERFORMANCE IN ELITE WOMEN SOCCER PLAYERS

LISTA, M. ET AL [ITALY]

09:45 OP-PN08-2

THE INFLUENCE OF MENSTRUAL CYCLE PHASE ON PHYSIOLOGICAL ENDURANCE PERFORMANCE - DETERMINING VARIABLES IN ENDURANCE - TRAINED ATHLETES

TAYLOR, M. ET AL [NORWAY]

10:00 OP-PN08-3

THE PREVALENCE OF MENSTRUAL DISTURBANCES IN FEMALE ENDURANCE ATHLETES: THE INFLUENCE OF PERFORMANCE LEVEL AND COMPARISON OF METHODOLOGIES

NOORDHOF, D.A. ET AL [NORWAY]

10:15 OP-PN08-4

PREVALENCE AND PERCEIVED IMPACT OF HORMONAL CONTRACEPTIVE USE ON PERFORMANCE IN A GLOBAL POPULATION OF WOMEN'S RUGBY

BROWN, N. ET AL [UNITED KINGDOM]

10:30 OP-PN08-5

ON-FIELD METHODOLOGICAL APPROACH TO MONITOR THE MENSTRUAL CYCLE AND HORMONAL PHASES IN ELITE FEMALE ATHLETES

DUPUIT, M. [FRANCE]

IS-MH07

342A

Physical activity for cognitive health across the lifespan: when, what and how?

Chair(s):

BEN, R. [AUSTRALIA]

SCHMITT, A. [FRANCE]

09:30 IS-MH07-1

PHYSICAL ACTIVITY EFFECTS ON COGNITIVE AND BRAIN HEALTH IN SCHOOL AGE CHILDREN

HILLMAN, C. [UNITED STATES]

09:55 IS-MH07-2

ADULTHOOD - LOOKING TO BOOST A COGNITIVE AND BRAIN RESERVE

BEN, R. [AUSTRALIA]

10:20 IS-MH07-3

PHYSICAL ACTIVITY FOR COGNITIVE HEALTH IN OLDER ADULTS

EKBLOM, M. [SWEDEN]

OP-BM12

342B

Running I

Chair(s):

AGRESTA, C. [UNITED STATES]

GUO, L. [TAIWAN]

09:30 OP-BM12-1

THE ROLE OF POSTURE IN REDISTRIBUTING THE RELATIVE CONTRIBUTION OF THE LOWER-LIMB JOINTS TO TOTAL LIMB MECHANICAL POWER DURING UNEVEN RUNNING

AMINIAGHDAM, S. ET AL [UNITED KINGDOM]

09:45 OP-BM12-2

MECHANICAL PROPERTIES OF MODERN RUNNING SHOE FOAMS ARE HIGHLY VARIABLE AND CORRELATED WITH RUNNING ECONOMY

IMPROVEMENTS

BURNS, G.T. ET AL [UNITED STATES]

10:00 OP-BM12-3

INCREASING LOAD CARRYING OR RUNNING SPEED DIFFERENTIALLY AFFECT THE MAGNITUDE, VARIABILITY AND COORDINATION PATTERNS OF MUSCLE FORCES

VAN WAERBEKE, C. ET AL [FRANCE]

10:15 OP-BM12-4

COMPARISON OF PASSIVE AND ACTIVE MECHANICAL WORK IN HUMAN RUNNING AT DIFFERENT STEP FREQUENCIES

MESQUITA, R.M. ET AL [BELGIUM]

10:30 OP-BM12-5

ESTIMATION OF RUNNING EVENTS WITH FOOT-MOUNTED INERTIAL SENSORS FOR DIFFERENT RUNNING PACES

ROSSANIGO, R. ET AL [ITALY]

OP-PN09

343

Physiology: Energy Metabolism II

Chair(s):

LEITAO, L. [PORTUGAL]

KOEHLER, K. [GERMANY]

09:30 OP-PN09-1

THE INFLUENCE OF BIOLOGICAL SEX ON OXYGEN UPTAKE KINETICS DURING MODERATE AND HEAVY INTENSITY EXERCISE

ANSDELL, P. ET AL [UNITED KINGDOM]

09:45 OP-PN09-2

FAT OXIDATION IS POSITIVELY ASSOCIATED WITH RUNNING PERFORMANCE AFTER STRENUOUS CYCLING IN YOUNG TRIATHLETES

KELLER, S. ET AL [GERMANY]

10:00 OP-PN09-3

METABOLIC PROFILE IN BADMINTON MATCH PLAY

EDEL, A. ET AL [GERMANY]

10:15

OP-PN09-4

ALL IN ONE TESTING OF \dot{V}_{O2LMAX} AND \dot{V}_{O2MAX} : MODELLING \dot{V}_{O2LMAX} OUT OF POST LACTATE VALUES AFTER A RAMP TEST - A CASE STUDY

VENZKE, J. ET AL [GERMANY]

10:30

OP-PN09-5

MIR-29 FAMILY PLAYS A RELEVANT ROLE IN ENDURANCE PERFORMANCE THROUGH THE UPREGULATION OF EXERCISE-ASSOCIATED ENERGY MOLECULAR PATHWAYS

PINTO-HERNÁNDEZ, P. ET AL [SPAIN]

IS-MH05

351

The power of water: Hydrotherapy for the prevention and treatment of cardiovascular disease

Chair(s):

LUCAS, S. [UNITED KINGDOM]

MALGOYRE, A. [FRANCE]

09:30 IS-MH05-1

H2-GO! THE PHYSIOLOGY AND CLINICAL IMPACTS OF WATER-BASED EXERCISE IN THE UPRIGHT POSTURE IN HUMANS

GREEN, D. [AUSTRALIA]

09:55 IS-MH05-2

JUST ADD HOT WATER: TURNING UP THE HEAT ON CARDIOVASCULAR DISEASE

COTTER, J. [NEW ZEALAND]

10:20 IS-MH05-3

MAKE A SPLASH - AQUATIC ACTIVITY AS AN OPTIMAL THERAPEUTIC EXERCISE STRATEGY FOR STROKE SURVIVORS

LUCAS, S. [UNITED KINGDOM]

OP-PN12

352A

Hypoxia I

Chair(s):

MILLET, G. [SWITZERLAND]

CARR, A. [AUSTRALIA]

09:30 OP-PN12-1

EFFECT OF REPEATED SPRINT TRAINING IN HYPOXIA ON THE REDOX BALANCE IN WELL TRAINED ATHLETES

CHAMBION-DIAZ, M. ET AL [FRANCE]

09:45 OP-PN12-2

SEX DIFFERENCES IN PULMONARY LIMITATIONS DURING MAXIMAL-INTENSITY EXERCISE IN NORMOXIA AND HYPOXIA

RABERIN, A. ET AL [SWITZERLAND]

10:00 OP-PN12-3

ACUTE RESPONSES OF THE INTER-EFFORT RECOVERY HYPOXIA ON PHYSIOLOGICAL, CARDIORESPIRATORY PARAMETERS AND MUSCLE OXYGENATION DURING HIGH-INTENSITY INTERVAL EXERCISE IN RUNNING.

NORBERTO, M.S. [BRAZIL]

10:15 OP-PN12-4

EFFECT OF HYPOXIA ON AEROBIC VS ANAEROBIC ENERGY EXPENDITURE DURING HIGH INTENSITY INTERVAL EXERCISE

ALMADHOUN, S. ET AL [QATAR]

OP-MH23

352B

Metabolic syndrome and diabetes I

Chair(s):

CALCAGNO, G. [ITALY]

DE VITO, G. [ITALY]

09:30 OP-MH23-1

AEROBIC EXERCISE IMPROVES FAT OXIDATION

Invited & Oral/YIA Presentations

CAPACITY AND REDUCES INSULIN RESISTANCE LEVELS IN PATIENTS WITH TYPE 2 DIABETES MELLITUS: PRELIMINARY RESULTS OF THE EDUGUTION STUDY

MONTES-DE-OCA-GARCÍA, A. ET AL [SPAIN]

09:45 OP-MH23-2

DOES TRAINABILITY DIFFER BETWEEN PATIENTS WITH TYPE 2 DIABETES AND OBESE CONTROLS?

BORCH, J. ET AL [DENMARK]

10:00 OP-MH23-3

THE EFFECT OF ACUTE KETONE MONOESTER INGESTION ON MUSCLE OXYGENATION AND SYSTEMIC VASCULAR FUNCTION AT REST AND DURING INCREMENTAL CYCLING EXERCISE IN ADULTS WITH TYPE 2 DIABETES MELLITUS

PERISSIOU, M. ET AL [UNITED KINGDOM]

10:15 OP-MH23-4

12 WEEKS OF AEROBIC TRAINING INCREASES MITOCHONDRIAL RESPIRATORY CAPACITY IN SKELETAL MUSCLE AND SUBCUTANEOUS WHITE ADIPOSE TISSUE IN PATIENTS WITH TYPE 2 DIABETES

BLOM, I. ET AL [DENMARK]

10:30 OP-MH23-5

THE EFFECT OF REPEATED HOT WATER IMMERSIONS ON INSULIN SENSITIVITY, GLUCOSE TOLERANCE, EHSP70 AND INFLAMMATION IN INDIVIDUALS WITH TYPE 2 DIABETES MELLITUS: A PRE- POST-EXPERIMENTAL TRIAL

JAMES, T.J. ET AL [UNITED KINGDOM]

OP-PN19

353

Thermoregulation I

Chair(s):

IOANNOU, L. [SLOVENIA]

PÉRIARD, J. [AUSTRALIA]

09:30 OP-PN19-1

AN OVERVIEW OF ELITE ATHLETE PREPARATION, KNOWLEDGE/PERCEPTIONS AND REAL/ PERCEIVED BARRIERS TO THE IMPLEMENTATION

OF EVIDENCE INFORMED BEST PRACTICE FOR COMPETITION IN THE HEAT.

TAYLOR, L. ET AL [UNITED KINGDOM]

09:45 OP-PN19-2

CONCURRENT VALIDITY OF THE CORE WEARABLE SENSOR WITH BODYCAP TEMPERATURE PILL TO ASSESS CORE BODY TEMPERATURE DURING AN ELITE WOMEN'S FIELD HOCKEY HEAT TRAINING CAMP

GOODS, P.S.R. ET AL [AUSTRALIA]

10:00 OP-PN19-3

EFFECT OF A NOVEL 'CONDENSED' HEAT ACCLIMATION INTERVENTION ON THE THERMOPHYSIOLOGICAL RESPONSES TO EXERCISE-HEAT STRESS.

STEVENS, C.E. ET AL [UNITED KINGDOM]

10:15 OP-PN19-4

THE EFFECTS OF A COMBINED ACTIVE AND PASSIVE HEAT ACCLIMATION PROTOCOL IN ENDURANCE TRAINED TRIATHLETES.

SNAPE, D. ET AL [UNITED KINGDOM]

10:30 OP-PN19-5

EFFECT OF HEAT ACCLIMATION WHEN EXISTING TRAINING LOAD REMAINS CONSTANT – A PILOT STUDY WITHIN INTERNATIONAL TRIATHLETES

LEE, C.W.D. ET AL [HONG KONG]

OP-MH20

315

Respiratory disease

Chair(s):

ZOE, S. [UNITED KINGDOM]

MARILLIER, M. [FRANCE]

09:30 OP-MH20-1

THE EFFECT OF ADDING COGNITIVE TRAINING TO PULMONARY REHABILITATION PROGRAM IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASES: A RANDOMIZED CONTROLLED TRIAL

TRABELSI, Y. [TUNISIA]

09:45 OP-MH20-2

NUTRITIONAL STATUS, METABOLIC PROFILE, PRO/ANTI-OXIDANT STATUS AND GUT MICROBIOTA COMPOSITION AS MEDIATORS OF NEUROMUSCULAR FATIGABILITY IN COVID-19 PATIENTS SIX MONTHS AFTER ICU DISCHARGE

MARTIN, V. ET AL [FRANCE]

10:00 OP-MH20-3

O2 SUPPLEMENTATION IMPROVES O2-UPTAKE KINETICS AND EXERCISE CAPACITY IN PATIENTS WITH PULMONARY VASCULAR DISEASE

KADOSH, S. ET AL [ISRAEL]

10:15 OP-MH20-4

THE INFLUENCE OF SEX AND BMI ON PULMONARY FUNCTION TRAJECTORIES IN YOUTH WITH CYSTIC FIBROSIS

MCNARRY, M.A. ET AL [UNITED KINGDOM]

OP-SH12

361

Psychology in team sports

Chair(s):

PATTYN, N. [BELGIUM]

DONTI, O. [GREECE]

09:30 OP-SH12-1

STRESS AND PERFECTIONISM AMONG MALE AND FEMALE AGE-SPECIFIC NATIONAL TEAM PLAYERS IN FOOTBALL, HANDBALL, AND ICE-HOCKEY

SÆTHER, S.A. ET AL [NORWAY]

09:45 OP-SH12-2

EXPERTISE AND TRAINING OF ANTICIPATION IN GOALKEEPING

HUESMANN, K. ET AL [GERMANY]

10:00 OP-SH12-3

INFLUENCE OF SOCIAL IDENTITY ON EMOTIONS AND GROUP DYNAMICS IN TWO WOMENS TEAM SPORTS

GERAT, P. [FRANCE]

OP-MH30

362+363

Neurological diseases

Chair(s):

RAGERT, P. [GERMANY]

ALBERTUS, Y. [SOUTH AFRICA]

09:30 OP-MH30-1

PERSONS WITH MULTIPLE SCLEROSIS CHANGE THEIR HABITUAL PHYSICAL ACTIVITY OUTSIDE EXERCISE SESSIONS AS A BEHAVIOURAL COMPENSATION TO EXERCISE: A PILOT STUDY.

NIESTE, I. ET AL [BELGIUM]

09:45 OP-MH30-2

BENEFITS OF INDIVIDUALIZED TRAINING IN FATIGUED PATIENTS WITH MULTIPLE SCLEROSIS

ROYER, N. ET AL [FRANCE]

10:00 OP-MH30-3

EFFECTS OF A TAILORED EXERCISE TRAINING PROGRAM IN PATIENTS WITH AMYOTROPHIC LATERAL SCLEROSIS

FERRI, A. ET AL [AUSTRALIA]

10:15 OP-MH30-4

RESULTS OF THE PHYSICAL ACTIVITY AND CAROTID ATHEROSCLEROTIC PLAQUE HEMORRHAGE STUDY

MURA, M. ET AL [FRANCE]

10:30 OP-MH30-5

NEUROPHYSIOLOGICAL CORRELATES OF COGNITIVE-MOTOR DUAL-TASKING IN EARLY PARKINSONS DISEASE DURING A BALANCE TASK

PESKAR, M. ET AL [SLOVENIA]

OP-PN30

Bar Arlequin

Nitrate

Chair(s):

JONVIK, K. [NORWAY]

HOLLOWAY, G. [CANADA]

09:30 OP-PN30-1

INFLUENCE OF BIOLOGICAL SEX ON BLOOD PRESSURE AND ENDURANCE PERFORMANCE DETERMINANTS AFTER ACUTE NITRATE SUPPLEMENTATION

ROWLAND, S.N. ET AL [UNITED KINGDOM]

09:45 OP-PN30-2

NITRATE-RICH WHOLE FOOD AS A NOVEL NUTRITIONAL STRATEGY TO REDUCE ORAL DISEASE RISK

BURLEIGH, M. ET AL [UNITED KINGDOM]

10:00 OP-PN30-3

EFFECTS OF DIETARY NITRATE ON MITOCHONDRIAL EFFICIENCY AND EXERCISE CAPACITY IN ELDERLY INDIVIDUALS AND PATIENTS WITH TYPE 2 DIABETES

FLENSTED-JENSEN, M. ET AL [DENMARK]

10:15 OP-PN30-4

A DOUBLE-BLIND PLACEBO-CONTROLLED RANDOMISED CROSSOVER TRIAL TO EVALUATE BROWN FAT QUALITY, QUANTITY AND ACTIVATION WITH INORGANIC NITRATE SUPPLEMENTATION IN PEOPLE WITH TYPE 2 DIABETES MELLITUS

NEAL, R. ET AL [UNITED KINGDOM]

10:30 OP-PN30-5

BEETROOT AND PARAXANTHINE BASED SUPPLEMENTS TO ENHANCE COGNITIVE PERFORMANCE: POSSIBLE APPLICATION IN SPORT?

CANNATARO, R. ET AL [ITALY]

OP-MH22

313+314

Physiotherapy II

Chair(s):

KAJ FRIDH, M. [DENMARK]

CHEN, T. [TAIWAN]

09:30

OP-MH22-1

EFFECTS OF BLOOD-FLOW RESTRICTED VERSUS CONVENTIONAL RESISTANCE TRAINING ON LOWER LIMB STRENGTH, FUNCTIONAL PERFORMANCE AND PAIN IN CLINICAL PATIENTS - A SYSTEMATIC REVIEW AND META-ANALYSIS
JØRGENSEN, S.L. ET AL [DENMARK]

09:45

OP-MH22-2

THE EFFECTIVENESS OF HIGH-VELOCITY ELASTIC-BAND TRAINING IN REDUCING THE OCCURRENCE OF HAMSTRING INJURIES IN FOOTBALL PLAYERS
KAMANDULIS, S. ET AL [LITHUANIA]

10:00

OP-MH22-3

UNRAVELLING THE CHALLENGES OF REHABILITATION AND TREATMENT OF MUSCULOSKELETAL DISORDERS IN PROFESSIONAL BALLET DANCERS
BENOIT PIAU, J. ET AL [CANADA]

Friday, 7 July

11:00 - 12:15

IS-BM01

Grand Amphitheatre

Exercise and mental training as medicine for the brain

Chair(s):

TAUBERT, M. [GERMANY]

SIEGLER, I. [FRANCE]

11:00

IS-BM01-1

PREDISPOSITIONS AND EXERCISE-INDUCED PLASTICITY IN THE HUMAN BRAIN

TAUBERT, M. [GERMANY]

11:25

IS-BM01-2

EXERCISE AND BRAIN HEALTH WITH A SPECIAL FOCUS ON GABAERGIC (INHIBITORY) PROCESSES
TAUBE, W. [SWITZERLAND]

11:50

IS-BM01-3

ENHANCING MENTAL TRAINING WITH NEUROFEEDBACK
WENDEROTH, N. [SWITZERLAND]

IS-AP03

Amphitheatre Bordeaux

A.I. IN SPORT AND EXERCISE SCIENCE: WE WERE SO PREOCCUPIED WITH WHETHER WE COULD, WE DIDN'T STOP TO THINK IF WE SHOULD

Chair(s):

ABT, G. [UNITED KINGDOM]

MULTON, F. [FRANCE]

11:00

IS-AP03-1

ARE WE DOOMED? THE FUTURE OF SPORT AND

EXERCISE SCIENTISTS IN THE FOURTH INDUSTRIAL REVOLUTION

ABT, G. [UNITED KINGDOM]

11:25

IS-AP03-2

MACHINE LEARNING FOR DUMMIES: SIMPLE METHODS TO IMPLEMENT ARTIFICIAL INTELLIGENCE ALGORITHMS INTO CONSUMER-BASED APPS

BALSALOBRE-FERNÁNDEZ, C. [SPAIN]

11:50

IS-AP03-3

HUMAN VS MACHINE: WHO MAKES THE DECISION WHEN IT COMES TO ATHLETE MANAGEMENT?

CLUBB, J. [UNITED KINGDOM]

OP-PN28

Amphitheatre Havane

Ketogenic

Chair(s):

CANNATARO, R. [ITALY]

HOLLOWAY, G. [CANADA]

11:00

OP-PN28-1

KETO-ADAPTATION FOR TEAM SPORT ENERGETICS?

PRETORIUS, J. ET AL [SOUTH AFRICA]

11:15

OP-PN28-2

EXOGENOUS KETONE SUPPLEMENTATION IMPAIRS 20-MINUTE TIME TRIAL PERFORMANCE IN TRAINED CYCLISTS

MCCARTHY, D.G. ET AL [CANADA]

11:30

OP-PN28-3

A KETONE MONOESTER DRINK REDUCES POSTPRANDIAL GLYCAEMIA IN INDIVIDUALS WITH TYPE 2 DIABETES.

MONTEYNE, A. [UNITED KINGDOM]

11:45

OP-PN28-4

EXOGENOUS KETOSIS ELEVATES CIRCULATING ERYTHROPOIETIN AND STIMULATES MUSCULAR ANGIOGENESIS DURING ENDURANCE TRAINING OVERLOAD

POFFÉ, C. ET AL [BELGIUM]

12:00

OP-PN28-5

THE IMPACT OF DIET ON HUMAN VASCULAR RESPONSES TO MENTAL STRESS

BAYNHAM, R. ET AL [UNITED KINGDOM]

OP-AP25

341

Team Sports: Load Monitoring

Chair(s):

BOGDANIS, G. [GREECE]

ZAK, L. [FRANCE]

11:00

OP-AP25-1

RELATIONSHIP BETWEEN INTERNAL AND EXTERNAL LOAD IN YOUNG ITALIAN HIGH-LEVEL SOCCER PLAYERS

MELIS, M. ET AL [ITALY]

11:15

OP-AP25-2

DIRECTION MATTERS WHEN DESIGNING FOOTBALL PRACTICE - INVESTIGATING THE REPRESENTATIVENESS OF POSSESSION GAMES VIA POSITIONAL DATA

DEUKER, A. ET AL [GERMANY]

11:30

OP-AP25-3

EXTERNAL MATCH-PLAY LOADS IN ELITE FEMALE ASSISTANT SOCCER OFFICIALS

CARLING, C. ET AL [FRANCE]

11:45

OP-AP25-4

MOVEMENT AND SUBJECTIVE TASK LOAD CHARACTERISTICS OF MATCH OFFICIALS DURING THE MEN'S AND WOMEN'S RUGBY LEAGUE WORLD CUP

TWIST, C. ET AL [UNITED KINGDOM]

IS-SH02

342A

Swimming education in Europe: State of research towards aquatic literacy

Chair(s):

VOGT, T. [GERMANY]

11:00

IS-SH02-1

LEN LEARN TO SWIM SUB-COMMISSION REPORT: ENSURING A SAFE GATEWAY TO THE AQUATIC WORLD

COSTA, A.M. ET AL [PORTUGAL]

11:25

IS-SH02-2

RESEARCH APPROACHES TO UNDERSTAND THE CORE DIMENSIONS OF AQUATIC LITERACY

DE MARTELAER, K. ET AL [BELGIUM]

11:50

IS-SH02-3

PEDAGOGICAL DIAGNOSTICS IN SWIMMING: A NEED FOR COMPREHENSIVE EDUCATION

STAUB, I. ET AL [GERMANY]

OP-BM13

342B

Running II

Chair(s):

LOPES STORNILO, J. [ITALY]

BISSAS, A. [UNITED KINGDOM]

11:00

OP-BM13-1

HOW RUNNING SPEEDS AFFECT ANKLE AND KNEE MUSCLE FORCES AND THE METABOLIC COST?

GERUS, P. ET AL [FRANCE]

11:15

OP-BM13-2

KNEE JOINT FORCES DURING SPORT LOCOMOTION: A COMPARISON OF LINEAR, TURNING AND CUTTING MOVEMENTS

STETTER, B.J. ET AL [GERMANY]

11:30 **OP-BM13-3**
NO DIFFERENCE IN BASELINE RUNNING HIP ADDUCTION-ABDUCTION JOINT ANGLES BETWEEN RUNNERS WHO DEVELOPED ILIOTIBIAL BAND SYNDROME AND MATCHED NON-INJURED CONTROLS OVER A 1-YEAR PROSPECTIVE STUDY (SIP)
SANCHEZ-ALVARADO, A. ET AL [GERMANY]

11:45 **OP-BM13-4**
OLDER AND LESS ECONOMIC RUNNERS BENEFIT FROM A SOFTER MIDSOLE.
TRAMA, R. ET AL [FRANCE]

12:00 **OP-BM13-5**
INFLUENCE OF DIFFERENT LONGITUDINAL BENDING STIFFNESS OF RUNNING "SUPER SHOES" ON BIOMECHANICS AND RUNNING ECONOMY.
RODRIGO-CARRANZA, V. ET AL [SPAIN]

OP-PN13

343

Hypoxia II

Chair(s):
RABERIN, A. [SWITZERLAND]
BILLAUT, F. [CANADA]

11:00 **OP-PN13-1**
DIFFERENTIAL EFFECTS OF HYPOXIA AND HEAT ON RESTING AND EXERCISE-RELATED BLOOD OXIDATIVE STRESS
DEBEVEC, T. ET AL [SLOVENIA]

11:15 **OP-PN13-2**
THE ISOLATED AND COMBINED EFFECTS OF ACUTE HYPOXIA, OVERNIGHT SLEEP DEPRIVATION, AND EXERCISE ON COGNITIVE AND PHYSIOLOGICAL FUNCTION
WILLIAMS, T.B. ET AL [UNITED KINGDOM]

11:30 **OP-PN13-3**
TIME COURSE OF RESTING AND EXERCISE-RELATED CARDIO-RESPIRATORY RESPONSES THROUGHOUT A THREE-DAY ALTITUDE EXPOSURE AT 3375 M

NARANG, B.J. ET AL [SLOVENIA]

11:45 **OP-PN13-4**
MICRODOSES OF RECOMBINANT HUMAN ERYTHROPOIETIN AT ALTITUDE FURTHER ENHANCES HEMOGLOBIN MASS BUT NOT MAXIMAL OXYGEN CONSUMPTION (VO2MAX) COMPARED TO ALTITUDE OR ERYTHROPOIETIN TREATMENT ALONE.
BREENFELDT ANDERSEN, A. ET AL [DENMARK]

12:00 **OP-PN13-5**
ADDING WHOLE-BODY CRYOTHERAPY EXPOSURE TO LIVE HIGH-TRAIN LOW AND HIGH HYPOXIC TRAINING.
MIHAJLOVIC, T. ET AL [FRANCE]

OP-BM11

351

Cycling

Chair(s):
AMATORI, S. [ITALY]
PRIEGO QUESADA, J. [SPAIN]

11:00 **OP-BM11-1**
APPORT OF THE IA TO IMPROVE BIKE PARAMETERS ON MUSCLE ACTIVITY AND POSITION IN ORDER TO OPTIMISE RIDER PERFORMANCE
ALGOURDIN, P. ET AL [FRANCE]

11:15 **OP-BM11-2**
DEVELOPMENT OF A FORCE-ENDURANCE MODEL ABLE TO DESCRIBE THE MUSCLE FATIGABILITY IN THE SEVERE DOMAIN AND VALIDATION OF THE RACLET TEST.
BOWEN, M. ET AL [FRANCE]

11:30 **OP-BM11-3**
MUSCLE FASCICLE BEHAVIOR DURING SPRINT CYCLING: NEW INSIGHTS REGARDING THE GAIN IN MAXIMAL POWER IN STANDING COMPARED TO SEATED POSITION
DOREL, S. ET AL [FRANCE]

11:45 **OP-BM11-4**
NO ASSOCIATION BETWEEN RELATIVE CHANGES IN SPRINT CYCLING TORQUE AND ISOMETRIC MID-THIGH PULL FORCE FOLLOWING A SIX-WEEK SPRINT CYCLING AND RESISTANCE TRAINING PROGRAM.
CONNOLLY, S. ET AL [AUSTRALIA]

12:00 **OP-BM11-5**
REAL-WORLD CYCLING CADENCES: EFFECT ON ENERGY COST, JOINT MECHANICS, AND FATIGUE
DU PLESSIS, C. ET AL [AUSTRALIA]

OP-BM20

352A

Neuromuscular function

Chair(s):
ŠKARABOT, J. [UNITED KINGDOM]
ALCAZAR, J. [SPAIN]

11:00 **OP-BM20-1**
THE EFFECTS OF INCREASED MUSCLE VS. CORE TEMPERATURE ON NEUROMUSCULAR FUNCTION AFTER A HOT-WATER IMMERSION SESSION
RODRIGUES, P. ET AL [AUSTRALIA]

11:15 **OP-BM20-2**
QUANTIFYING THE SPATIAL DISTRIBUTION OF INDIVIDUAL MUSCLE UNITS USING HIGH-DENSITY SURFACE EMG AND ULTRAFAST ULTRASOUND
ROHLÉN, R. ET AL [SWEDEN]

11:30 **OP-BM20-3**
MUSCLE DESTABILIZATION AFTER A SPECIFIC PROCEDURE OF CONTRACTION AND PASSIVE MOTION QUANTIFIED BY MEASUREMENTS OF THE ADAPTIVE FORCE
DECH, S. ET AL [GERMANY]

11:45 **OP-BM20-4**
INFLUENCE OF MUSCLE LENGTH ON PRESYNAPTIC INHIBITION OF THE SOLEUS MUSCLE DURING PASSIVE LENGTHENING, SHORTENING AND STATIC MUSCLE ACTIONS
COLARD, J. ET AL [FRANCE]

OP-MH24

352B

Metabolic syndrome and diabetes II

Chair(s):
CASALS VAZQUEZ, C. [SPAIN]
SABAG, A. [AUSTRALIA]

11:00 **OP-MH24-1**
AEROBIC EXERCISE, INFLAMMATION, AND GLYCAEMIC CONTROL IN TYPE 2 DIABETES: A RANDOMISED CONTROLLED TRIAL
SABAG, A. ET AL [AUSTRALIA]

11:15 **OP-MH24-2**
THE EFFECT OF AEROBIC EXERCISE TRAINING ON INSULIN-STIMULATED FEMORAL ARTERY BLOOD FLOW IN PATIENTS WITH TYPE 2 DIABETES AND HEALTHY MATCHED CONTROLS
HANSEN, M. ET AL [DENMARK]

11:30 **OP-MH24-3**
COMPARISON OF A 12-WEEK EXERCISE PROTOCOL OF HIIT VS. MICT ON CARDIORESPIRATORY FITNESS AND GLYCOSYLATED HEMOGLOBIN IN TYPE 2 DIABETICS
ÁVILA-CABEZA-DE-VACA, L. ET AL [SPAIN]

11:45 **OP-MH24-4**
THE EFFECTS OF 10-DAYS OF MODERATE OVERNIGHT NORMOBARIC HYPOXIA ON THE GUT MICROBIOTA IN INDIVIDUALS WITH TYPE 2 DIABETES MELLITUS: A SINGLE-BLIND, RANDOMISED, SHAM-CONTROLLED TRIAL.
GOULD, A. ET AL [UNITED KINGDOM]

12:00 **OP-MH24-5**
THE EFFECTS OF 10 NIGHTS OF NORMOBARIC HYPOXIA ON GLUCOSE HOMEOSTASIS AND INFLAMMATION IN PEOPLE WITH TYPE 2 DIABETES MELLITUS. A SINGLE-BLIND, RANDOMISED, SHAM CONTROLLED TRIAL.
SHEPHERD, A. ET AL [UNITED KINGDOM]

OP-PN20

353

Thermoregulation II

Chair(s):
TRANGMAR, S. [UNITED KINGDOM]
PÉRIARD, J. [AUSTRALIA]

11:00 **OP-PN20-1**
THE INFLUENCE OF CUP SIZE ON VOLUNTARY DRINKING IN RECREATIONAL RUNNERS.
DESBROW, B. ET AL [AUSTRALIA]

11:15 **OP-PN20-2**
EXERTIONAL HEAT STRESS INCREASES BIOMARKERS OF ACUTE KIDNEY INJURY AND IMMUNE FUNCTION
GIFFORD, R.E. ET AL [UNITED KINGDOM]

11:30 **OP-PN20-3**
NEGATIVE EFFECT OF SLEEP RESTRICTION ON HEAT TOLERANCE TO EVEN MILD HYPERTHERMIA INDUCED BY PASSIVE EXPOSURE
TARDO-DINO, P.E. ET AL [FRANCE]

11:45 **OP-PN20-4**
THE EFFECTS OF HEAT-INDUCED HYPOHYDRATION AND REHYDRATION ON BLOOD-BRAIN-BARRIER PERMEABILITY, CORTICOSPINAL AND PERIPHERAL EXCITABILITY.
UDDIN, N. ET AL [UNITED KINGDOM]

OP-MH26

315

Sports medicine

Chair(s):
VERDIJK, L. [NETHERLANDS]
ANDERSEN, J. [DENMARK]

11:00 **OP-MH26-1**
ELITE ATHLETES WITH EARLY TENDINOPATHY - CLINICAL AND IMAGING FINDINGS

MEULENGRACHT, C. ET AL [DENMARK]

11:15 OP-MH26-2

ONE YEAR FOLLOW-UP IN ELITE ATHLETES WITH EARLY TENDINOPATHY - CLINICAL AND ULTRASONOGRAPHY FINDINGS

SEIDLER, M. ET AL [DENMARK]

11:30 OP-MH26-3

EFFECTS OF PROTEIN SUPPLEMENTATION COMBINED WITH EARLY REHABILITATION ON MUSCLE VOLUME AND FUNCTION AFTER ACUTE MUSCLE STRAIN INJURIES

MERTZ, K.H. ET AL [DENMARK]

11:45 OP-MH26-4

IMPACT OF A 3-WEEKS SPECIFIC SPORT REHABILITATION CYCLE ON NEUROMOTOR CONTROL IN PROFESSIONAL SOCCER PLAYERS WITH LOWER LIMB INJURIES BEFORE RETURN-TO-PLAY.

MEMAIN, G. ET AL [FRANCE]

12:00 OP-MH26-5

PLAYING WITH PAIN-THE EPIDEMIOLOGY OF HIP AND GROIN PAIN IN GAELIC GAMES PLAYERS

JORDAN, S. ET AL [IRELAND]

OP-SH15

361

Mental health

Chair(s):

HURST, P. [UNITED KINGDOM]

KAWATA, Y. [JAPAN]

11:00 OP-SH15-1

ASSOCIATIONS OF SEDENTARY BEHAVIOURS WITH DEPRESSIVE SYMPTOM AMONG CHINESE COLLEGE STUDENTS

ZHENG, J.X. ET AL [CHINA]

11:15 OP-SH15-2

ASSOCIATION OF EMOTION REGULATION AND DEPRESSIVE SYMPTOMS AMONG JAPANESE UNIVERSITY ATHLETES

KAWATA, Y. ET AL [JAPAN]

11:30 OP-SH15-3

EFFECTIVENESS OF A SHORT SPRINT TRAINING (SSIT) PROTOCOL IN WOMEN DIAGNOSED WITH MAJOR DEPRESSIVE DISORDER

BOULLOSA, D. ET AL [SPAIN]

11:45 OP-SH15-4

ASSOCIATION AND CHANGES IN THE PHYSICAL AND MENTAL HEALTH OF ADOLESCENTS AT THE BEGINNING OF THE 21ST CENTURY

BIRGISSON, O. ET AL [ICELAND]

12:00 OP-SH15-5

EXAMINING MENTAL HEALTH OUTCOMES OF STUDENT-ATHLETE MINORITY SUB-POPULATIONS. SULLIVAN, P. [CANADA]

OP-MH31

362+363

Cardiovascular diseases and aerobic exercise

Chair(s):

CORREIA, M. [BRAZIL]

COTE, A. [CANADA]

11:00 OP-MH31-1

IMPACT OF SINGLE AND 7-DAY HANDGRIP AND SQUAT EXERCISE IN PREVENTING ENDOTHELIAL ISCHAEMIA-REPERFUSION INJURY IN PARTICIPANTS WITH INCREASED CARDIOVASCULAR RISK

SOMANI, Y.B. ET AL [UNITED KINGDOM]

11:15 OP-MH31-2

SEVEN DAYS OF SMALL OR LARGE MUSCLE MASS EXERCISE TRAINING IS NOT SUFFICIENT TO IMPROVE VASCULAR FUNCTION IN INDIVIDUALS WITH CARDIOVASCULAR RISK FACTORS

BODIN, M. ET AL [UNITED KINGDOM]

11:30 OP-MH31-3

CARDIOVASCULAR PREHABILITATION IN PATIENTS AWAITING HEART TRANSPLANTATION - ADDRESSING CLINICAL NEEDS (PREHAB HTX)

REED, J.L. ET AL [CANADA]

11:45 OP-MH31-4

ENHANCING FUNCTIONAL CAPACITY AND QUALITY OF LIFE WITH ECCENTRIC CYCLING IN HEART FAILURE PATIENTS: A RANDOMIZED CONTROLLED TRIAL

STAUBORG, L. ET AL [AUSTRALIA]

12:00 OP-MH31-5

SEX-RELATED PROTEOMIC DIFFERENCES OF THE ATHLETE'S HEART

BARTA, B.A. ET AL [HUNGARY]

OP-PN31

Bar Arlequin

Brain

Chair(s):

FERNANDEZ-SANJURJO, M. [SPAIN]

HASHIMOTO, T. [JAPAN]

11:00 OP-PN31-1

EFFECTS OF LACTATE PRODUCED DURING EXERCISE ON BDNF ACTIVATION THROUGH MCT2 AND GPR81 IN THE HIPPOCAMPUS

KIM, K. ET AL [KOREA, SOUTH]

11:15 OP-PN31-2

LACK OF BRAIN GLYCOGEN CAUSES COMPENSATORY LIPID METABOLISM IN MOUSE DURING EXERCISE.

OZEKI, K. ET AL [JAPAN]

11:30 OP-PN31-3

AEROBIC EXERCISE DELAYS ALZHEIMERS DISEASE BY REGULATING MITOCHONDRIAL PROTEOSTASIS IN THE CEREBRAL CORTEX AND HIPPOCAMPUS

FANG, G. [CHINA]

11:45 OP-PN31-4

PERIPHERAL BLOOD TNF-ALPHA LEVELS IN CHILDREN WITH ATTENTION DEFICIT/HYPERACTIVITY DISORDER: EVIDENCE FROM A META-ANALYSIS

ZHAO, F. ET AL [CHINA]

12:00 OP-PN31-5

MICROARRAY SCREENING IDENTIFIES DYSREGULATED MICRORNAS LINKED TO PHYSICAL FITNESS IN ANOREXIA NERVOSA.

FERNANDEZ-DEL-VALLE, M. ET AL [SPAIN]

OP-SH14

313+314

Psychology and coaching in football

Chair(s):

ELBE, A. [GERMANY]

LI, Y. [CHINA]

11:00 OP-SH14-1

INFLUENCE OF AN EVALUATIVE AUDIENCE ON CONSCIOUS MOTOR PROCESSING AND PERFORMANCE DURING A STOP-SIGNAL SOCCER PENALTY SHOOTING TASK

SULLIVAN, R. ET AL [NEW ZEALAND]

11:15 OP-SH14-2

COMPARISON OF EXTERNAL LOAD AND LOAD DISTRIBUTION BETWEEN A RESERVE TEAM IN A ONE-GAME WEEK MICROCYCLE AND ITS FIRST TEAM IN A TWO-GAME WEEK MICROCYCLE WITHIN AN ELITE PROFESSIONAL SOCCER CLUB

CARPERS, T. ET AL [UNITED KINGDOM]

11:30 OP-SH14-3

THE PHYSICAL DEMANDS DURING TRANSITIONS IN ELITE SOCCER: ANALYSIS OF POSITIONAL DIFFERENCES, THE NOVEL CONCEPT OF CLUSTERS, AND IMPLICATIONS FOR TRAINING DESIGN.

BORTNIK, L. ET AL [UNITED KINGDOM]

11:45 OP-SH14-4

YOGA DOES NOT ATTENUATE SPEED, AGILITY AND CHANGE OF DIRECTION DEFICIT IN PROFESSIONAL SOCCER PLAYERS

PEREIRA, A.A. ET AL [PORTUGAL]

12:00 OP-SH14-5

TRAINING LOAD AND MATURATION MONITORING IN YOUTH SOCCER: DOES UNDERSTANDING THE DATA IMPACT COACHING PRACTICE?

THOMPSON, N.G. ET AL [UNITED KINGDOM]

Wednesday, 5 July

17:00 - 18:00

CP-BM01

Corridor Hall Bordeaux (PS 1)

Motor learning and motor control I

Chair(s):

HATZITAKI, V. [GREECE]

SŁOMKA, K. [POLAND]

CP-BM01-1 [YIA]

BIMANUAL FORCE CONTROL FEEDBACK USING LISSAJOUS PLOTS: HELPFUL OR IN THE WAY?

WEINRICH, M. ET AL. [UNITED STATES]

CP-BM01-2 [YIA]

EXPLORING THE DIFFERENTIAL EFFECT OF MOVEMENT DISTANCE AND TARGET WIDTH ON AVERAGE MOVEMENT VELOCITY

CHEN, C.H. ET AL. [TAIWAN]

CP-BM01-3 [YIA]

BALL OR NO BALL? DISTINGUISHING MOVEMENT COORDINATION OF ACTUAL VS SHADOW TABLE TENNIS STROKES

LIN, L.Y. ET AL. [TAIWAN]

CP-BM01-4 [YIA]

SPATIAL DISTRIBUTION AND ACTIVITY OF THE ERECTOR SPINAE MUSCLES IN CYCLISTS WITH RECENT HISTORY OF LOW BACK PAIN

SAMPIERI, A. ET AL. [ITALY]

CP-BM01-5

DESPITE LEFT-HEMISPHERE SPECIALIZATION IN MORE COMPLEX FINGER-TAPPING TASKS, HANDEDNESS DOES NOT AFFECT MOTOR SKILL ACQUISITION AND ITS INTERLIMB TRANSFER

NÉGYESI, J. [JAPAN]

CP-BM01-6

THE CONTEXTUAL INTERFERENCE EFFECT ON RETENTION AND TRANSFER IN MOTOR LEARNING

- A LABORATORY ARTIFACT?

CZYŻ, S.H. ET AL. [SOUTH AFRICA]

CP-BM01-7

THE EFFECTS OF ACUTE EXERCISE ON CORTICAL HEMODYNAMICS DURING EARLY STAGES OF MOTOR MEMORY CONSOLIDATION: AN FNIRS STUDY

WANNER, P. ET AL. [GERMANY]

CP-BM01-8

CAN HAND GRIP FORCE BE A PREDICTOR OF MOTOR COMPETENCE?

GISLADOTTIR, T. ET AL. [ICELAND]

CP-BM01-9

FREQUENCY-DEPENDENT LEARNING EFFECTS OF THE BIMANUAL FIVE-DAY TRAINING

AZUMA-TAKESHITA, K. ET AL. [JAPAN]

CP-BM01-10

THE EFFECT OF AN ACUTE BOUT OF PHYSICAL AND COGNITIVE EXERCISE ON EXPLICIT SEQUENTIAL MOTOR LEARNING

DIGONET, G. ET AL. [FRANCE]

CP-MH09

Corridor Hall Bordeaux (PS 2)

Ageing I

Chair(s):

ROLDAN, A. [SPAIN]

BALTZOPOULOS, B. [UNITED KINGDOM]

CP-MH09-1

TWELVE-WEEK LASTING OTAGO EXERCISE PROGRAM PROMOTED THE ELDERLY'S MOBILITY AND NEURAL FUNCTION WITH CORRELATION IN SPECIFIC BRAIN AREAS: A RANDOMIZED CONTROLLED TRIAL

ZHENG, M. [CHINA]

CP-MH09-2

THE EFFECTS OF EXERCISE SNACKING AND TAI-CHI ON MUSCLE ACTIVATION AND PHYSICAL

ACTIVITY IN OLDER ADULTS

LIANG, I.J. ET AL. [UNITED KINGDOM]

CP-MH09-3

FEMALE WORLD CHAMPION POWERLIFTING AT 71: THE BENEFITS OF EXERCISE AT AN OLDER AGE

FUCHS, C.J. ET AL. [NETHERLANDS]

CP-MH09-4

DOES MINIMUM AMOUNT OF MODERATE-VIGOROUS PHYSICAL ACTIVITY MATTER FOR MUSCLE STRENGTH AND STATIC BALANCE IN OLDER ADULTS? A 12-MONTH PROSPECTIVE COHORT STUDY

HSUEH, M.C. [TAIWAN]

CP-MH09-5

EFFICACY OF A MULTICOMPONENT EXERCISE PROGRAM TO PROMOTE MOTOR AND COGNITIVE RESOURCES FOR NURSING HOME RESIDENTS AS A FUNCTION OF THE RESIDENTS MOBILITY STATUS

CORDES, T. ET AL. [GERMANY]

CP-MH09-6

HEART RATE AND OXYGEN UPTAKE RESPONSES IN PRE-FRAIL SENIORS USING A PASSIVE-ASSISTIVE HIP EXOSKELETON

PIRSCOVEANU, C. ET AL. [DENMARK]

CP-MH09-7

TRAINING IMPULSE (TRIMP) EVALUATION IN OLDER AMATEUR CYCLISTS: EFFECTS OF HEALTH STATUS

NEWTON, E. ET AL. [UNITED KINGDOM]

CP-MH09-8

RELATIONSHIP BETWEEN EXERCISE TYPE, FREQUENCY AND COGNITIVE FUNCTION IN COMMUNITY DWELLING ELDERLY

YOON, J. ET AL. [JAPAN]

CP-MH09-9

EARLY LIFE SPORTS PARTICIPATION AND LATER LIFE HEALTH-RELATED OUTCOMES IN JAPANESE ADULTS OVER 60 YEARS OLD

TOTTORI, N. ET AL. [JAPAN]

CP-MH09-10

MUSCLE DAMAGE MAY BE DETRIMENTAL FOR EXERCISE-INDUCED COGNITIVE IMPROVEMENT IN OLDER MEN: PILOT RESULTS FROM THE BRAIN-M TRIAL

MASIULIS, N. ET AL. [LITHUANIA]

CP-SH04

Corridor Hall Bordeaux (PS 3)

Mentoring coaching

Chair(s):

LI, Y. [CHINA]

BAHDUR, K. [LUXEMBOURG]

CP-SH04-1

EFFECTS OF A REPEATED HIGH-INTENSITY EFFORTS TRAINING COMPARED TO REPEATED SPRINT TRAINING ON REPEATED HIGH INTENSITY EFFORT ABILITY AND IN GAME PERFORMANCE IN PROFESSIONAL RUGBY UNION PLAYERS.

PAUL, G. [FRANCE]

CP-SH04-2

PHYSICAL PERFORMANCE OF AMERICAN FOOTBALL PLAYERS: THE ROLE OF CHRONOTYPE

MULÉ, A. ET AL. [ITALY]

CP-SH04-3

DIFFERENCES IN PHYSICAL FITNESS AND TECHNICAL-TACTICAL PERFORMANCE IN ELITE, SUB-ELITE, AND NON-ELITE YOUTH MALE SOCCER PLAYERS

KOUDELLIS, M. ET AL. [CYPRUS]

CP-SH04-4

EXPLORING POSSESSION-BASED PERFORMANCE INDICATORS IN DIFFERENT LEVELS OF BASKETBALL

LAN, Y.C. ET AL. [TAIWAN]

CP-SH04-5

CALLING AT WORK: ILLUMINATING ONESELF AND ACHIEVING OTHERS

LIN, S. [TAIWAN]

CP-SH04-6

DUAL CAREER - TUG OF WAR BETWEEN ELITE SPORTS AND VOCATIONAL SCHOOLING

RATZLAFF, L. ET AL. [GERMANY]

CP-SH04-7

A QUALITATIVE ANALYSIS OF THE PROCESS OF COACHING EXPERTISE OF EXPERT COACHES FROM AN UNLEARNING PERSPECTIVE

KITAMURA, K. [JAPAN]

CP-SH04-8

INVESTIGATING CORTICAL HAEMODYNAMIC AND PHYSIOLOGICAL CORRELATES OF EXERCISE COGNITION IN TRAINED AND UNTRAINED CYCLISTS OVER AN INCREMENTAL SELF-PACED PERFORMANCE TEST, WHILE THINKING ALOUD

ROBINSON, N.J. ET AL. [UNITED KINGDOM]

CP-SH04-9

EFFECTS OF LIFE-SKILLS DEVELOPMENT PROGRAM INTERVENTION ON YOUNG ELITE FEMALE FOOTBALLERS

HORINO, H. [JAPAN]

CP-MH10

Corridor Hall Bordeaux (PS 4)

Lifestyle I

Chair(s):

WILCZYNSKA, D. [POLAND]

GARLAND, S. [SWEDEN]

CP-MH10-1

WHY IS HIMT SUCH A HIT? AN ONLINE SURVEY EXPLORING SUBJECTIVE RESPONSES IN HIGH-INTENSITY MULTIMODAL TRAINING.

SHARP, T. ET AL. [AUSTRALIA]

CP-MH10-2

EFFECT OF LOW-INTENSITY EXERCISES ON CIRCULATING ENDOCANNABINOID LEVELS AND ITS IMPACT ON PSYCHOLOGICAL STRESS REDUCTION: A RANDOMIZED AND COUNTERBALANCED CROSSOVER STUDY

YABE, T. ET AL. [JAPAN]

CP-MH10-3

DEVELOPMENT OF BEDTIME STRETCHING PROGRAM ENHANCING MOOD AND COGNITIVE FUNCTION

SUWABE, K. ET AL. [JAPAN]

CP-MH10-4

AGE-VARYING EFFECT BETWEEN DOMAIN-SPECIFIC PHYSICAL ACTIVITY AND STRESS PERCEIVED: THE KOREA NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY (KNHANES)

LEE, S.M. ET AL. [KOREA, SOUTH]

CP-MH10-5

THE EFFECT OF PROLONGED AEROBIC EXERCISE AT MODERATE INTENSITY ON CARDIAC DIASTOLIC FUNCTION

HATA, N. ET AL. [JAPAN]

CP-MH10-6

SPORT-SPECIFIC-ORIENTED ADAPTATION IS REVEALED BY MICROBIOME CHARACTERISTICS. HUMINSKA-LISOWSKA, K. ET AL. [POLAND]

CP-MH10-7

PHYSICAL ACTIVITY LEVELS AND SLEEP QUALITY IN AFRICAN AND ASIAN STUDENTS DIFFER FROM EUROPEANS AND AMERICANS. A GLOBAL SURVEY ON 3366 STUDENTS FROM 49 COUNTRIES

MOUSSA-CHAMARI, I. [QATAR]

CP-MH10-8

EFFECT OF DIFFERENCE IN TIMING OF EXERCISE ON HUMAN CIRCADIAN CLOCK GENE EXPRESSION

TSUDA, E. ET AL. [JAPAN]

CP-MH10-9

POTENTIAL FOR LONG-TERM HEALTH DAMAGE IN MULTI-MARATHONERS – AN OBSERVATIONAL STUDY

LUNDY, I. ET AL. [IRELAND]

CP-MH10-10

CAN SELF-SELECTED MOTIVATIONAL MUSIC AFFECT HEART RATE DURING AND POST AEROBIC

WORKOUT?

GRIGNANI, L. ET AL. [ITALY]

CP-SH01

Hall Bordeaux (PS 5)

Physical Education I

Chair(s):

RODRIGUES-FERREIRA, M. [PORTUGAL]

SVENSSON, D. [SWEDEN]

CP-SH01-1

[YIA]

PHYSICAL ACTIVITY ON PRESCRIPTION 'NOT A QUICK FIX': SCHOOL NURSES' EXPERIENCES OF PROMOTING AND TAILORING PHYSICAL ACTIVITY TO CHILDREN IN SWEDISH COMPULSORY SCHOOL

WIKLUND, E. [SWEDEN]

CP-SH01-2

[YIA]

CONCEPTS AND DEFINITIONS OF RACISM IN PHYSICAL EDUCATION: A SCOPING REVIEW

GALLE, A.C. ET AL. [GERMANY]

CP-SH01-3

HEALTH PROMOTION FOR APPRENTICES IN THE CRAFTS SECTOR - A THEORY-BASED BLENDED LEARNING HEALTH PROMOTION INTERVENTION IN VOCATIONAL SCHOOLS

FÜLLGRAEBE, F. ET AL. [GERMANY]

CP-SH01-4

THE INFLUENCE OF THE INITIAL MOTIVE SITUATION ON MOTOR LEARNING PERFORMANCE IN RELATION TO POSITIVE AND NEGATIVE REINFORCEMENT

SCHRÖDER, S. [GERMANY]

CP-SH01-5

RELATIONSHIP AND DIFFERENCE BETWEEN INTRINSIC MOTIVATION CLIMATE OF PE LESSONS AND PHYSICAL ACTIVITY (PA) OF HIGH SCHOOL STUDENTS

GHAZVINI, N. ET AL. [HUNGARY]

CP-SH01-6

PROMINENCE OF BASIC SWIMMING SKILLS IN GERMAN CHILDREN'S BOOKS

VOGEL, M. ET AL. [GERMANY]

CP-SH01-7

PROMOTING STUDENTS' HEALTH THROUGH PHYSICAL EDUCATION WITH DIGITAL METHODS: A SYSTEMATIC REVIEW

KNOKE, C. ET AL. [GERMANY]

CP-SH01-8

EMPIRICAL FINDINGS ON STUDENTS EMOTIONAL EXPERIENCES OF MASTERING JUMPING TASKS IN PHYSICAL EDUCATION

AHNS, M. ET AL. [AUSTRIA]

CP-SH01-9

A STUDY ON THE CORRELATION BETWEEN LEARNING EFFECTIVENESS AND SPORTS ENJOYMENT AMONG ELEMENTARY SCHOOL CHILDREN IN THE NORTH OF TAIWAN

CHIAMIN, W. ET AL. [TAIWAN]

CP-SH01-10

CHILDREN'S NEED FOR PHYSICAL ACTIVITY IN PHYSICAL EDUCATION - A CROSS-SECTIONAL SURVEY OF PRIMARY SCHOOL TEACHERS.

MACKENBROCK, J. ET AL. [GERMANY]

CP-SH05

Hall Bordeaux (PS 6)

Sociology and management I

Chair(s):

GONZÁLEZ GARCÍA, H. [SPAIN]

ZHOU, L. [CHINA]

CP-SH05-1

INTER-ORGANISATIONAL RELATIONSHIPS BETWEEN GOVERNMENTAL STAKEHOLDERS IN SOUTH AFRICAN ELITE SPORT: RESOURCE DEPENDENCY AND INTER- ORGANISATIONAL THEORETICAL PERSPECTIVES

JACOBS, S. ET AL. [SOUTH AFRICA]

CP-SH05-2

AN ANALYSIS OF VALUE SYSTEM OF TAEKWONDO FREESTYLE POOMSAE'S TRAINEES: BASED ON MEANS-END CHAIN THEORY AND APT LADDERING TECHNIQUE

CHOI, Y.L. ET AL. [KOREA, SOUTH]

CP-SH05-3

AN INTRODUCTION TO THE INTERNATIONAL CONFEDERATION OF SPORT AND EXERCISE SCIENCE PRACTICE AND THE NEED FOR GLOBAL ADVOCACY

DAVISON, K. [AUSTRALIA]

CP-SH05-4

A QUALITATIVE RESEARCH ON THE PARTICIPATION BEHAVIOR OF CHINESE DISABLED RUNNERS IN MARATHON

HUANG, D. ET AL. [CHINA]

CP-SH05-5

INNOVATION IN SPORTS MEDICINE AND SCIENCE - A GLOBAL SOCIAL NETWORK ANALYSIS OF STAKEHOLDER COLLABORATION IN RUGBY UNION

ERSKINE, N. ET AL. [SOUTH AFRICA]

CP-SH05-6

THE IMPORTANCE OF SOCIAL CAPITAL INDICATORS FOR MEMBER RETENTION IN SPORTS CLUBS IN TIMES OF PANDEMIC

BURRMANN, U. ET AL. [GERMANY]

CP-SH05-7

DEVELOPMENT, VALIDATION AND UTILISATION OF THE TALENT DEVELOPMENT ENVIRONMENT QUESTIONNAIRE FOR PARENTS (TDEQ-P) TO HELP DRIVE EFFECTIVE TALENT DEVELOPMENT PROCESSES IN SPORT

MARTINDALE, R. ET AL. [UNITED KINGDOM]

CP-SH05-8

A STUDY ON THE RELATIONSHIP BETWEEN SPECTATORS BEHAVIORAL INTENTION AND SATISFACTION, EVENT QUALITY AND EVENT IDENTITY OF MEGA-EVENTS – THE 2019 WTA ELITE TROPHY ZHUHAI

LI, S. ET AL. [CHINA]

CP-SH05-9

INVESTIGATING THE ANTI-DOPING KNOWLEDGE AND EDUCATIONAL NEEDS OF REGISTERED PHARMACISTS

LEE, Y.C. ET AL. [TAIWAN]

CP-BM02

Hall Bordeaux (PS 7)

Biomechanics and Neuromuscular Physiology

Chair(s):

TAKAHASHI, K. [JAPAN]

RICE, H. [NORWAY]

CP-BM02-1

[YIA]

COMBINED EFFECTS OF ELECTRICAL MUSCLE STIMULATION AND CYCLING EXERCISE ON COGNITIVE PERFORMANCE

KANO, K. ET AL. [JAPAN]

CP-BM02-2

[YIA]

PREFERRED DIRECTION OF ELECTROMYOGRAPHIC ACTIVITY OF THE HIP ADDUCTORS DEVIATES FROM THE ANATOMICAL LINE OF ACTION

TOZAWA, H. ET AL. [JAPAN]

CP-BM02-3

[YIA]

DYNAMICS OF NEUROMUSCULAR ADJUSTMENTS TO THE PROGRESSIVE REDUCTION OF EXTERNAL FORCES

FAZZARI, C. ET AL. [FRANCE]

CP-BM02-4

[YIA]

THE EFFECT OF EXERCISE-INDUCED MUSCLE DAMAGE ON RUNNING BIOMECHANICS AMONG HIGHLY-TRAINED RUNNERS

MARKUS, I. ET AL. [ISRAEL]

CP-BM02-5

RELATIONSHIP BETWEEN THE INITIAL DORSIFLEXION ROM AND THE GASTROCNEMIUS ACTIVATION DURING HEEL DROP STATIC STRETCHING.

OLIVEIRA, L. ET AL. [BRAZIL]

Conventional Print Poster Presentations

CP-BM02-6

SHORT INTER-ELECTRODE DISTANCES UNDERMINE THE SENSITIVITY OF SURFACE ELECTROMYOGRAMS

VIEIRA, T. ET AL. [ITALY]

CP-BM02-7

THE EFFECT OF FATIGUE ON THE MUSCLE ACTIVITY OF ATHLETES WITH AND WITHOUT CHRONIC ANKLE INSTABILITY DURING THE SIDE HOP TEST

NAKAJIMA, C. ET AL. [JAPAN]

CP-BM02-8

DOES ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTED INDIVIDUALS HOLD THE SAME ABILITY OF TIME TO STABILIZATION AS HEALTHY INDIVIDUALS DURING SINGLE-LEG LANDING TASKS AFTER RETURNING TO PLAY? - A PILOT STUDY

CHEN, Y.J. ET AL. [TAIWAN]

CP-BM02-9

THE ESTIMATION OF LEAP PERFORMANCE WITH MAINTAINING OPEN LEGS IN GRAND JÉTÉ FOR PROFESSIONAL BALLET DANCERS

KUROMARU, A. ET AL. [JAPAN]

CP-BM02-10

RELATIONSHIPS BETWEEN SPRINT PERFORMANCE AT DIFFERENT PHASES AND SIZE AND DYNAMIC STRENGTH OF THE HIP EXTENSORS

KOBAYASHI, Y. ET AL. [JAPAN]

CP-MH11

Hall Bordeaux (PS 8)

Metabolic fitness

Chair(s):

SANTOS-CONCEJERO, J. [SPAIN]

MINHALMA, R. [PORTUGAL]

CP-MH11-1

THE EFFECT OF 10-DAYS OF HOT WATER IMMERSION ON CENTRAL HAEMODYNAMICS, BLOOD PRESSURE AND VASCULAR FUNCTION IN

INDIVIDUALS WITH TYPE 2 DIABETES MELLITUS

PICCOLO, D. ET AL. [UNITED KINGDOM]

CP-MH11-2

THE INDEPENDENT AND COMBINED ASSOCIATIONS OF CARDIORESPIRATORY FITNESS AND BODY MASS INDEX WITH METABOLIC SYNDROME IN MIDDLE-AGED JAPANESE ADULTS: KZS STUDY

ZHAI, X. ET AL. [JAPAN]

CP-MH11-3

EXERCISE METABOLISM IN INCREASED PROLACTINEMIA: A CASE STUDY

EMHOFF, C. ET AL. [UNITED STATES]

CP-MH11-4

DEVELOPMENT OF THE KOREAN FIREFIGHTER PERFORMANCE BATTERY: JOB-RELATED PHYSICAL FITNESS ASSESSMENT

SEO, D.I. ET AL. [KOREA, SOUTH]

CP-MH11-5

CHARACTERISTICS OF VISCERAL FAT AREA AND BLOOD PROPERTIES OF JAPANESE OVERWEIGHT MALE UNIVERSITY ATHLETES

TOMOMI, T. [JAPAN]

CP-MH11-6

ACTOGENIN IN A NEW PERSPECTIVE – THE EFFECTS ON AEROBIC PERFORMANCE

HASSØ, R. ET AL. [DENMARK]

CP-MH11-7

CAN PHYSICAL ACTIVITY, SEDENTARY BEHAVIOUR, AND FITNESS MODIFY THE ASSOCIATION BETWEEN SOCIOECONOMIC STATUS AND CORONARY ARTERY CALCIFICATION? A POPULATION-BASED CROSS-SECTIONAL STUDY

HEILAND, E.G. ET AL. [SWEDEN]

CP-MH11-8

PHYSIOLOGICAL AND METABOLIC ADAPTATIONS TO AN INTENSIVE, MULTI-DAY MOUNTAINEERING EXPERIENCE FOR ACTIVE POSTMENOPAUSAL WOMEN: THE SARDINIA SELVAGGIO BLU WILD TREK

MELONI, M. [ITALY]

CP-MH11-9

A NETWORK META-ANALYSIS OF STRATEGIES FOR IMPROVING HORMONAL IMBALANCE IN REPRODUCTIVE-AGED WOMEN WITH OVERWEIGHT OR OBESITY.

RUIZ-GONZÁLEZ, D. ET AL. [SPAIN]

CP-MH11-10

THE EFFECT OF HEALTH PROVIDER'S FEEDBACK ON PHYSICAL ACTIVITY SURVEILLANCE USING WEARABLE DEVICE-SMARTPHONE APPLICATION FOR RESOLUTION OF METABOLIC SYNDROME; A 12-WEEK RANDOMIZED CONTROL STUDY

JANG, M. ET AL. [KOREA, SOUTH]

CP-PN04

Hall Bordeaux (PS 9)

Nutrition II

Chair(s):

MORALES-ÁLAMO, D. [SPAIN]

PUMPA, K. [IRELAND]

CP-PN04-1

LOW CARBOHYDRATE AVAILABILITY IN ENERGY BALANCE FOR FOUR DAYS HAS NO EFFECT ON MARKERS OF BONE FORMATION BUT INCREASES MARKERS OF BONE RESORPTION IN HEALTHY EXERCISING MALES

ARETA, J.L. ET AL. [UNITED KINGDOM]

CP-PN04-2

SELF-REPORTED SYMPTOMS OF LOW ENERGY AVAILABILITY AMONG FEMALE ELITE ATHLETES AND CONTROLS

AHLGREN, M. ET AL. [SWEDEN]

CP-PN04-3

THE EFFECT OF A DIGITAL INTERVENTION ON EATING AND WEIGHT CONCERNS AMONG FEMALE ENDURANCE ATHLETES WITH HIGH VERSUS LOW RISK OF EATING DISORDERS

SOLSTAD, B.E. ET AL. [NORWAY]

CP-PN04-4

THE EFFECT OF CREATINE MONOHYDRATE ON DUAL-ENERGY X-RAY ABSORPTIOMETRY MEASUREMENTS OF LEAN BODY MASS

DESAI, I. ET AL. [AUSTRALIA]

CP-PN04-5

THE BONE-DERIVED COMPONENTS FROM ADULT CHICKENS PROVIDE A PROTECTIVE ACTION AGAINST IMPAIRED BONE METABOLISM IN VDRKO MICE.

NISHIURA, T. ET AL. [JAPAN]

CP-PN04-6

THE EFFECTS OF ENERGY, NUTRITIONAL INTAKE AND AGE AT MENARCHE ON BONE MINERAL DENSITY IN RHYTHMIC GYMNASTS

JUNNA, M. ET AL. [JAPAN]

CP-PN04-7

EFFECTS OF INTERMITTENT FASTING AND EXERCISE ON UCPI SIGNALING PATHWAY IN HIGH FAT DIET-INDUCED OBESE MICE

CHAE EUN, C. ET AL. [KOREA, SOUTH]

CP-PN04-8

INTERACTIVE EFFECTS OF FEEDING STATUS AND EXERCISE INTENSITY ON POSTPRANDIAL GLYCAEMIC CONTROL AND EATING BEHAVIOUR IN INDIVIDUALS WITH CENTRAL OVERWEIGHT/OBESITY

CHEN, Y.C. ET AL. [TAIWAN]

CP-PN04-9

THE EFFECTS OF DIET AND SELENIUM-ZINC CO-SUPPLEMENTATION ON BODY COMPOSITION AND EXERCISE PERFORMANCE IN OVERWEIGHT/OBESE INDIVIDUALS

GIANNAKI, C. ET AL. [CYPRUS]

CP-MH12

Hall Bordeaux (PS 10)

Physiotherapy I

Chair(s):

BUCKLEY, J. [AUSTRALIA]

CLUSEN, R. [SWITZERLAND]

CP-MH12-1

CHANGES IN MUSCLE STIFFNESS AND THORACIC POSTURE AND ITS ASSOCIATION AFTER COMPUTER TYPING.

OKUDA, Y. ET AL. [JAPAN]

CP-MH12-2

HIP ABDUCTION IS EFFECTIVE FOR STRETCHING THE INDIVIDUAL HAMSTRING MUSCLES

SUZUKI, R. ET AL. [JAPAN]

CP-MH12-3

EFFECTS OF 4-WEEK FOAM ROLLING INTERVENTION ON RANGE OF MOTION, MUSCLE STRENGTH AND KNEE PAIN IN PATIENTS WITH KNEE OSTEOARTHRITIS

YANASE, K. ET AL. [JAPAN]

CP-MH12-4

EIGHT WEEKS OF LOW-VOLUME COPENHAGEN ADDUCTOR EXERCISE CAN IMPROVE ADDUCTOR STRENGTH AMONG YOUNG ATHLETES: A CLUSTER RANDOMIZED THREE-ARM CONTROLLED TRIAL

QUINTANA, M. [SPAIN]

CP-MH12-5

AEROBIC+STRENGTH VS. STRENGTH+AEROBIC: WHICH ONE IS THE MORE EFFECTIVENESS TRAINING PROTOCOL ON COGNITIVE FUNCTION IN HEALTHY-SEDENTARY INDIVIDUALS?

CANLI, U. [TURKEY]

CP-MH12-6

505 CHANGE OF DIRECTION ASYMMETRY MAGNITUDE DECREASES ACCORDING TO CHRONOLOGICAL AGE IN MALE AND FEMALE ELITE YOUTH TENNIS PLAYERS: RESULTS FROM AN

11-YEAR LONGITUDINAL STUDY.

DHONDT, J. ET AL. [BELGIUM]

CP-MH12-7

SPATIAL GENE EXPRESSION IN RAT TENDINOPATHY FOLLOWING ISOMETRIC LOADING

STEFFEN, D. ET AL. [UNITED STATES]

CP-MH12-8

IMMUNE MONITORING ALONGSIDE FACTORS ASSOCIATED WITH UPPER RESPIRATORY ILLNESS IN ELITE SWIMMERS, OVER AN 8-MONTH TRAINING PERIOD LEADING INTO COMPETITION

BAKER, L.H. ET AL. [UNITED KINGDOM]

CP-MH12-9

KINEMATIC ALTERATIONS DURING SINGLE-LEG DROP JUMP DUE TO A SUBJECT-ADAPTED FATIGUING PROTOCOL SUGGESTS INCREASED ACL STRAIN

CAFFI, G. ET AL. [ITALY]

CP-MH12-10

REST-ACTIVITY CIRCADIAN RHYTHM AND DAYTIME ACTIVITY DURING A WEEK OF SPA STAY

GALASSO, L. ET AL. [ITALY]

CP-PN01**Hall Bordeaux (PS 11)****Nutrition I**

Chair(s):

MICHAELIDES, M. [CYPRUS]

PARPA, K. [CYPRUS]

CP-PN01-1 [YIA]

THE POST-PRANDIAL PLASMA AMINO ACID RESPONSE DOES NOT DIFFER FOLLOWING THE INGESTION OF A SOLID VERSUS A LIQUID MILK PROTEIN PRODUCT IN HEALTHY ADULT FEMALES

VAN LIESHOUT, G. ET AL. [NETHERLANDS]

CP-PN01-2 [YIA]

POSTPRANDIAL PLASMA AMINO ACID, APPETITE, AND ENERGY INTAKE RESPONSES TO PLANT-BLEND PROTEIN INGESTION IN HEALTHY YOUNG

ADULTS

ROGERS, L.M. ET AL. [UNITED KINGDOM]

CP-PN01-3

[YIA]

HIGHER MUSCLE PROTEIN SYNTHESIS RATES FOLLOWING INGESTION OF A BEEF-CONTAINING OMNIVOROUS MEAL COMPARED WITH AN ISONITROGENOUS VEGAN MEAL

PINCKAERS, P.J.M. ET AL. [NETHERLANDS]

CP-PN01-4

[YIA]

EFFECTS OF SHORT-TERM LOW ENERGY AVAILABILITY ON AEROBIC AND ANAEROBIC ENDURANCE CAPACITY IN PHYSICALLY ACTIVE ADULTS

EHLING, H. ET AL. [GERMANY]

CP-PN01-5

[YIA]

EVEN AT VERY LOW DOSE, CAFFEINE IMPROVES VERTICAL JUMP PERFORMANCE IN A DOSE-INDEPENDENT MANNER

MATSUMURA, T. ET AL. [JAPAN]

CP-PN01-6

[YIA]

ACUTE CAFFEINE AND SODIUM BICARBONATE CO-INGESTION DOES NOT CAUSE A SUMMATIVE EFFECT ON MUSCULAR ENDURANCE ACCORDING TO MUSCLE SIZE GROUP

MUNILLA, C. ET AL. [SPAIN]

CP-PN01-7

[YIA]

EFFECT OF ACUTE SODIUM BICARBONATE AND CAFFEINE INGESTION ON HIGH-INTENSITY SPRINT PERFORMANCE

GARRIGA-ALONSO, L. ET AL. [SPAIN]

CP-PN01-8

LOW- VS HIGH-CARBOHYDRATE DIET ON CONTINUOUS GLUCOSE MONITORING METRICS AND PERFORMANCE IN COMPETITIVE CYCLISTS: A RANDOMIZED Crossover TRIAL

AMATORI, S. ET AL. [ITALY]

CP-PN01-9

RELATIONSHIP BETWEEN BLOOD GLUCOSE CONCENTRATION AND RUNNING PERFORMANCE DURING HALF-MARATHON RACE IN WELL-TRAINED DISTANCE RUNNERS

TANJI, F. [JAPAN]

CP-PN01-10

DYNAMICS OF GUT MICROBIOTA DURING A CYCLING GRAND TOUR IS RELATED TO EXERCISE PERFORMANCE AND MODULATED BY DIETARY INTAKE

FERNÁNDEZ, M. ET AL. [SPAIN]

CP-PN05**Hall Bordeaux (PS 12)****Physiology V**

Chair(s):

FOLLAND, J. [UNITED KINGDOM]

ZIJDEWIND, I. [NETHERLANDS]

CP-PN05-1

INTRA-CRANIAL BLOOD VELOCITIES AND NEUROVASCULAR COUPLING ARE MODIFIED BY MATURITY AND EXERCISE TRAINING STATUS DURING YOUTH

TALBOT, J. ET AL. [UNITED KINGDOM]

CP-PN05-2

CYCLING CRITICAL POWER IS RELATED TO HEMOGLOBIN MASS BUT IS INDEPENDENT OF SEX AFTER ACCOUNTING FOR BODY SIZE AND COMPOSITION

CASWELL, A. ET AL. [CANADA]

CP-PN05-3

DOES CHRONOTYPE AFFECT VO₂MAX IN HEALTHY ADULTS?

EZZY, Q. ET AL. [BELGIUM]

CP-PN05-4

ACUTE EFFECTS OF LONG-DISTANCE RUNNING ON HEMATOLOGIC MARKERS (ANEMIA PHENOMENON) IN HEALTHY YOUNG MALE

SURONO, S. ET AL. [INDONESIA]

CP-PN05-5

REDUCING METABOLIC INSTABILITY ON TRANSITION TO CONSTANT WORK RATE EXERCISE DECREASES STEADY-STATE OXYGEN UPTAKE.

MARINARI, G. ET AL. [CANADA]

CP-PN05-6

DIFFERENT METHODS FOR DETERMINING THE BOUNDARY DEMARCATING THE MODERATE-FROM THE HEAVY-INTENSITY DOMAIN: REASSEMBLING THE IMPORTANCE OF THE LACTATE THRESHOLD

RUIZ-RIOS, M. ET AL. [SPAIN]

CP-PN05-7

NO POST-EXERCISE HYPOTENSION RESPONSE AFTER RESISTANCE EXERCISE SESSION REGARDLESS OF THE SET CONFIGURATION IN PHYSICALLY ACTIVE YOUNG PARTICIPANTS

RÚA-ALONSO, M. ET AL. [SPAIN]

CP-PN05-8

GUT MICROBIOTA AND PERIPHERAL BLOOD MICRORNAS ARE DIFFERENTIALLY EXPRESSED IN ENDURANCE RUNNERS COMPARED WITH ENDURANCE CYCLISTS

SHALMON, G. ET AL. [ISRAEL]

CP-AP02**Hall Bordeaux (PS 13)****Training and Testing**

Chair(s):

GORDON, D. [UNITED KINGDOM]

ANDERSEN, J. [UNITED STATES]

CP-AP02-1 [YIA]

COMPARISON OF SLEEP HEART RATE VARIABILITY MEASURED WITH THE OURA® RING TO A CONVENTIONAL MORNING MEASUREMENT WITH A HEART RATE MONITOR

MORIN, F. ET AL. [CANADA]

CP-AP02-2 [YIA]

AI-SMARTPHONE MARKERLESS MOTION CAPTURING OF COUNTER-MOVEMENT-JUMP KINEMATICS

BARZYK, P. ET AL. [GERMANY]

CP-AP02-3 [YIA]

INDIVIDUALIZING HIGH-INTENSITY INTERVAL TRAINING INTENSITY IN DISTANCE RUNNERS: ARE

PEAK TREADMILL SPEED AND 10000-M SPEED PERCENTAGES VALID ALTERNATIVES TO THE DELTA CONCEPT?

MAZZOLARI, R. ET AL. [AUSTRIA]

CP-AP02-4 [YIA]

EFFECTS OF HEAVY RESISTANCE VS PLYOMETRIC TRAINING ON RUNNING ECONOMY AND RUNNING TIME TRIAL PERFORMANCE IN MIDDLE-AGED RECREATIONAL RUNNERS: A RANDOMIZED CONTROLLED TRIAL

EIHARA, Y. ET AL. [JAPAN]

CP-AP02-5 [YIA]

EFFECT OF ATTENTIONAL FOCUS STRATEGY ON DROP JUMP PERFORMANCE, KINETICS AND KINEMATICS : COMPARISON BY DJ EXPERIENCE LEVEL

FURUHASHI, Y. ET AL. [JAPAN]

CP-AP02-6 [YIA]

IMPACT OF PRE-SEASON TRAINING ON CORE STABILITY, PERFORMANCE AND INJURY RISK IN FOOTBALL

WEBER, T.A. ET AL. [FRANCE]

CP-AP02-7

MODELLING OF LACTATE-TIME CURVES FOR ESTIMATING PERFORMANCE PARAMETERS IN CYCLING

SCHÄFER, R. ET AL. [GERMANY]

CP-AP02-8

THE RELATIONSHIP BETWEEN BREATHS TAKEN AND SWIMMING PERFORMANCE IN A 50-METER FREESTYLE RACE

MATSUNAMI, M. ET AL. [JAPAN]

CP-AP02-9 [YIA]

EARLY SUCCESS IS NOT A PREREQUISITE FOR SUCCESS AT THE ADULT AGE IN SPANISH SPRINTERS

AGUDO-ORTEGA, A. ET AL. [SPAIN]

Conventional Print Poster Presentations

CP-MH13

Hall Bordeaux (PS 14)

Physical activity/Inactivity

Chair(s):

KELLER, M. [SWITZERLAND]

BERNTSEN, S. [NORWAY]

CP-MH13-1

HIGH-GROOVE MUSIC BOOSTS SELF-SELECTED JOGGING SPEED AND POSITIVE MOOD IN UNIVERSITY STUDENTS

HIROTA, Y. ET AL. [JAPAN]

CP-MH13-2

RELATIONSHIP OF PHYSICAL ACTIVITY LEVEL, SEDENTARY BEHAVIOR AND PHASE ANGLE IN YOUNG ADULTS.

GARCÍA-LAGUNA G. ET AL. [COLOMBIA]

CP-MH13-3

CHANGES IN PHYSICAL ACTIVITY AMONG 17-YEAR-OLD ICELANDIC ADOLESCENTS – OBJECTIVE AND SUBJECTIVE DATA FROM TWO COHORTS

STEFANSDOTTIR, R. ET AL. [ICELAND]

CP-MH13-4

THE EFFECT OF EXERCISE HABITS ON BODY COMPOSITION OF FEMALE UNIVERSITY STUDENTS

OHATA, M. ET AL. [JAPAN]

CP-MH13-5

RATES OF COMPLIANCE AND ADHERENCE TO HIGH-INTENSITY INTERVAL TRAINING: A SYSTEMATIC REVIEW AND META-ANALYSES

SANTOS, A. ET AL. [CANADA]

CP-MH13-6

A 4-YEAR FOLLOW UP STUDY FROM THE 40-WEEKS FOOTBALL AND ZUMBA WORKPLACE INTERVENTION STUDY AMONG FEMALE HOSPITAL EMPLOYEES IN NORWAY.

BARENE, S. ET AL. [NORWAY]

CP-MH13-7

THE COVID-19 PANDEMIC DECREASES CARDIORESPIRATORY FITNESS. A 3-YEAR FOLLOW-UP STUDY IN INDUSTRY

SKARE, Ø. ET AL. [NORWAY]

CP-MH13-8

PHYSICAL CONDITION AND KLOTHO LEVELS IN ADULTS WITH CYSTIC FIBROSIS

YVERT, T. ET AL. [SPAIN]

CP-MH13-9

CHANGES IN INSULIN RESISTANCE AND BODY COMPOSITION FOLLOWING 14 DAYS OF BED REST WITH OR WITHOUT AN EXERCISE COUNTERMEASURE.

HAJJ-BOUTROS, G. [CANADA]

CP-PN06

Hall Bordeaux (PS 15)

Thermoregulation I

Chair(s):

IOANNOU, L. [SLOVENIA]

STEVENS, C. [AUSTRALIA]

CP-PN06-1

COMPARISON OF HEAT PREPARATION STRATEGIES IN ELITE TRACK AND FIELD ATHLETES PRIOR TO THE DOHA 2019 WORLD ATHLETICS CHAMPIONSHIPS AND TOKYO OLYMPICS 2020NE

ESH, C. ET AL. [QATAR]

CP-PN06-2

EFFECT OF ADDING HEAT STRESS BY LAYERED CLOTHING DURING 3 DAYS OF ENDURANCE TRAINING ON THERMOREGULATORY ABILITY IN A HOT ENVIRONMENT

OKAMOTO, S. ET AL. [JAPAN]

CP-PN06-3

MENSTRUAL CYCLE MONITORING IN SPORTS - EVALUATION OF TEMPERATURE PROFILES THROUGHOUT THE CYCLE AND VALIDATION OF TWO DIFFERENT BASAL BODY TEMPERATURE MEASUREMENT METHODS IN FEMALE TRACK

AND FIELD ATHL

PLIZ, M. ET AL. [GERMANY]

CP-PN06-4

ATHLETE HEAT PREPARATION AT THE WORLD ATHLETICS RACE WALKING TEAM CHAMPIONSHIPS MUSCAT 2022: A SURVEY TO DETERMINE ELITE RACE WALKERS' PRACTICE AND KNOWLEDGE – WORTH A PRACTICAL APPLICATION?

GALAN-LOPEZ, N. ET AL. [UNITED KINGDOM]

CP-PN06-5

EFFECTS OF HEAT ACCLIMATION IN THOROUGHbred SKELETAL MUSCLE

EBISUDA, Y. ET AL. [JAPAN]

CP-PN06-6

DEVELOPMENT OF A NON-INVASIVE THERMOMETRY USING AN INFRARED THERMAL-IMAGING CAMERA WITH RATS RUNNING AT VARIOUS SPEEDS: A PILOT STUDY

KANG, Y. ET AL. [JAPAN]

CP-PN06-7

INFLUENCE OF (IN)CONGRUENT VISUAL INFORMATION ON THERMAL PERCEPTION DURING EXERCISE IN THE HEAT: A RANDOMISED CONTROLLED CROSSOVER TRIAL

MAYES, H. ET AL. [UNITED KINGDOM]

CP-PN06-8

PSYCHOLOGICAL AND PHYSIOLOGICAL CHANGES TO THE COLD PRESSOR TEST IN ADOLESCENT HANDBALL PLAYERS WITH NORMAL MENSTRUATION

SZIRÁKI, ZS. ET AL. [HUNGARY]

CP-AP04

Hall Bordeaux (PS 16)

Apps and Sensors

Chair(s):

LI, Y. [CHINA]

HAUER, R. [AUSTRIA]

CP-AP04-1

A COMPARISON OF FULLTRACK AI APP AS AN ALTERNATIVE TO RADAR GUN MEASURED CRICKET BALL DELIVERY SPEED

SHORTER, K. ET AL. [AUSTRALIA]

CP-AP04-2

NEW TECHNOLOGICAL ADVANCES TO PROTECT PEOPLE WHO EXERCISE IN VARIOUS THERMAL ENVIRONMENTS

IOANNOU, L.G. ET AL. [SLOVENIA]

CP-AP04-3

DESIGN OF A SOFTWARE SUITE TO SUPPORT INDEXING, ANNOTATING, AND ANALYZING CLIMBING VIDEOS

LEROY, P. ET AL. [FRANCE]

CP-AP04-4

GAME-DESIGN FOR A HIGH-INTENSITY EXERGAME: TRAINING VOLUME AND FITNESS IMPROVEMENT WHILE PLAYING TO PROMOTE PHYSICAL ACTIVITY

AUDET, A. ET AL. [CANADA]

CP-AP04-5

LIGHT REFLECTION-BASED SYSTEM FOR SPIN MEASUREMENT OF TABLE TENNIS BALLS

DELUMEAU, T. [FRANCE]

CP-AP04-6

REPEATABILITY AND REPRODUCIBILITY OF AN ON-FIELD DEVICE FOR MEASURING LOW- TO HIGH-FREQUENCY MUSCLE FORCE RATIO.

BERNARD, O. [FRANCE]

CP-AP04-7

IS MARKERLESS MOTION TRACKING A FEASIBLE APPROACH FOR IN FIELD KINEMATIC ANALYSIS OF

WEIGHTLIFTING?

HOLZER, D. ET AL. [GERMANY]

CP-AP04-8

IMPROVEMENT IN PERIPHERAL VISUAL ATTENTIONAL PERFORMANCE IN PROFESSIONAL SOCCER PLAYERS FOLLOWING A SINGLE NEUROFEEDBACK TRAINING SESSION

ASSADOURIAN, S. ET AL. [CANADA]

CP-AP04-9

AI-DRIVEN SPRINT KINEMATICS ANALYSIS USING SAGITTAL VIDEO FOOTAGE FOR HIGH-PERFORMANCE SPRINTING

GALIZZI, V. [FRANCE]

CP-MH14

Hall Bordeaux (PS 17)

Physical activity promotion I

Chair(s):

CHRISTIAN, M. [GERMANY]

BLERVAQUE, L. [FRANCE]

CP-MH14-1

PITFALLS OF DATA MONITORING BY USE OF DIGITAL DEVICES OF AN ACTIVITY PACING STUDY PROTOCOL IN PEOPLE WITH HIV

MARMONDI, F. ET AL. [ITALY]

CP-MH14-2

WEIGHT-CLASS SPORTS AND SUSCEPTIBILITY TO UPPER RESPIRATORY TRACT INFECTION: A CROSS-SECTIONAL STUDY

SHIMIZU, S. [JAPAN]

CP-MH14-3

RELATIONSHIP BETWEEN ANTERIOR-POSTERIOR ACCELERATION AND THE T2 RELAXATION TIME OF LUMBAR INTERVERTEBRAL DISCS DURING RUNNING EXERCISES

HAKKAKU, T. ET AL. [JAPAN]

CP-MH14-4

TEMPORAL RELATIONSHIP BETWEEN OBJECTIVELY MEASURED PHYSICAL ACTIVITY AND PAIN

OCCURRENCE IN PATIENTS WITH SICKLE CELL ANEMIA: A PILOT STUDY

NAKA, R. ET AL. [JAPAN]

CP-MH14-5

A COMPARISON OF TWO BEST-PRACTICE CLINICAL EXERCISE SERVICES IN THE UNITED KINGDOM: RECOMMENDATIONS FOR SERVICE AND EDUCATION PROVIDERS

CROZIER, A. ET AL. [UNITED KINGDOM]

CP-MH14-6

TRAINING EXERCISE AND SPORT PROFESSIONALS TO SUPERVISE EXERCISE PROGRAMS TAILORED TO PREGNANT AND POSTPARTUM WOMEN: THE ACTIVE PREGNANCY PROJECT WORKSHOPS AND EDUCATIONAL RESOURCES

SANTOS-ROCHA, R. ET AL. [PORTUGAL]

CP-MH14-7

EVALUATION AND TREATMENT OF THORACIC HYPERKYPHOSIS IN YOUNG BASKETBALL PLAYERS: A PILOT STUDY

MERONI, A. ET AL. [ITALY]

CP-MH14-8

ASSOCIATIONS BETWEEN PHYSICAL ACTIVITY, CARDIORESPIRATORY FITNESS, PERCEPTUAL-COGNITIVE FUNCTION, AND DEPRESSIVE SYMPTOMS IN YOUNG ADULTS

MOSS, S.J. ET AL. [SOUTH AFRICA]

CP-MH14-9

CROSS-SECTIONAL ASSOCIATIONS OF ACCESS TO PARKS WITH TIMING-SPECIFIC PHYSICAL ACTIVITY AND SEDENTARY BEHAVIOR IN OLDER ADULTS

LIAO, Y. [TAIWAN]

CP-MH14-10

GET STRONG TO FIGHT CHILDHOOD CANCER: AN EXERCISE INTERVENTION FOR CHILDREN AND ADOLESCENTS UNDERGOING ANTI-CANCER TREATMENT (FORTEE)

DREISMICKENBECKER, E. ET AL. [GERMANY]

CP-PN07

Hall Bordeaux (PS 18)

Physiology: Muscle Metabolism

Chair(s):

HILL, C. [UNITED KINGDOM]

BAILEY, S. [UNITED KINGDOM]

CP-PN07-1

EXERCISE-INDUCED REDUCTIONS IN MITOCHONDRIAL ADP SENSITIVITY ARE LINKED TO MUSCLE GLYCOGEN DEPLETION

PETRICK, H.L. ET AL. [CANADA]

CP-PN07-2

RELATIONSHIP BETWEEN MITOCHONDRIAL RESPIRATORY VARIABLES AND CONVENTIONAL DETERMINANTS OF ENDURANCE EXERCISE PERFORMANCE IN HEALTHY ADULTS

ACTON, J.P. ET AL. [UNITED KINGDOM]

CP-PN07-3

THE COMBINED TREATMENT OF VITAMIN E SUPPLEMENT AND VOLUNTARY WHEEL RUNNING ENHANCES SKELETAL MUSCLE MITOCHONDRIAL FUNCTION INDEPENDENT OF OXIDATIVE STRESS IN OVARECTOMIZED MICE

TAN, Y. ET AL. [KOREA, SOUTH]

CP-PN07-4

MITOCHONDRIA OF HUMAN TYPE II MUSCLE FIBERS HAVE HIGHER A INTRINSIC RESPIRATORY RATE WHICH IS MEDIATED THROUGH ELEVATED COMPLEX II RESPIRATION.

APRÓ, W. ET AL. [SWEDEN]

CP-PN07-5

THE INFLUENCE OF SEX ON FIBER-SPECIFIC SKELETAL MUSCLE CHARACTERISTICS LINKED TO AEROBIC ENERGY METABOLISM

BAILLEUL, C. ET AL. [CANADA]

CP-PN07-6

INCREASED BLOOD LACTATE LEVELS VIA VENOUS INFUSION REDUCES CIRCULATING FREE FATTY ACIDS IN HUMANS AT REST

MOBERG, M. ET AL. [SWEDEN]

CP-PN07-7

EFFECTS OF ANAEROBIC LACTIC METABOLISM ON THE SLOW COMPONENT OF OXYGEN UPTAKE KINETICS DURING HIGH INTENSITY EXERCISE IN HUMANS

BARILARI, C. ET AL. [ITALY]

CP-PN07-8

THE IMPACT OF RAMP SLOPE ON THE NEAR-INFRARED SPECTROSCOPY DEOXYHEMOGLOBIN BREAKPOINT AND THE RESPIRATORY COMPENSATION POINT

INGLIS, E.C. ET AL. [CANADA]

CP-PN07-9

ENDOTHELIAL FUNCTION AFFECTS MUSCLE PROTEIN ANABOLIC RESPONSE IN HEALTHY AND DIABETIC OLDER ADULTS AFTER 12 WEEKS OF RESISTANCE EXERCISE TRAINING

MORO, T. ET AL. [ITALY]

CP-PN07-10

COMBINED EFFECTS OF MECHANICAL STRESS AND NUTRITION ON MUSCLE HYPERTROPHIC SIGNALS BY USING CONTRACTILE 3D-ENGINEERED MUSCLE

YI, D. ET AL. [JAPAN]

CP-MH15

Hall Bordeaux (PS 19)

Sports medicine I

Chair(s):

ØRTENBLAD, N. [DENMARK]

HAMLIN, M. [NEW ZEALAND]

CP-MH15-1

THE EFFECT OF LIFELONG ENDURANCE TRAINING ON MORNING CORTISOL LEVEL AND SELECTED MARKERS OF STRESS RESPONSE AND INFLAMMATION

CERNÁČKOVÁ, A. ET AL. [SLOVAKIA]

CP-MH15-2

HAIR ANALYSIS FOR SPORTS DRUG TESTING USING UPLC-MS/MS IN A RAT MODEL:

COMPARISON WITH PLASMA AND URINE

HUNG, S.H. ET AL. [TAIWAN]

CP-MH15-3

O2 SUPPLEMENTATION IMPROVES OXYGEN- UPTAKE KINETICS AND EXERCISE CAPACITY IN PATIENTS WITH INTERSTITIAL LUNG DISEASE (ILD)

REUVENY, R. ET AL. [ISRAEL]

CP-MH15-4

EFFECT OF EXERCISE TRAINING ON PROGNOSIS IN COMMUNITY-ACQUIRED PNEUMONIA: A RANDOMISED CONTROLLED TRIAL

RYRØ, C.K. ET AL. [DENMARK]

CP-MH15-5

BLOOD-FLOW RESTRICTED INTERVAL CYCLING MAXIMIZES LEG MUSCLE EFFORT WITH LESS VENTILATORY WORK COMPARED TO WORK-MATCHED FREE-FLOW EXERCISE: A RANDOMIZED CROSSOVER STUDY

KUHN, M. ET AL. [SWITZERLAND]

CP-MH15-6

THE RUNNING INJURY CONTINUUM: AN EXAMINATION OF RECREATIONAL RUNNERS' DESCRIPTION AND MANAGEMENT OF INJURY

LACEY, A. ET AL. [IRELAND]

CP-MH15-7

EFFECT OF A NONLINEAR EXERCISE PROGRAM THROUGH MHEALTH SYSTEM (ATOPE+) ON ISOKINETIC STRENGTH IN PATIENTS WITH BREAST CANCER UNDERGOING MEDICAL TREATMENTS

LOPEZ-GARZON, M. ET AL. [SPAIN]

CP-MH15-8

POLYCYSTIC OVARY SYNDROME DOES NOT ALTER RESTING CEREBRAL BLOOD FLOW

RICHARDS, C.T. ET AL. [UNITED KINGDOM]

CP-PN02

Hall Bordeaux (PS 20)

Molecular Biology and Biochemistry

Chair(s):

FERNANDEZ-SANJURJO, M. [SPAIN]

PLACE, N. [SWITZERLAND]

CP-PN02-1

[YIA]

MANIPULATION OF ROS DURING ACUTE EXERCISE AND SPRINT INTERVAL TRAINING USING POST-EXERCISE ISCHAEMIA-REPERFUSION DEMONSTRATES A DIFFERENTIAL REGULATION OF NOX ISOFORMS IN HUMAN SKELETAL MUSCLE.

PEÑA-VEGA, P. ET AL. [SPAIN]

CP-PN02-2

[YIA]

EXERCISING TO EXHAUSTION IN NORMOXIA AND SEVERE ACUTE HYPOXIA ACTIVATES STAT SIGNALLING IN HUMAN SKELETAL MUSCLE: POTENTIAL MECHANISMS.

GARCIA-PEREZ, G. ET AL. [SPAIN]

CP-PN02-3

[YIA]

THE ABILITY OF AN INFRARED RADIATION EMITTING FABRIC TO ACTIVATE ENOS AND CAMKII IN C2C12 CELLS

BOND, J. ET AL. [UNITED KINGDOM]

CP-PN02-4

[YIA]

ZYNAMITE PX SUPPLEMENTATION MODULATES SKELETAL MUSCLE SIGNALLING ELICITED BY EXERCISE AND POST-EXERCISE ISCHAEMIA-REPERFUSION IN HUMANS.

MARTINEZ-CANTON, M. ET AL. [SPAIN]

CP-PN02-5

[YIA]

AEROBIC EXERCISE TRAINING-INDUCED IRISIN SECRETION PREVENTS ATHEROSCLEROSIS WITH IMPROVEMENT OF ENDOTHELIAL FUNCTION IN APOE-DEFICIENT MICE

INOUE, K. ET AL. [JAPAN]

CP-PN02-6

THE IMPACT OF ALPHA-ACTININ-3 R577X AND ANGIOTENSIN-CONVERTING ENZYME I/D ON PHYSICAL FITNESS LEVELS AND ADAPTATION TO HIGH-INTENSITY RESISTANCE TRAINING IN

Conventional Print Poster Presentations

PATIENTS WITH ANOREXIA NERVOSA.
PAGADOR, A. ET AL. [SPAIN]

CP-PN02-7
GENOME-WIDE ASSOCIATION STUDY FOR
MUSCLE FIBER COMPOSITION IN JAPANESE
POPULATION
TAKARAGAWA, M. ET AL. [JAPAN]

CP-PN02-8
ASSOCIATION BETWEEN THE GALNTL6
POLYMORPHISMS AND POWER-ORIENTED
ATHLETES
KOZUMA, A. ET AL. [JAPAN]

CP-PN08

Hall Bordeaux (PS 21)

Muscle damage and repair

Chair(s):
FRANCHI, M. [ITALY]
COLLINS, M. [SOUTH AFRICA]
CP-PN08-1

MUSCLE FORCE PROFILES IN THE RAT TIBIALIS
ANTERIOR AS A FUNCTION OF VARIOUS
FREQUENCIES OF ECCENTRIC MUSCLE
CONTRACTION
OGA, R. ET AL. [JAPAN]

CP-PN08-2
REPEATED SPRINTS TRAINING DAMAGES MUSCLE
MITOCHONDRIA AND INCREASES OXIDATIVE
STRESS STATUS.
COSIO, P.L. ET AL. [SPAIN]

CP-PN08-3
ASSOCIATION BETWEEN TOTAL GENOTYPE SCORE
AND MUSCLE INJURIES IN TOP-LEVEL FOOTBALL
PLAYERS: A PILOT STUDY
MASSIDDA, M. ET AL. [ITALY]

CP-PN08-4
A NOVEL LOCUS FOR PREDISPOSITION TO
MUSCLE STRAIN INJURY IDENTIFIED USING A

GWAS FOR MUSCLE STIFFNESS
MIYAMOTO-MIKAMI, E. ET AL. [JAPAN]

CP-PN08-5
IMPROVING RETURN TO PLAY: INTERMITTENT
HYPOBARIC HYPOXIA EXPOSURE ACCELERATES
SKELETAL MUSCLE RECOVERY
SANTOCILDES, G. ET AL. [SPAIN]

CP-PN08-6
ACUTE MELATONIN ADMINISTRATION AFTER
PHYSICAL EXERCISE-INDUCED SKELETAL MUSCLE
DAMAGE ON PAX7
BECK, W.R. ET AL. [BRAZIL]

CP-PN08-7
THE EFFECT OF CAPSAICIN APPLICATION TO THE
SKIN ON SYMPTOMS OF EXERCISE INDUCED
MUSCLE DAMAGE
GELADAS, N. ET AL. [GREECE]

CP-PN08-8
EFFECT OF SPERMIDINE SUPPLEMENTATION ON
SKELETAL MUSCLE REGENERATION AFTER INJURY
IWATA, T. [JAPAN]

CP-PN08-9
NEUROMUSCULAR AND METABOLIC RESPONSES
DURING REPEATED BOUTS OF OVERWEIGHTED
DOWNHILL WALKING
CHALCHAT, E. ET AL. [FRANCE]

CP-MH31

Hall Bordeaux (PS 22)

Health and Fitness III

Chair(s):
PENG, B. [HONG KONG]
CHU, I. [TAIWAN]

CP-MH31-1
OUTDOOR FITNESS COURT FUNCTIONALITY:
ITS RELATIONSHIP TO CVH AND COMMUNITY
ENGAGEMENT
VAUGHN, M. ET AL. [UNITED STATES]

CP-MH31-2
IS PHYSICAL EXERCISE-INTERVENTION CAN BE
VALUABLE THERAPY FOR COVID-19 ?
KWAK, Y. [KOREA, SOUTH]

CP-MH31-3
EFFECTS OF IYENGAR YOGA ON FLEXIBILITY AND
STRESS OF THAI STUDENTS: A CASE STUDY OF
STUDENTS MAJORING IN SPORTS SCIENCE OF
SILPAKORN UNIVERSITY
NHUSAWI, K. ET AL. [THAILAND]

CP-MH31-4
ASSOCIATION OF SPORTS CLUB MEMBERSHIP
WITH HEALTH LITERACY, HEALTH BEHAVIOURS,
AND HEALTH STATUS AMONG JAPANESE
UNIVERSITY STUDENTS
KITAMURA, H. ET AL. [JAPAN]

CP-MH31-5
LONG-TERM TAI CHI TRAINING IMPROVED
COGNITIVE PERFORMANCE: A CROSS-SECTIONAL
STUDY
HUI, S.S.C. ET AL. [HONG KONG]

CP-MH31-6
PREVENTIVE EFFECT OF EXERCISE ON
DEPRESSION-LIKE BEHAVIOR VIA DECREASING
HIPPOCAMPAL TSPO
WATANABE, C. ET AL. [JAPAN]

CP-MH31-7
THE EFFECTS OF AN EXERCISE TRAINING ON
CORTISOL REACTIVITY PREADOLESCENT CHILDREN
AKKO, D.P. ET AL. [GERMANY]

CP-MH31-8
EXPLORING THE CHANGE PATTERNS OF SPEECH
FEATURES UNDER DIFFERENT EXERCISE STATES
MA, R.S. ET AL. [HONG KONG]

CP-MH31-9
INVESTIGATING KEY DETERMINANTS OF LUNG
FUNCTION TRAJECTORIES IN CHILDREN AND
YOUNG PEOPLE, AND THE INFLUENCE OF
PHYSICAL ACTIVITY ON THESE VALUES
JORDAN, K. [UNITED KINGDOM]

CP-MH31-10
24-HOUR MOVEMENT BEHAVIORS AND
EXECUTIVE FUNCTIONS IN PRESCHOOLERS:
A COMPOSITIONAL AND ISOTEMPORAL
REALLOCATION ANALYSIS
LAU, W. ET AL. [CHINA]

CP-PN03

Hall Bordeaux (PS 23)

Physiology I

Chair(s):
VERDIJK, L. [NETHERLANDS]
COLLINS, M. [SOUTH AFRICA]

CP-PN03-1 [YA]
THE EFFECTS OF THE MENSTRUAL CYCLE AND
COMBINED HORMONAL CONTRACEPTIVE USE
ON SATELLITE CELL REGULATION POST EXERCISE IN
RECREATIONALLY ACTIVE WOMEN: A PILOT STUDY.
MCNULTY, K.L. ET AL. [UNITED KINGDOM]

CP-PN03-2 [YA]
RESPONSE OF SERUM AND FUNCTIONAL
BIOMARKERS AFTER EXERCISE INDUCED MUSCLE
DAMAGE. DIFFERENCES BETWEEN MALE AND
FEMALE.
MORENO-SIMONET, L. ET AL. [SPAIN]

CP-PN03-3 [YA]
TYPE 2 MUSCLE FIBER CAPILLARIZATION IS AN
IMPORTANT DETERMINANT OF MICROVASCULAR
PERFUSION DURING RECOVERY FROM
RESISTANCE EXERCISE IN HEALTHY, OLDER ADULTS
BETZ, M. ET AL. [NETHERLANDS]

CP-PN03-4 [YA]
AEROBIC EXERCISE AMELIORATES
MOUSE LYMPHEDEMA BY PROMOTING
LYMPHANGIOGENESIS
PARK, H. ET AL. [KOREA, SOUTH]

CP-PN03-5 [YA]
HIIT TRAINING IN PREVIOUSLY INACTIVE MALES
ENHANCES ORAL NITRATE AND NITRITE LEVELS

WITHOUT INCREASING DENTAL CARIES RISK
SIMPSON, A. ET AL. [UNITED KINGDOM]

CP-PN03-6
EFFECTS OF COLD-WATER IMMERSION ON
RECOVERY OF NEUROMUSCULAR AFTER
INTERMITTENT-SPRINT EXERCISE
LIU, Z.H. ET AL. [CHINA]

CP-PN03-7
SPECIFIC IMPACT OF A COVID-19 INFECTION ON
TRAINING MODALITIES OF ENDURANCE TRAINED
ATHLETES.
DURAND, F. ET AL. [FRANCE]

CP-PN03-8
REGULATION OF ENDOCANNABINOIDS AND
SATELLITE CELLS BY RESISTANCE EXERCISE IN
HYPOXIA
VAN DOORSLAER DE TE RYEN, S. ET AL. [BELGIUM]

CP-PN03-9
CONCOMITANT CHANGES IN LACTATE AND FAT
OXIDATION KINETICS DURING EXERCISE
BENÍTEZ-MUÑOZ, J.A. ET AL. [SPAIN]

CP-PN09

Hall Bordeaux (PS 24)

Hypoxia

Chair(s):
GIRARD, O. [AUSTRALIA]
HAUFE, S. [GERMANY]

CP-PN09-1
NO ADDITIONAL EFFECT OF HYPOXIA OR
PLACEBO OVER NORMOXIA DURING A 3- WEEKS
REPEATED-SPRINT TRAINING: A DOUBLE-BLIND
STUDY
GUTKNECHT, A.P. ET AL. [FRANCE]

CP-PN09-2
EXCLUSIVE, ADDITIVE AND INTERACTIVE
EFFECTS OF COLD AND HYPOXIA ON MAXIMAL
ENDURANCE EXERCISE AND LACTATE THRESHOLD

PARAMETERS.

CALLOVINI, A. ET AL. [ITALY]

CP-PN09-3

EFFECTS OF ALTITUDE OF RESIDENCE ON HAEMATOLOGICAL CHARACTERISTICS AND PERFORMANCE IN YOUTH MALE COLOMBIAN CYCLISTS.

GARZON, M. ET AL. [CANADA]

CP-PN09-4

THE ACUTE EFFECTS OF MODERATE EXERCISE IN HYPOXIA ON PHYSIOLOGICAL RESPONSES AND MUSCLE RECOVERY IN FEMALES

WELLAUER, V. [SWITZERLAND]

CP-PN09-5

THE EFFECTS OF THREE WEEKS INTERMITTENT HYPOXIC THERAPY ON MITOCHONDRIAL FUNCTION: A PILOT STUDY

HOHENAUER, E. ET AL. [SWITZERLAND]

CP-PN09-6

REPEATED-SPRINT TRAINING IN HYPOXIA INDUCED BY HYPOVENTILATION AT LOW LUNG VOLUME: A META-ANALYSIS

PRECART, C. ET AL. [FRANCE]

CP-PN09-7

EFFECT OF ENDURANCE EXERCISE IN HYPOXIA ON SYMPATHETIC AND PARASYMPATHETIC NERVOUS ACTIVITIES DURING NIGHT

KOBAYASHI, M. ET AL. [JAPAN]

CP-PN09-8

PUPIL DYNAMICS IMPLIES AN INCREASE IN EXERCISE-EVOKED AROUSAL BY HYPOXIA: ASSUMING THE INVOLVEMENT OF ELEVATED CARDIORESPIRATORY RESPONSES

YAMAZAKI, Y. ET AL. [JAPAN]

CP-PN09-9

POST-INHIBITORY REBOUND POTENTIATION OF HEART RATE VARIABILITY AFTER ACUTE NORMOBARIC HYPOXIC EXPOSURE IN HEALTHY YOUNG SUBJECTS

DONGMIN, L., ET AL. [JAPAN]

CP-PN09-10

THE ACUTE EFFECT OF FREEDIVING SESSION ON THE MEMORY OF FREEDIVERS

ALLINGER, J. ET AL. [FRANCE]

CP-AP10

Hall Bordeaux (PS 25)

Fatigue

Chair(s):

NICOL, C. [FRANCE]

NIEUWENHUIJS, A. [NEW ZEALAND]

CP-AP10-1

EXPERIMENTAL TESTING OF METHODS TO MONITOR FATIGUE AMONGST ROYAL NAVY CLEARANCE DIVERS

HOUGH, P. ET AL. [UNITED KINGDOM]

CP-AP10-2

THE ASSOCIATION BETWEEN SLEEP AND PERFORMANCE IN FEMALE ATHLETES: A SYSTEMATIC REVIEW

MCGEEVER, A. ET AL. [IRELAND]

CP-AP10-3

EFFECT OF MMP3 GENE POLYMORPHISM AND SEX DIFFERENCE ON RATE OF RECOVERY OF MAXIMAL VOLUNTARY MUSCLE CONTRACTION TORQUE AFTER ECCENTRIC EXERCISE

DEGUCHI, M. ET AL. [JAPAN]

CP-AP10-4

TAKING THE HORIZONTAL FORCE COMPONENT OF THE 90:20 IPC TEST INTO ACCOUNT INCREASES SENSITIVITY TO DETECT MUSCLE FATIGUE OF THE POSTERIOR CHAIN, AND LIMB ASYMMETRIES.

RASP, D.M. ET AL. [GERMANY]

CP-AP10-5

ASSESSING INDICES OF AEROBIC FITNESS WITH DETRENDED FLUCTUATION ANALYSIS OF HEART RATE VARIABILITY DATA

AJAYI, O.O. ET AL. [CANADA]

CP-AP10-6

RATING OF PERCEIVED EFFORT BUT RELATIVE TO WHAT? A COMPARISON BETWEEN IMPOSED AND SELF-SELECTED ANCHORS

MALLERON, Y. ET AL. [ISRAEL]

CP-AP10-7

PLAYING POSITION EFFECTS ON BIOMARKERS IN MALE FUTSAL PLAYERS

KALIARTAS, K. ET AL. [UNITED KINGDOM]

CP-AP10-8

PUPILLOMETRY: DETECTION OF VARIATIONS IN AUTONOMIC NERVOUS SYSTEM ACTIVITY IN HIGH LEVEL YOUNG ATHLETE.

GIOVANNANGELI, C. ET AL. [FRANCE]

CP-MH01

Hall Bordeaux (PS 26)

Health and fitness II

Chair(s):

ESKANDARNEJAD, M. [IRAN]

SEGURA-JIMÉNEZ, V. [SPAIN]

CP-MH01-1

THE MEDIATING ROLE OF BODY COMPOSITION IN THE RELATIONSHIPS OF PHYSICAL ACTIVITY AND SEDENTARY TIME WITH INSULIN RESISTANCE IN CHILDREN

MORGAN, E. ET AL. [UNITED KINGDOM]

CP-MH01-2

EFFECTS OF PHYSICAL ACTIVITY LEVEL ON QUADRICEPS FEMORIS MUSCLE AND INTRAMUSCULAR ADIPOSE TISSUE IN THE ELDERLY

ANJIKI, K. ET AL. [JAPAN]

CP-MH01-3

IMPACT OF EXERCISE TRAINING ON THE RELATIONSHIP BETWEEN COGNITIVE OUTCOMES, PERCEPTION OF MEMORY AND BRAIN BLOOD FLOW IN OLDER ADULTS.

SILVA, G.O. ET AL. [BRAZIL]

CP-MH01-4

EFFECTS OF ONCE-WEEKLY HIGH-INTENSITY INTERVAL TRAINING ON DXA-DERIVED VISCERAL ADIPOSITY IN CENTRALLY OBESE ADULTS: PRELIMINARY FINDINGS OF A RANDOMIZED CONTROLLED TRIAL

LEUNG, C.K. ET AL. [HONG KONG]

CP-MH01-5

A RANDOMIZED CROSSOVER TRIAL TO ASSESS THE EFFECT OF TIME-RESTRICTED EATING COMBINED WITH RESISTANCE TRAINING ON HIGH-SPEED STRENGTH AND BODY COMPOSITION IN HEALTHY MALES

CORREIA, J.M. ET AL. [PORTUGAL]

CP-MH01-6

THE EFFECT OF STATIC STRETCHING ON ILIOTIBIAL BAND STIFFNESS AND PATELLAR ALIGNMENT IN HEALTHY INDIVIDUALS

YAGI, M. ET AL. [JAPAN]

CP-MH01-7

BIOMECHANICAL RESPONSE TO ACUTE STATIC STRETCHING IN BALLET DANCERS AND NON-DANCERS

MIZUNO, T. ET AL. [JAPAN]

CP-MH01-8

EFFECT OF DIFFERENT TYPES OF AEROBIC EXERCISE ON HUNGER, FOOD CHOICES, AND AD LIBITUM POST-EXERCISE FOOD INTAKE

HÖCHSMANN, C. ET AL. [GERMANY]

CP-MH01-9

IS PICKLEBALL A VALUABLE ACTIVITY FOR PREMENOPAUSAL/MENOPAUSAL WOMEN TO MAINTAIN GRIP STRENGTH?

FIAUD, V. ET AL. [UNITED STATES]

CP-MH01-10

EFFECTS OF COMBINING MICROCURRENT THERAPY WITH RESISTANCE EXERCISES ON BODY COMPOSITION IN MIDDLE-AGED ADULTS: A PILOT STUDY

LAZA-CAGIGAS, R. ET AL. [UNITED KINGDOM]

CP-AP11

Hall Bordeaux (PS 27)

Winter Sports

Chair(s):

FANTOZZI, S. [ITALY]

STOTER, I. [NETHERLANDS]

CP-AP11-1

INFLUENCE OF PHYSICAL QUALITIES ON GAME PERFORMANCE, ACUTE PHYSIOLOGICAL RESPONSES AND POST-GAME RECOVERY IN ICE HOCKEY

HAVERINEN, M. ET AL. [FINLAND]

CP-AP11-2

PREDICTION OF MAXIMUM LACTATE CONCENTRATION DURING AN ALL-OUT ANAEROBIC TEST IN ELITE ICE HOCKEY PLAYERS

ALLISSE, M. [CANADA]

CP-AP11-3

PERFORMANCE-DETERMINING VARIABLES OF A FULL SPRINT CROSS-COUNTRY SKIING COMPETITION

SKOVERENG, K. ET AL. [NORWAY]

CP-AP11-4

CRITERION VALIDITY OF PERFORMANCE TESTS AND PHYSIOLOGICAL CHARACTERISTICS IN ELITE CROSS-COUNTRY SKIERS

BUCHER, E. ET AL. [SWITZERLAND]

CP-AP11-5

PERFORMANCE, PHYSIOLOGICAL, AND PERCEPTUAL RESPONSES OF A FULL SPRINT CROSS-COUNTRY SKIING COMPETITION

TALSNES, R.K. ET AL. [NORWAY]

CP-AP11-6

COMPARISON OF THE EFFECTS OF HIGH-LOAD VERSUS LOW-LOAD RESISTANCE TRAINING ON SPORT-SPECIFIC PERFORMANCE PARAMETERS IN YOUTH CROSS-COUNTRY SKIERS AND BIATHLETES: A PILOT STUDY.

WAGNER, C.M. ET AL. [GERMANY]

Conventional Print Poster Presentations

CP-AP11-7

ASSOCIATIONS BETWEEN FORCE-VELOCITY PROFILE, ANAEROBIC CAPACITY AND REPEATED SPRINT ABILITY OF ADOLESCENT ICE HOCKEY PLAYERS.

GLAUDE-ROY, J. [CANADA]

CP-MH02

Hall Bordeaux (PS 28)

Adapted Physical Activity

Chair(s):

SOURON, R. [FRANCE]

HETTINGA, F. [UNITED KINGDOM]

CP-MH02-1 [YIA]

PATIENTS SUFFERING FROM MYOTONIC DYSTROPHY TYPE 1 SEEMS TO TOLERATE RESISTANCE EXERCISE WELL COMPARED TO HEALTHY CONTROLS

HANDEGARD, V. ET AL. [NORWAY]

CP-MH02-2 [YIA]

RESTING HEART RATE AND CARDIOVASCULAR MORTALITY IN KOREA: THE MODIFYING EFFECTS OF PHYSICAL ACTIVITY

CHOI, Y.H. ET AL. [KOREA, SOUTH]

CP-MH02-3 [YIA]

INFLUENCE OF TYPE 2 DIABETES MELLITUS DURATION ON THE EFFECTIVENESS OF A LIFESTYLE INTERVENTION: RESULTS FROM THE INTENSITY STUDY

RIOUX, B.V. ET AL. [CANADA]

CP-MH02-4

EFFECTIVENESS OF PHYSICAL ACTIVITY INTERVENTIONS ON ALLEVIATING PERCEIVED FATIGUE AMONG ADULTS WITH CHRONIC CONDITIONS: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMISED CONTROLLED TRIALS

BARAKOU, I. ET AL. [UNITED KINGDOM]

CP-MH02-5

SPECIFIC EXERCISE IS MEDICINE – PHYSICAL ACTIVITY IS CURRENTLY THE MOST EFFECTIVE

TREATMENT OPTION FOR NEUROPATHIES

STRECKMANN, F. ET AL. [GERMANY]

CP-MH02-6

MULTIPLE CHRONIC DISEASE CHARACTERISTICS OF THE MIDDLE-AGED SOUTH KOREANS BY A LIFESTYLE USING DATA MINING

HUANG, Y.C. ET AL. [KOREA, SOUTH]

CP-MH02-7

INSPIRATORY MUSCLE TRAINING IN THE TRAINING PROCESS OF DISABLED SWIMMERS.

OKRZYMOWSKA, P. ET AL. [POLAND]

CP-MH02-8

MOTOR AND MUSCLE ACTIVATION RESPONSES DURING STANDING WITH SENSORY RESTRICTIONS IN CHILDREN WITH CEREBRAL PALSY

PAPAVASILEIOU, A. ET AL. [GREECE]

CP-MH02-9

EEG DELTA AND THETA OSCILLATIONS ON PROPRIOCEPTIVE-MOTOR DYSFUNCTIONS IN YOUNG ADULTS WITH A PROBABLE DEVELOPMENTAL COORDINATION DISORDER

CHEN, Y.W. ET AL. [TAIWAN]

CP-MH02-10

KINEMATIC ANALYSIS OF ROWING IN A CHILD WITH CEREBRAL PALSY: A PRELIMINARY STUDY

CAMUNCOLI, F. ET AL. [ITALY]

CP-AP12

Hall Bordeaux (PS 29)

Health and fitness I

Chair(s):

KNEFFEL, Z. [HUNGARY]

ESTAFANOS, S. [CANADA]

CP-AP12-1

THE EFFECT OF BODY COMPOSITION ON SHORT AND LONG SPRINTS, AND ENDURANCE RUNNING PERFORMANCE IN MALE AND FEMALE STUDENTS

KACEM EP FTAITI, A. [TUNISIA]

CP-AP12-2

BREAKING DOWN THE CROSSFIT GAMES: A 10-YEAR ANALYSIS OF THE COMPETITION AND TOP ATHLETES. ARE THEY THE FITTEST ON EARTH?

STRUNK-POMAR, R. ET AL. [SPAIN]

CP-AP12-3

HEART RATE-BASED ESTIMATES OF METABOLIC INTENSITY OF AEROBIC EXERCISE IN POST-MENOPAUSAL WOMEN: APPLICATION AND PERFORMANCE.

COLOSIO, A. ET AL. [BELGIUM]

CP-AP12-4

THE INFLUENCE OF AGE ON PHYSICAL FITNESS, OCCUPATIONAL PERFORMANCE AND EXERCISE HABITS (PHYSICAL ACTIVITY) IN PORTUGUESE ELITE MALE POLICE OFFICERS

MONTEIRO, L. ET AL. [PORTUGAL]

CP-AP12-5

PHYSIOLOGICAL CHARACTERISTICS OF THREE LEVELS OF MALE JUDO ATHLETES

HARAT, I. ET AL. [ISRAEL]

CP-AP12-6

EFFECT OF FITNESS ON TIME COURSE OF RECOVERY FOLLOWING ACUTE STRENGTH AND AEROBIC CONDITIONING TRAINING

GRAMMENOU, M. ET AL. [AUSTRALIA]

CP-BM03

Hall Bordeaux (PS 30)

Motor Learning and Motor Control II

Chair(s):

TAO, K. [CHINA]

DE PAUW, K. [BELGIUM]

CP-BM03-1

CHANGES IN THE MECHANISMS OF CONTROL OF POSTURE DEPENDING ON TASK DIFFICULTY: EFFECT OF DIFFERENT PROPRIOCEPTIVE STIMULATION

FABRE, M. [FRANCE]

CP-BM03-2

MAGNETIC RESONANCE IMAGING COMPATIBLE ROBOTIC DEVICE FOR EXPLORING THE SUPRASPINAL CONTROL OF GAIT: A SYSTEMATIC REVIEW

HONG, Y. ET AL. [CHINA]

CP-BM03-3

MOTOR-COGNITIVE STRATEGIES TO INFLUENCE THE NEURAL CONTROL OF BALANCE: AN FNIRS STUDY.

GEMMERICH, R. ET AL. [GERMANY]

CP-BM03-4

ACTIVATION OF ABDOMINAL MUSCLES DURING FORCED EXPIRATION AT VARIOUS EXPIRATORY MOUTH PRESSURE LEVELS

CHINO, K. ET AL. [JAPAN]

CP-BM03-5

MOTOR IMAGERY SPEEDS IN THE FOOTBALL DRIBBLING TASK: AN EEG STUDY

ZAMANI SANI, S.H. ET AL. [IRAN]

CP-BM03-6

INTERPERSONAL SYNCHRONIZATION BETWEEN SPRINTERS: AN OBSERVATIONAL STUDY OF THE JAPANESE 100-M RECORD RACE

FURUKAWA, H. ET AL. [JAPAN]

CP-BM03-7

HOLD YOUR FIRE! EFFECTS OF MENTAL FATIGUE ON MOTIVATION, EXECUTIVE FUNCTION, EYE-MOVEMENTS, AND SIMULATED GUN-SHOOTING PERFORMANCE.

SABATTINI, L. ET AL. [ITALY]

CP-BM03-8

TWO-DIMENSIONAL TRIAL-BY-TRIAL ERROR CORRECTION FOR ACCURACY IN HIGH-SPEED PITCHING TASK

KUSAFUKA, A. ET AL. [JAPAN]

CP-BM03-9

MODULATING AROUSAL VIA PUPIL-BASED NEUROFEEDBACK: A POTENTIAL MENTAL TRAINING APPLICATION IN SPORTS?

WEIJS, M.L. ET AL. [SWITZERLAND]

CP-BM03-10

PRELIMINARY FINDINGS OF HIGH-DENSITY EEG SOURCE IMAGING DURING INCREMENTAL CYCLING TASK

OCVIRK, T. ET AL. [SWITZERLAND]

CP-BM04

Hall Bordeaux (PS 31)

Lower Extremity

Chair(s):

PARADISIS, G. [GREECE]

DE ZEE, M. [DENMARK]

CP-BM04-1

QUANTITATIVE COMPARISON OF SPINAL KINEMATICS IN SQUAT WITH VARYING LOAD WEIGHT

SHOJI, K. ET AL. [JAPAN]

CP-BM04-2

HIP EXTENSION MOMENT IN BODYWEIGHT BULGARIAN SQUAT IS PREDOMINANTLY CAUSED BY PASSIVE REACTION MOMENT DERIVED FROM REAR FOOT GROUND REACTION FORCE NOT FROM UPPER BODY WEIGHT

ARAKAWA, H. ET AL. [JAPAN]

CP-BM04-3

THE EFFECTS OF A 6-WEEK OF VELOCITY-BASED TRAINING ON RECREATIONAL LIFTERS

KIM, J. ET AL. [KOREA, SOUTH]

CP-BM04-4

SECONDARY JUMP DIRECTION AFFECTS LOWER LIMB KINEMATICS IN LANDING TASK

BRUNETTI, C. ET AL. [ITALY]

CP-BM04-5

THE USE OF A CONVENTIONAL DROP LANDING TASK TO IDENTIFY STABILITY DEFICITS IN NETBALL PLAYERS WITH FUNCTIONAL ANKLE INSTABILITY.

KWONG, D. ET AL. [SOUTH AFRICA]

CP-BM04-6

THE EFFECTS OF DIVIDED ATTENTION AND DECISION-MAKING ON SINGLE-LEG LANDING STABILITY IN ELITE YOUTH FOOTBALL PLAYERS
FRIEBE, D. ET AL. [GERMANY]

CP-BM04-7

RELIABILITY AND KINEMATICS OF MOVEMENT CONTROL TEST IN THE HIP JOINT
CHEN, C.Y. [TAIWAN]

CP-BM04-8

KNEE AND HIP BIOMECHANICS IN SINGLE LEG HOP FOR DISTANCE IN HEALTHY AND ACL RECONSTRUCTED SOCCER PLAYERS: WHEN THE HOPPED DISTANCE IS NOT ENOUGH
BALDAZZI, A. ET AL. [ITALY]

CP-BM04-9

PERONEAL MUSCLE RESPONSE TO AN EXPECTED AND UNEXPECTED FALL IN YOUNG AND MIDDLE-AGED ADULTS BEFORE AND AFTER NEUROMUSCULAR TRAINING: A CROSS-SECTIONAL STUDY
HAYEK, R. ET AL. [ISRAEL]

CP-MH04

Hall Bordeaux (PS 32)

Cardiovascular diseases I

Chair(s):

TSOUTSOUBI, I. [SLOVENIA]

KRZYWANSKI, J. [POLAND]

CP-MH04-1

COMBINED EFFECTS OF ACUTE AEROBIC EXERCISE BEFORE OR AFTER STRETCHING ON ARTERIAL STIFFNESS

OI, N. [JAPAN]

CP-MH04-2

SCREENING YOUNG ATHLETES – CAN WE IGNORE THAT A NEGATIVE STANDALONE HISTORY & PHYSICAL EXAMINATION COULD SKIP HIGH RISK CARDIAC CONDITIONS ?

STOIAN, I.M. ET AL. [ROMANIA]

CP-MH04-3

THE ROLE OF PHYSICAL ACTIVITY PROGRAM IN ANTIHYPERTENSIVE DRUG CONSUMPTION: A RANDOMIZED CONTROL TRIAL

DI MARTINO, G. ET AL. [ITALY]

CP-MH04-4

HEAT THERMOTHERAPY TO IMPROVE CARDIOVASCULAR FUNCTION: A SYSTEMATIC REVIEW AND META-ANALYSIS

PRICE, B.S. ET AL. [UNITED KINGDOM]

CP-MH04-5

ACUTE RESPONSES AND CHRONIC ADAPTATIONS ON CARDIOVASCULAR AND NEUROMUSCULAR OUTCOMES OF ENDURANCE AND RESISTANCE EXERCISE WITH BLOOD FLOW RESTRICTION IN PEOPLE WITH HYPERTENSION: A SYSTEMATIC REVIEW.

RIVERA-MEJÍA, S.L. ET AL. [SPAIN]

CP-MH04-6

A CONSUMER WEARABLE ACTIVITY TRACKER-BASED BEHAVIOUR CHANGE INTERVENTION IMPROVES SEDENTARY BEHAVIOUR AND CARDIOVASCULAR HEALTH IN SEDENTARY ADULTS: A RANDOMISED CONTROLLED TRIAL
FRANSEN, W.M.A. ET AL. [BELGIUM]

CP-MH04-7

DOES UNDERWATER MASSAGE ENHANCE THE BENEFITS OF HOT WATER IMMERSION?

CULLEN, T. ET AL. [UNITED KINGDOM]

CP-BM05

Hall Bordeaux (PS 33)

Team Sports Biomechanics

Chair(s):

CHEN, T. [TAIWAN]

BEATO, M. [UNITED KINGDOM]

CP-BM05-1

EFFECTS OF VARIOUS BAT WEIGHTS ON BAT SWING SPEED AND LOWER EXTREMITY MUSCLE

ACTIVATION OF COLLEGIATE BASEBALL PLAYERS

LU, S.D. ET AL. [TAIWAN]

CP-BM05-2

CAN INSTRUMENTED MOUTHGUARD BE USED FOR COMPUTING HEAD INJURY CRITERIA FOR RUGBY COLLISION INVESTIGATION OVER ELITE PLAYERS ?

BOURGAÏN, M. ET AL. [FRANCE]

CP-BM05-3

BIOMECHANICAL ANALYSIS OF VOLLEYBALL SPIKE ACCORDING TO TAKE-OFF STYLE OF RECREATIONAL PLAYERS

CHOI, W. ET AL. [KOREA, SOUTH]

CP-BM05-4

FORCE ACCURACY AND JOINT POSITION SENSE IN KICKING AND SUPPORTING LEG OF KNEE EXTENSORS IN FOOTBALL PLAYERS

TSVETKOVA-GABERSKA, M. [BULGARIA]

CP-BM05-5

KINETIC ADAPTATIONS MEASURED WITH INSTRUMENTED FOOTBALL SHOES DURING AN EXHAUSTIVE ON-FIELD RUN

KARAMANOUKIAN, A. ET AL. [FRANCE]

CP-BM05-6

DIFFERENCES IN KINETIC FACTORS RELATED TO LATERAL CUTTING PERFORMANCE WITH AND WITHOUT COGNITION

ONO, K. ET AL. [JAPAN]

CP-BM05-7

PITCH VELOCITY AND MUSCLE ACTIVITY DURING SUPRA-MAXIMAL EFFORT PITCHING IN JUNIOR HIGH SCHOOL BASEBALL PLAYERS.

OKEGAWA, T. [JAPAN]

CP-MH05

Hall Bordeaux (PS 34)

Health and fitness in adolescents/children

Chair(s):

ALAHMADI, M. [SAUDI ARABIA]

GARLAND, S. [SWEDEN]

CP-MH05-1

EFFECTS OF INDIVIDUALIZED VERSUS STANDARDIZED DROP JUMP TRAINING ON PHYSICAL FITNESS IN YOUTH VOLLEYBALL PLAYERS

HAMMAMI, R. ET AL. [TUNISIA]

CP-MH05-2

PHYSICAL LITERACY AND PHYSICAL ACTIVITY IN SWEDISH PRESCHOOL CHILDREN – A CROSS-SECTIONAL STUDY

DERAKHTI, M. [SWEDEN]

CP-MH05-3

ENERGY AND MACRONUTRIENT INTAKE OF JAPANESE ELEMENTARY SCHOOL STUDENTS PARTICIPATING IN SPORTS ACTIVITIES.

KOMORI, Y. ET AL. [JAPAN]

CP-MH05-4

V̇O₂MAX PREDICTION FROM SIMPLE VARIABLES IN ADOLESCENTS WITH OBESITY

REY, O. ET AL. [FRANCE]

CP-MH05-5

PHYSICAL ACTIVITY INTENSITIES AND COGNITIVE ABILITIES IN ADOLESCENTS: THE ROLE OF CARDIORESPIRATORY FITNESS

ADELANTADO-RENAU, M. ET AL. [SPAIN]

CP-MH05-6

DEVELOPMENT OF CARDIORESPIRATORY FITNESS IN CHILDREN IN THE TRANSITION FROM KINDERGARTEN TO BASIC SCHOOL ACCORDING TO PARTICIPATION IN ORGANIZED SPORTS

RISO, E.M. ET AL. [ESTONIA]

CP-MH05-7

RELATIONSHIP BETWEEN GLYCAEMIC CONTROL AND HEART RATE VARIABILITY IN CHILDREN WITH

TYPE I DIABETES: A PILOT STUDY

GONZÁLEZ DE RAMOS, C. ET AL. [SPAIN]

CP-BM06

Hall Bordeaux (PS 35)

Balance and Coordination

Chair(s):

MACCHI, R. [FRANCE]

MCCRUM, C. [NETHERLANDS]

CP-BM06-1

EFFECTS OF INDIVIDUALIZED THERAPY ON OBJECTIVE AND SUBJECTIVE INSTABILITY AFTER ANKLE INVERSION TRAUMA

JANAUSCHEK, S. ET AL. [GERMANY]

CP-BM06-2

COMPARISON OF RESULTS OF SCALING ANALYSIS OF FORCE PLATFORM AND EMG RECORDS OF STANDING WITH KNEE INJURY

RADIC, I. ET AL. [SERBIA]

CP-BM06-3

INTER-JOINT COORDINATION DURING UNILATERAL SEATED SHOT PUT TEST

BLACHE, Y. ET AL. [FRANCE]

CP-BM06-4

JOINT MOVEMENT PHASE DIFFERENCES DURING SITTING DOWN AND STANDING UP MOVEMENTS BETWEEN PEOPLE WITH AND WITHOUT LOW BACK PAIN

SUTANTO, D. [HONG KONG]

CP-BM06-5

ADAPTIVE FORCE – THE CONCEPT, MEASUREMENT AND POTENTIAL IMPORTANCE OF A NEUROMUSCULAR FUNCTION

BITTMANN, F.N. ET AL. [GERMANY]

CP-BM06-6

ANKLE AND KNEE STABILITY AS PREDICTORS FOR DYNAMIC BALANCE

BERNHARDT, V. ET AL. [UNITED STATES]

Conventional Print Poster Presentations

CP-BM06-7

SMART EYEGLASSES TO CHARACTERIZE PHYSICAL PERFORMANCE OF OLDER ADULTS: A CLUSTERING-BASED APPROACH ON FUNCTIONAL AND BIOMECHANICAL PARAMETERS

COLSON, S.S. ET AL. [FRANCE]

CP-BM06-8

THE TRUNK'S CONTRIBUTION TO POSTURAL CONTROL FOR CHILDREN WITH CEREBRAL PALSY.

DUCHENE, Y. ET AL. [FRANCE]

CP-BM06-9

RELIABILITY AND VALIDITY OF AN INERTIAL SENSOR-BASED KNEE ANGLE MEASURING DEVICE FOR GAIT SONIFICATION

LINNHOF, D. ET AL. [GERMANY]

CP-BM06-10

[YIA]

CORTICOSPINAL EXCITABILITY CHANGES AND MODULATION INDUCED BY SHORT-TERM BALANCE PERTURBATION TRAINING

HU, N. ET AL. [FINLAND]

CP-MH06

Corridor Rooms 341 - 343 (PS 36)

Cancer

Chair(s):

KAJ FRIDH, M. [DENMARK]

SONG, W. [KOREA, SOUTH]

CP-MH06-1

EFFECTS OF A CLINICAL EXERCISE PROGRAM ON PHYSICAL CONDITION IN LUNG CANCER PATIENTS

GIL-HERRERO, L. ET AL. [SPAIN]

CP-MH06-2

CHANGES IN HEALTH-RELATED FITNESS AND FATTY LIVER INDEX AFTER A 12-WEEK REMOTE EXERCISE INTERVENTION FOR BREAST CANCER SURVIVORS: A RANDOMIZED CONTROLLED TRIAL

MIN, J. ET AL. [KOREA, SOUTH]

CP-MH06-3

A PILOT RANDOMIZED CONTROLLED TRIAL EVALUATING A COMBINED AEROBIC AND RESISTANCE EXERCISE INTERVENTION IN PATIENTS WITH CANCER

AVANCINI, A. [ITALY]

CP-MH06-4

FUNCTIONAL CAPACITY, MUSCLE STRENGTH, BODY MASS INDEX, AND QUALITY OF LIFE IN PATIENTS WITH CANCER: A REAL-WORLD EXPERIENCE

BORSATI, A. ET AL. [ITALY]

CP-MH06-5

TREADMILL RUNNING SUPPRESSES TUMOR GROWTH THROUGH CD8+T CELL MOBILIZATION AND ACTIVATION

YUE, S. ET AL. [CHINA]

CP-MH06-6

ASSOCIATIONS OF PHYSICAL FITNESS WITH NON-ALCOHOLIC FATTY LIVER RISK PARAMETERS IN BREAST CANCER SURVIVORS AND HEALTHY CONTROLS

KONG, I. [KOREA, SOUTH]

CP-MH06-7

EFFECTS OF A CLINICAL EXERCISE PROGRAM ON HEALTH-RELATED FITNESS AND QUALITY OF LIFE IN SPANISH CANCER PATIENTS RECEIVING ADJUVANT THERAPY

CARRASCO-CARRETERO, A. ET AL. [SPAIN]

CP-MH06-8

ASSOCIATIONS BETWEEN DOSE-DEPENDENT RESPONSES OF CARDIORESPIRATORY FITNESS AND BREAST CANCER MORTALITY: A SYSTEMIC REVIEW AND META-ANALYSIS

LEE, J. ET AL. [KOREA, SOUTH]

CP-MH06-9

EFFECTS OF PERIOPERATIVE EXERCISE THERAPY ON CARDIORESPIRATORY FITNESS, POST-OPERATIVE COMPLICATIONS AND 5-YEAR SURVIVAL RATE IN PATIENTS WITH COLORECTAL CANCER: A SYSTEMATIC REVIEW AND META-ANALYSIS

HENNESSY, D. ET AL. [AUSTRALIA]

CP-MH06-10

EFFECT OF EXERCISE-CONDITIONED SERA FROM CHILDREN WITH CANCER ON THE PROLIFERATION OF EWING SARCOMA AND RHABDOMYOSARCOMA CELLS

RIST, S. ET AL. [GERMANY]

CP-MH07

Corridor Rooms 341 - 343 (PS 37)

Obesity/Weight loss I

Chair(s):

CORTIS, C. [ITALY]

RELJIC, D. [GERMANY]

CP-MH07-1

BODY (DIS)SATISFACTION: COULD THE EVALUATION BE INFLUENCED BY SEX?

PAPALE, O. ET AL. [ITALY]

CP-MH07-2

SHORT-TERM EFFECTS OF EXERCISE ON BODY IMAGE

FESTINO, E. ET AL. [ITALY]

CP-MH07-3

THE EFFECT OF HIIT ON BODY COMPOSITION, CARDIOVASCULAR FITNESS, PSYCHOLOGICAL WELL-BEING, AND EXECUTIVE FUNCTION OF FEMALE YOUNG ADULTS WITH OVERWEIGHT/OBESITY

GUO, L. ET AL. [CHINA]

CP-MH07-4

COMBINED PHYSICAL ACTIVITY AND MINDFULNESS MEDITATION INTERVENTION FOR WEIGHT LOSS AND EATING DISORDERS IN OBESE INDIVIDUALS

EL HAJJ, A. ET AL. [FRANCE]

CP-MH07-5

A CROSS-OVER EXAMINATION OF EXERCISE INTENSITY AND ITS IMPACT ON THE ACUTE RELEASE OF IRISIN IN INDIVIDUALS OF DIFFERENT OBESITY STATUS

SÉNÉCHAL, M. ET AL. [CANADA]

CP-MH07-6

BIBLIOMETRIC ANALYSIS OF RESEARCH TRENDS IN RELATIONSHIP BETWEEN PHYSICAL EXERCISE AND OBESITY

LETUKIENE, A. ET AL. [LITHUANIA]

CP-MH07-7

COVID-19 LOCKDOWN EFFECT ON WEIGHT AND FAT MASS IN FRENCH ELITE ATHLETES

NGUYEN-BOUSSUGE, S. [FRANCE]

CP-SH02

Corridor Rooms 341 - 343 (PS 38)

Physical activity promotion II

Chair(s):

BONATO, M. [ITALY]

OHLENDORF, D. [GERMANY]

CP-SH02-1

A QUALITATIVE CASE STUDY ON EXPERTISE OF SPRINT GUIDE RUNNER : CONSIDERATION BASED ON CASE OF FOUR ATHLETES WITH SEVERE VISUAL IMPAIRMENT FOR OVER 20 YEARS.

KONDO, K. ET AL. [JAPAN]

CP-SH02-2

COMPARISON OF PARTICIPATING MECHANISM OF LEISURE MARATHON AMONG CHINA, THE UNITED STATES AND JAPAN

CHEN, X. ET AL. [CHINA]

CP-SH02-3

EXERCISE PROVIDERS IN THE UK ARE NOT USING THE PHYSICAL ACTIVITY GUIDELINES TO INFORM THEIR STRENGTH PRESCRIPTION WITH OLDER ADULTS

GLUCHOWSKI, A. [UNITED KINGDOM]

CP-SH02-4

A STUDY ON THE RELATIONSHIP AMONG PHYSICAL FITNESS AND ACADEMIC PERFORMANCE, SPORTS CLUB PARTICIPATION, TIME SPENT ONLINE, AND SLEEP

WU, H.F. ET AL. [TAIWAN]

CP-SH02-5

WALKING CHARACTERISTICS OF TOP FASHION MODELS DURING PARIS AND MILANO COLLECTIONS IDENTIFIED BY QUANTITATIVE ANALYSIS OF PUBLICLY AVAILABLE MOVIES -VOGUES OVER PAST THREE DECADES- KOBAYASHI, Y. ET AL. [JAPAN]

CP-SH02-6

A LONGITUDINAL STUDY ON EXERCISE HABITS AND MENTAL HEALTH AMONG SWEDISH POLICE STUDENTS

BJÄRSHOLM, D. ET AL. [SWEDEN]

CP-SH02-7

STAND UP UNIVERSITY, BREAK SEDENTARY BEHAVIOURS: UNIFIT STUDY

SCOPPOLINI MASSINI, M. ET AL. [ITALY]

CP-SH02-8

HOW PHYSICAL ACTIVITY INTENTION IS INFLUENCED BY MOTIVATION, RESILIENCE, MOOD AND PERSONAL AND SOCIAL RESPONSIBILITY

SOOS, I. ET AL. [HUNGARY]

CP-MH08

Corridor Rooms 351 - 353 (PS 39)

Sports Medicine: Children

Chair(s):

LONGO, S. [ITALY]

MARINA, M. [SPAIN]

CP-MH08-1

THE EFFECT OF TRAINING TIME AND MATURITY STATUS ON BONE GROWTH IN CHILDREN TENNIS PLAYERS

PALAIOHODOROU, D. ET AL. [GREECE]

CP-MH08-2

DETERMINATION AGE-RELATED DEFICIENCY OF FUNCTIONAL MOVEMENT PROFICIENCY AND LOWER BODY STRENGTH IN ADOLESCENT SOCCER PLAYERS

IMAL, O. [CZECH REPUBLIC]

CP-MH08-3

SYSTEMATIC REVIEW OF PARENT-BASED MOBILE HEALTH INTERVENTION TO PROMOTE PHYSICAL ACTIVITY, DIETARY BEHAVIORS AND REDUCE SLEEP PROBLEMS IN PRESCHOOLERS

PENG, Z. [HONG KONG]

CP-MH08-4

THE EFFECTS OF A MOVEMENT SKILLS TRAINING PROGRAMME ON GROSS MOTOR SKILLS, EXECUTIVE FUNCTION, AND SOCIAL COMPETENCE: PRELIMINARY FINDINGS FROM A GROUP-RANDOMISED CONTROLLED TRIAL

CAPIO, C.M. ET AL. [HONG KONG]

CP-MH08-5

THE IMPACT OF CARDIORESPIRATORY FITNESS TRAJECTORIES THROUGH ADOLESCENCE IN THE ASSOCIATION OF BDNF WITH COGNITIVE AND ACADEMIC PERFORMANCE

BELTRAN-VALLS, M.R. ET AL. [SPAIN]

CP-MH08-6

THE IMPORTANCE OF SKILL COMPETENCE AS A KEY PREDICTOR OF THE ENERGY EXPENDITURE ASSOCIATED WITH PERFORMING FUNDAMENTAL MOVEMENT SKILLS

MACKINTOSH, K.A. ET AL. [UNITED KINGDOM]

CP-MH08-7

AGE-RELATED CHANGES AND TRACKING OF CARDIORESPIRATORY FITNESS FROM CHILDHOOD TO LATE ADOLESCENCE

INGVARSDOTTIR, T.H. ET AL. [ICELAND]

CP-MH08-8

CHANGES IN PHYSICAL ACTIVITY, BODY COMPOSITION AND CARDIORESPIRATORY FITNESS FROM 15 TO 17 YEARS OLD

RÖGNVALDSDÓTTIR, V. [ICELAND]

CP-SH03

Corridor Rooms 351 - 353 (PS 40)

Physical education teachers

Chair(s):

STAUB, I. [GERMANY]

FURLEY, P. [GERMANY]

CP-SH03-1

EYE-TRACKING AND PROFESSIONAL VISION OF TEACHERS

WITT, J. ET AL. [GERMANY]

CP-SH03-2

TASK ANALYSIS SKILLS OF GERMAN PHYSICAL EDUCATION TEACHERS – WHAT INFLUENCES THE QUALITY OF TASK-RELATED JUDGEMENTS?

HENDRICKS, P. [GERMANY]

CP-SH03-3

THE USE OF GYMNASTIC RINGS IN PHYSICAL EDUCATION CLASSES: AN EMPIRICAL VIEW ON GERMAN HIGH SCHOOL TEACHERS

ROHLEDER, J. ET AL. [GERMANY]

CP-SH03-4

EVALUATION OF THE STRESS LAB – A VIDEO-BASED TOOL FOR PROSPECTIVE PHYSICAL EDUCATION TEACHERS

HARTMANN, U. ET AL. [GERMANY]

CP-SH03-5

EXPERIENCES OF TEACHER-FACILITATORS OF PROFESSIONAL LEARNING IN SCHOOL PHYSICAL EDUCATION

YOMODA, K. [JAPAN]

CP-SH03-6

TEACHERS' EXPERTISE WITH DIAGNOSTICS IN PHYSICAL EDUCATION AND THEIR ATTITUDE TOWARDS THE USE OF MOTOR TESTS

FOKKEN, I. ET AL. [GERMANY]

CP-SH03-7

THE EFFECT OF STEAM PROGRAM ON JUMPING SKILL OF TEACHER TRAINING COURSE STUDENTS

ISHIZAWA, J. ET AL. [JAPAN]

CP-SH03-8

PERCEIVED STRESS AND SOURCES OF STRESS IN PRIMARY SCHOOL PHYSICAL EDUCATION TEACHERS IN GERMANY

ZAMMIT, N. ET AL. [GERMANY]

CP-SH03-9

BEYOND SPORT: THE EFFECTIVENESS OF TEACHING LIFE SKILLS TRANSFER THROUGH PHYSICAL EDUCATION CURRICULUM

PAN, Y.H. ET AL. [TAIWAN]

Thursday, 6 July

18:00 - 19:00

CP-AP01

Corridor Hall Bordeaux (PS 1)

Sport Equipment

Chair(s):

VANWANSELEE, B. [BELGIUM]

MARCUS, L. [SINGAPORE]

CP-AP01-1

IMPACT OF CARBON-PLATED RUNNING SHOES ON RUNNING ECONOMY IN INTERMEDIATE RUNNERS

MEYER, M. ET AL. [GERMANY]

CP-AP01-2

DO SUPER SHOES OFFER AN ADVANTAGE TO RECREATIONAL RUNNERS?

PARADISIS, G. ET AL. [GREECE]

CP-AP01-3

EFFECTS OF WEARING COOLING TROUSERS ON SKIN TEMPERATURE AND SKIN PERFUSION IN HEALTHY MALES.

WILDMOSER, J. ET AL. [SWITZERLAND]

CP-AP01-4

IDENTIFICATION OF SPATIAL COGNITION FOR MULTIPLE SOUNDS IN BLIND FOOTBALL PLAYERS

USING A VIRTUAL ACOUSTIC SYSTEM

TANAKA, S. ET AL. [JAPAN]

CP-AP01-5

COMPARING THE EFFICIENCY OF DIFFERENT KAYAKING PADDLE LEAVES.

ESPOSITO, G. ET AL. [ITALY]

CP-AP01-6

REDUCING HEAD INJURY IN WRESTLING: A BIOMECHANICAL AND IMPACT TESTING STUDY USING POLYUREA-COATED FOAMS AS WRESTLING MATS

TOMIN, M. ET AL. [HUNGARY]

CP-AP01-7

A PROPOSAL FOR A HIGHLY EFFICIENT RECEIVING PRACTICE METHOD IN VOLLEYBALL USING VIRTUAL REALITY ENVIRONMENTS: ESTIMATION OF LOW-RETURN RATE SPIKE COURSES BY DEEP LEARNING BASED ON RECEIVER POSE

TAKAZAWA, S. ET AL. [JAPAN]

CP-AP01-8

AN INNOVATIVE COMPLEX SPORTS LIGHTING SYSTEM AND THE RELATED OPTIONS FOR THE ENHANCEMENT OF SPORTS PERFORMANCE

VÁRHELYI, T. ET AL. [HUNGARY]

CP-MH17

Corridor Hall Bordeaux (PS 2)

Cardiovascular diseases II

Chair(s):

PECANHA, T. [UNITED KINGDOM]

HAUFE, S. [GERMANY]

CP-MH17-1

DAILY STEP COUNT AND LEISURE-TIME PHYSICAL ACTIVITY WITH THE PREVALENCE OF HYPERTENSION: A CROSS-SECTIONAL STUDY AMONG WORKERS IN JAPAN

TSUNEDA, U. ET AL. [JAPAN]

CP-MH17-2

LOW INTENSITY STRUCTURED EXERCISE IS ASSOCIATED WITH HEMODYNAMIC CHANGES REVEALED BY INFRARED THERMOGRAPHY IN PEOPLE WITH INTERMITTENT CLAUDICATION

CARUSO, L. ET AL. [ITALY]

CP-MH17-3

VALIDATION OF A NOVEL ISOMETRIC RESISTANCE TRAINING BAND: A COMPARISON OF THE CARDIOVASCULAR RESPONSES BETWEEN EXERCISE MODES

WRIGHT, B.H. ET AL. [UNITED KINGDOM]

CP-MH17-4

EFFECTS EXERCISE ARM-CRANKING AND TREADMILL WALKING TRAINING ON AMBULATORY BLOOD PRESSURE OF PATIENTS WITH PERIPHERAL ARTERY DISEASE AND CLAUDICATION SYMPTOMS

CORREIA, M.A. ET AL. [BRAZIL]

CP-MH17-5

WALKING EXERCISE INTENSITY PREFERENCES IN PATIENTS WITH PERIPHERAL ARTERY DISEASE

RITTI-DIAS, R. ET AL. [BRAZIL]

CP-MH17-6

LIFE'S ESSENTIAL 8 SCORE AND RISK OF ALL-CAUSE AND CARDIOVASCULAR MORTALITY IN SPANISH ADULTS: THE ENRICA STUDY

HERNÁNDEZ-MARTÍNEZ, A. ET AL. [SPAIN]

CP-MH17-7

ASSOCIATION OF ESTIMATED CARDIORESPIRATORY FITNESS AND INSULIN RESISTANCE IN KOREAN ADULTS: THE KOREA NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY (KNHANES 2020-2021).

HAN, Y. ET AL. [KOREA, SOUTH]

CP-MH17-8

REFERENCE VALUES FOR ACCELEROMETER-ASSESSED PHYSICAL ACTIVITY AND ASSOCIATIONS WITH CARDIORESPIRATORY FITNESS: A CROSS-SECTIONAL STUDY OF HEALTHY ADULTS

SCHWENDINGER, F. ET AL. [SWITZERLAND]

Conventional Print Poster Presentations

CP-MH17-9

THE ACCURACY OF SMARTWATCH OPTICAL HEART RATE SENSOR, DURING THREE PROGRESSIVE INTENSITIES: A PILOT STUDY
LANOUX, L. ET AL. [BRAZIL]

CP-SH10

Corridor Hall Bordeaux (PS 3)

Social science and humanities (mixed)

Chair(s):

WILCZYNSKA, D. [POLAND]

FILGUEIRAS-GONCALVES, A. [UNITED KINGDOM]

CP-SH10-1

THE PLAY HABITS OF CHILDREN DURING THE EARLY YEARS – EXPLORING ETHNIC DIFFERENCES IN THE BORN IN BRADFORD COHORT STUDY.

LINDSAY, R. ET AL. [UNITED KINGDOM]

CP-SH10-2

RESEARCH ON THE RELATIONSHIP BETWEEN PHYSICAL ACTIVITY CONSCIOUSNESS AND INTENTION: A SURVEY OF CHINESE COLLEGE STUDENTS

WANG, Y. ET AL. [JAPAN]

CP-SH10-3

PHYSICAL EDUCATION TEACHERS AND THEIR STATUS: WHY ARE THEY NOT SEEN AS PROFESSIONALS?

SEBELIUS, S. [SWEDEN]

CP-SH10-4

TEACHERS' PERCEPTIONS ON PHYSICAL EDUCATION IN ITALIAN SCHOOL: A MIXED METHODS APPROACH

MAULINI, C. ET AL. [ITALY]

CP-SH10-5

ASSESSMENT TOOLS IN PHYSICAL AND SPORTS EDUCATION IN SCHOOL CONTEXT: AN OVERVIEW.

FORTE, P. ET AL. [ITALY]

CP-SH10-6

COMMERCIAL RUNNING APPS: HOW MUCH DO THEY SUPPORT USERS' PSYCHOLOGICAL NEEDS?

GOMES FERNANDES, G. ET AL. [FRANCE]

CP-SH10-7

BARRIERS AND FACILITATORS TO PHYSICAL ACTIVITY FOR YOUNG ADULT WOMEN: A QUALITATIVE SYNTHESIS

PENG, B. ET AL. [HONG KONG]

CP-SH10-8

DUAL-TASK TRAINING EFFECTS ON THE COGNITIVE-MOTOR INTERFERENCE IN INDIVIDUALS WITH INTELLECTUAL DISABILITY
REBAI, H. ET AL. [TUNISIA]

CP-AP03

Corridor Hall Bordeaux (PS 4)

Training and Coaching

Chair(s):

ESPADA, M. [PORTUGAL]

DESGORCES, F. [FRANCE]

CP-AP03-1

TRAINING INTENSITY DISTRIBUTION CONSIDERING SPORTS SPECIFICITY, QUANTIFICATION METHODS AND TIME OF SEASON IN ELITE TO WORLD CLASS ENDURANCE ATHLETES – ANALYSIS OF CURRENT SCIENTIFIC LITERATURE

MATZKA, M. ET AL. [GERMANY]

CP-AP03-2

POSITION-SPECIFIC EXTERNAL WORKLOAD OF PROFESSIONAL RUGBY UNION PLAYERS DURING TACTICAL PERIODIZATION TRAINING

HU, X.P. ET AL. [FRANCE]

CP-AP03-3

EFFECTS OF AN 8-WEEK OF BRIEF MINDFULNESS MEDITATION COMBINED WITH A RUNNING PROGRAM ON THE PERFORMANCE AND HEALTH OF TRAINED RUNNERS.

BARBRY, A. [FRANCE]

CP-AP03-4

LIFESTYLE AS A MODULATOR OF THE EFFECTS ON FITNESS OF AN INTEGRATED NEUROMUSCULAR TRAINING IN PRIMARY EDUCATION: A RANDOMIZED CONTROLLED TRIAL

PRATS-PUIG, A. ET AL. [SPAIN]

CP-AP03-5

ATTEMPTING TO THRIVE DURING THE OLYMPIC QUALIFICATION WINDOW: A NARRATIVE ANALYSIS
BROWN, D.J. ET AL. [UNITED KINGDOM]

CP-AP03-6

USING NETWORK SCIENCE TO IDENTIFY THE PROMINENT COURT ZONE OF TENNIS LONG RALLY

ZHOU, Y. ET AL. [CHINA]

CP-AP03-7

DIFFERENCES BETWEEN TIME-MOTION CHARACTERISTICS AND SERVING VELOCITY IN WINNING AND LOSING MATCHES OF ELITE MALE TENNIS PLAYERS – A PILOT STUDY

TÓTH, P.J. ET AL. [HUNGARY]

CP-MH18

Hall Bordeaux (PS 5)

Obesity/Weight loss II

Chair(s):

SABAG, A. [AUSTRALIA]

KRUSE, A. [AUSTRIA]

CP-MH18-1

THE EFFECT OF UNIVERSITY PHYSICAL EDUCATION CLASSES ON BODY COMPOSITION
BARKA, N. ET AL. [HUNGARY]

CP-MH18-2

THE EFFICACY OF THE WEIGHT LOSS PROGRAM ON GUT MICROBIOTA AND METABOLIC HEALTH IN PATIENTS WITH OBESITY

KUBÁNOVÁ, L. ET AL. [SLOVAKIA]

CP-MH18-3

IMPACT OF SUPERVISED EXERCISE ON HEART RATE VARIABILITY, BLOOD PRESSURE, AND ARTERIAL STIFFNESS FOLLOWING BARIATRIC SURGERY: EFIBAR STUDY

MARTÍNEZ-ROSALES, E. ET AL. [SPAIN]

CP-MH18-4

RELATIONSHIP BETWEEN GUT MICROBIOTA COMMUNITY AND SHORT-CHAIN FATTY ACID PRODUCTION IN TLR5 KNOCKOUT MICE AFTER VOLUNTARY EXERCISE

HIROMI, Y. ET AL. [JAPAN]

CP-MH18-5

EFFECT OF DIFFERENT EXERCISE MODES ON FAT LOSS IN RECESSIVE FEMALE UNIVERSITY STUDENTS

ZHANG, P. [CHINA]

CP-MH18-6

INVOLVEMENT OF EXTRACELLULAR VESICLES IN EXERCISE-RELATED INFLAMMATION REDUCTION IN LEAN AND OBESE SEDENTARY ADULTS

WARNIER, G. ET AL. [BELGIUM]

CP-MH18-7

HIGH-FREQUENCY BIO-IMPEDANCE EQUATION FOR APPENDICULAR SKELETAL MUSCLE MASS IN OLDER PEOPLE

KIM, C. ET AL. [KOREA, SOUTH]

CP-MH18-8

EVALUATION OF THE CHARACTERISTICS OF BEHAVIORAL CHANGE IN THE FACE OF PHYSICAL ACTIVITY IN SCHOOLCHILDREN IN BOGOTÁ, COLOMBIA.

TRIANA-REINA, H.R. ET AL. [COLOMBIA]

CP-SH11

Hall Bordeaux (PS 6)

Physical activity promotion for children

and youth

Chair(s):

ALAHMADI, M. [SAUDI ARABIA]

UVACEK, M. [HUNGARY]

CP-SH11-1

THE EFFECT OF COVID-19 ON PHYSICAL FITNESS PERFORMANCE AMONG UNIVERSITY STUDENTS

LIN, M.S. ET AL. [TAIWAN]

CP-SH11-2

DEVELOPMENT OF A MODEL FOR AFTER-SCHOOL EXERCISE PROGRAM IN ELEMENTARY SCHOOLS IN JAPAN, ITS EFFECTIVENESS AND CHALLENGES

KOKUDO, S. [JAPAN]

CP-SH11-3

ASSOCIATION OF PARTICIPATION ON SPORTS VIDEO GAMES AND REAL-LIFE SPORTS INVOLVEMENT OF UNIVERSITY STUDENTS

WAI KEUNG, H. [HONG KONG]

CP-SH11-4

SOCIO-STRUCTURAL DETERMINANTS OF PHYSICAL ACTIVITY BEHAVIOR IN CHILDREN AND ADOLESCENTS: THE RELEVANCE OF SOCIAL SUPPORT

WOLBRING, L. ET AL. [GERMANY]

CP-SH11-5

GAIT ANALYSIS USING POSE ESTIMATION - BASIC RESEARCH FOR DEVELOPMENT OF INTERACTIVE HEALTH PROMOTION SYSTEM-

INOUE, Y. ET AL. [JAPAN]

CP-AP05

Hall Bordeaux (PS 7)

Monitoring

Chair(s):

BOULLOSA, D. [SPAIN]

WITEK, K. [POLAND]

CP-AP05-1

TELEMEDICAL MONITORING FOR SAFE HOME-BASED EXERCISE TRAINING OF SENIORS
SLOBODOVÁ, L. ET AL. [SLOVAKIA]

CP-AP05-2

INDIVIDUALIZED INTERPRETATION OF RAW VALUES IN TRAINING LOAD AND RECOVERY MONITORING - ROBUST SCALING AS A POTENTIAL ALTERNATIVE TO ACWR (AND BEYOND)
HECKSTEDEN, A. ET AL. [AUSTRIA]

CP-AP05-3

INVESTIGATING THE INFLUENCE OF REPRESENTATIVE SCALING IN FOOTBALL PRACTICE GAMES VIA POSITIONAL DATA
DEUKER, A. ET AL. [GERMANY]

CP-AP05-4

CONTEXTUAL FACTORS INFLUENCING EXTERNAL AND INTERNAL LOAD IN COLLEGIATE WOMEN'S BASKETBALL
SAVLA, R. ET AL. [UNITED STATES]

CP-AP05-5

DEEP NEURAL NETWORK-DRIVEN TIME SERIES ANALYSIS OF POSTERIOR LEGS SURFACE RADIATION DURING CARDIOPULMONARY EXERCISE TESTING AND ASSOCIATIONS WITH CORE TEMPERATURE AND INTERNAL LOAD
HILLEN, B. ET AL. [GERMANY]

CP-AP05-6

COMPARISON BETWEEN BODYWEIGHT LUNGES AND SQUATS ON MUSCLE OXYGEN SATURATION, HEART RATE AND PERCEIVED EXERTION
AMARAL, A. ET AL. [PORTUGAL]

CP-AP05-7

WORK!: AN EXTERNAL LOAD FRAMEWORK FOR TENNIS MATCHES
KEMPE, M. ET AL. [NETHERLANDS]

CP-AP05-8

HOW TO MAXIMIZE PERFORMANCE DURING PARALYMPICS BY ANALYZING THE HUMAN-WHEELCHAIR-ATHLETIC TRACK INTERACTIONS ?
MICHEL, M. ET AL. [FRANCE]

CP-AP05-9

HOW IS SPORTS INJURY PREDICTION PERCEIVED BY ELITE SPORTS STAKEHOLDERS? AN ONLINE SURVEY DURING THE MUNICH 2022 EUROPEAN CHAMPIONSHIPS.
DANDRIEUX, P.E. ET AL. [FRANCE]

CP-PN10

Hall Bordeaux (PS 8)

Physiology II

Chair(s):

BARRETT, J. [UNITED KINGDOM]

TRYFONOS, A. [SWEDEN]

CP-PN10-1

IRISIN AND BONE REMODELING REGULATORS AFTER HIGH-INTENSITY INTERVAL EXERCISE OF HIGH AND LOW IMPACT IN YOUNG ADULT FEMALES
KLENTROU, P. ET AL. [CANADA]

CP-PN10-2

BONE (RE)MODELLING MARKER CONCENTRATIONS THROUGHOUT MENSTRUAL CYCLE PHASES IN RESPONSE TO AN ECCENTRIC RESISTANCE TRAINING PROTOCOL
GONZÁLEZ-MATEOS, A. ET AL. [SPAIN]

CP-PN10-3

INFLUENCE OF EXERCISE MODALITY (ENDURANCE VERSUS RESISTANCE) ON BONE (RE)MODELLING MARKERS IN ORAL CONTRACEPTIVE USER WOMEN
PEINADO, A.B. ET AL. [SPAIN]

CP-PN10-4

INCREASED PHYSICAL LOADING ON AND OFF THE PITCH: DEMANDS OF FULL-TIME ACADEMY PROGRAMMES AND IMPLICATIONS FOR GROWTH, MATURATION AND BONE HEALTH.
STABLES, R. ET AL. [UNITED KINGDOM]

CP-PN10-5

DETERMINANTS OF RESTING CEREBRAL BLOOD FLOW AND ARTERIAL TRANSIT TIME IN HEALTHY OLDER ADULTS
FERON, J. ET AL. [UNITED KINGDOM]

CP-PN10-6

GRIP STRENGTH CORRELATES WITH BODY COMPOSITION AND BASAL METABOLIC RATE IN OLDER ADULTS WITH LOW APPETITE
GONNELLI, F. ET AL. [ITALY]

CP-PN10-7

THE ETIOLOGY OF AGE-RELATED FATIGABILITY REVISITED
LUNEAU, E. [FRANCE]

CP-PN10-8

GENDER DIFFERENCES IN THE EFFECTS OF SARCOPENIA ON COGNITIVE FUNCTION, DEPRESSION, AND PHYSICAL FUNCTION IN THE ELDERLY: A SYSTEMATIC REVIEW AND META-ANALYSIS
LEE, C. [KOREA, SOUTH]

CP-PN10-9

THE COMBINED TREATMENT OF ACETIC ACID SUPPLEMENT AND EXERCISE INTERVENTION ALLEVIATES SKELETAL MUSCLE MITOCHONDRIAL DYSFUNCTION IN OVARECTOMIZED MICE
PARK, K. ET AL. [KOREA, SOUTH]

CP-PN10-10

GETTING THE MOST OUT OF IT - DOES MEMORY BENEFIT FROM SYNERGIES OF SLEEP AND TRAINING?
FRISCH, N. ET AL. [GERMANY]

CP-AP07

Hall Bordeaux (PS 9)

Performance analyses in Sports

Chair(s):

SOURON, R. [FRANCE]

HECKSTEDEN, A. [AUSTRIA]

CP-AP07-1

PERFORMANCE ANALYSIS OF AN ELITE-LEVEL E-CYCLING COMPETITION
MILLOUR, G. ET AL. [FRANCE]

CP-AP07-2

PERFORMANCE ANALYSIS OF WOMENS EPEE IN THE 2017-2019 WORLD FENCING CHAMPIONSHIPS
HSU, J.T. ET AL. [TAIWAN]

CP-AP07-3

SINGLE AND MULTI-PUNCH PERFORMANCE ANALYSIS IN BOXING
CHENG, S.H. ET AL. [TAIWAN]

CP-AP07-4

DETECTING PUNCHES FROM MULTI-VIEWS VIDEOS DATA FOR PERFORMANCE ANALYSIS IN ELITE BOXING
VITEL, V. ET AL. [FRANCE]

CP-AP07-5

YOUNG PERFORMANCE DETERMINES THE ADULTHOOD PERFORMANCE ? A PARAMETRIC AND NON-PARAMETRIC MARKOVIAN MULTI-STATE DEVELOPMENT MODEL IN FRENCH ALPINE SKIING
DELAROCHELAMBERT, Q. [FRANCE]

CP-AP07-6

INFLUENCE OF NEUROMUSCULAR ACTIVITY AND TECHNICAL DETERMINANTS ON ROWING PERFORMANCE
PITTO, L. ET AL. [FRANCE]

CP-AP07-7

CLASSIFICATION OF MIDDLE- AND LONG-DISTANCE RUNNERS BASED ON THEIR

COMPETITION RESULTS

ILUKOV, S. [FINLAND]

CP-AP07-8

PACE STRATEGY IN THE 1500M SWIMMING IN TOKYO 2021
RUSSOMANNO, T. [BRAZIL]

CP-MH20

Hall Bordeaux (PS 10)

Health and Fitness IV

Chair(s):

ROLDAN, A. [SPAIN]

RISO, E. [ESTONIA]

CP-MH20-1

LONGITUDINAL DATA ANALYSIS INVESTIGATING THE INTERRELATIONSHIP BETWEEN AIR POLLUTION, LUNG FUNCTION, AND THE ROLE OF PHYSICAL ACTIVITY AND ASTHMA STATUS IN CHILDREN AGED 5 - 18 YEARS.
GUDZIUNAITE, S. [UNITED KINGDOM]

CP-MH20-2

EFFECTS OF NORDIC WALKING TRAINING ON FUNCTIONAL STATUS, PERCEIVED FATIGUE, AND QUALITY OF LIFE IN PEOPLE WITH MULTIPLE SCLEROSIS
LIBERALI, G. ET AL. [ITALY]

CP-MH20-3

EFFECTS OF 3-MONTH AEROBIC EXERCISE AND TAI-CHI CHUAN EXERCISE INTERVENTIONS ON MOTOR AND NON-MOTOR FUNCTIONS IN PARKINSONS DISEASE: A PRELIMINARY STUDY
CHANG, C.I. ET AL. [TAIWAN]

CP-MH20-4

ASSESSMENT OF AEROBIC CAPACITY AND MUSCLE STRENGTH OF CHRONIC KIDNEY DISEASE, HEMODIALYSIS PATIENTS AND AFTER KIDNEY TRANSPLANT
DZIUBEK, W. ET AL. [POLAND]

Conventional Print Poster Presentations

CP-MH20-5

TEST-RETEST RELIABILITY OF CARDIOPULMONARY EXERCISE TESTING IN PATIENTS WITH ATRIAL FIBRILLATION

TERADA, T. ET AL. [CANADA]

CP-MH20-6

EFFECTS OF INTRADIALYTIC COGNITIVE AND AEROBIC EXERCISE TRAINING IN HEMODIALYSIS PATIENTS: RANDOMIZED CONTROLLED STUDY

BOGATAJ, S. ET AL. [SLOVENIA]

CP-MH20-7

A SINGLE CHEMOTHERAPY ADMINISTRATION IS SUFFICIENT TO INDUCE MITOCHONDRIAL ALTERATIONS IN SKELETAL MUSCLE OF EARLY BREAST CANCER PATIENTS

MALLARD, J. ET AL. [FRANCE]

CP-MH20-8

EFFECT OF ACUTE AEROBIC EXERCISE BEFORE IMMUNOTHERAPY AND CHEMOTHERAPY INFUSION IN PATIENTS WITH METASTATIC NON-SMALL-CELL LUNG CANCER: ERICA FEASIBILITY TRIAL

GOUEZ, M. ET AL. [FRANCE]

CP-MH20-9

BREAST CANCER PATIENTS WITH CANCER-RELATED FATIGUE PRESENT SPECIFIC ELECTROMYOGRAPHIC FEATURES DURING A FATIGUING EXERCISE FROM THE TIME OF DIAGNOSIS

CHATRENET, A. ET AL. [FRANCE]

CP-MH20-10

THE IMPACT OF NUTRITION-PHYSICAL INTERVENTION ON GUT MICROBIOTA IN CHILD CANCER SURVIVORS

TKACIKOVÁ, M. ET AL. [SLOVAKIA]

CP-PN11

Hall Bordeaux (PS 11)

Physiology III

Chair(s):

FRANCHI, M. [ITALY]

COLLINS, M. [SOUTH AFRICA]

CP-PN11-1

EFFECTS OF CONCURRENT SPRINT INTERVAL TRAINING AND VELOCITY-BASED RESISTANCE TRAINING ON MUSCLE STRENGTH AND VO₂MAX: A PILOT STUDY

KIKUCHI, S. ET AL. [JAPAN]

CP-PN11-2

ASSOCIATION BETWEEN ACTN3 R577X POLYMORPHISM AND MUSCLE STRENGTH AND POWER PERFORMANCE: A SYSTEMATIC REVIEW AND META-ANALYSIS

SAITO, M. ET AL. [JAPAN]

CP-PN11-3

THE RELATIONSHIP BETWEEN INDIVIDUAL MRI-DERIVED MUSCLE GROWTH AND STRENGTH GAINS AFTER RESISTANCE TRAINING

MARQUES, E.A. ET AL. [PORTUGAL]

CP-PN11-4

ACUTE STRESS RESPONSE IN HUMAN SKELETAL MUSCLE AFTER LOW-LOAD BLOOD FLOW RESTRICTED COMPARED TO HIGH-LOAD RESISTANCE EXERCISE IN TRAINED INDIVIDUALS

TANABE, Y. ET AL. [JAPAN]

CP-PN11-5

EFFECTS OF STEPWISE LOAD REDUCTION RESISTANCE TRAINING ON POWER PERFORMANCE AND MUSCLE STRENGTH: A PILOT STUDY

MOCHIZUKI, Y. ET AL. [JAPAN]

CP-PN11-6

EFFECTS OF DIFFERENT EXERCISE DURATION ON SALIVARY IGA SECRETION AND SECRETORY REGULATING FACTOR

UCHINO, T. ET AL. [JAPAN]

CP-PN11-7

DOES MENTAL FATIGUE AFFECT REACTION TIME IN ATHLETES?

MIGLIACCIO, G.M. ET AL. [ITALY]

CP-PN11-8

DOES PRIOR MENTAL FATIGUE AFFECT SUBJECTIVE MEASURES DURING AND AFTER A CYCLING TIME TRIAL?

ARENALES ARAUZ, Y.L. ET AL. [BELGIUM]

CP-PN11-9

DO GENDER DIFFERENCES IN PERFORMANCE FATIGABILITY EMERGE AFTER NEUROMODULATION WITH THETA BURST STIMULATION?

MARTIGNON, C. ET AL. [ITALY]

CP-PN11-10

THE IMPACT OF EXHAUSTIVE EXERCISE ON BRAIN ACTIVATION AND EXECUTIVE FUNCTION

AKAZAWA, N. ET AL. [JAPAN]

CP-AP08

Hall Bordeaux (PS 12)

Statistics and Analyses

Chair(s):

MACCHI, R. [FRANCE]

LEYHR, D. [GERMANY]

CP-AP08-1

HOW CAN MACHINE LEARNING HELP PREVENT KNEE INJURIES OF EXPERIENCED ATHLETES?

LIPPS, C. ET AL. [FRANCE]

CP-AP08-2

INJURY PREDICTION USING MACHINE LEARNING BASED ON THE MONITORING OF SPRINTING ATHLETES' PERCEPTION OF PHYSICAL AND MENTAL STATES

TONDUT, J. ET AL. [FRANCE]

CP-AP08-3

THE EMERGING TRENDS AND KNOWLEDGE STRUCTURE OF SPORTS PERFORMANCE: A

SCIENTOMETRICS ANALYSIS

LUO, H. ET AL. [CHINA]

CP-AP08-4

INVESTIGATING THE TEACHING OF QUANTITATIVE DATA ANALYSIS IN UNDERGRADUATE SPORT AND EXERCISE SCIENCE-RELATED DEGREE PROGRAMMES IN UK UNIVERSITIES

TIDMARSH, G. ET AL. [UNITED KINGDOM]

CP-AP08-5

THE ASSOCIATION BETWEEN MENTAL HEALTH AND PARTICIPATORY SPORTS CONSUMPTION IN KOREANS: A CROSS-SECTIONAL STUDY

HUANG, Y.C. ET AL. [KOREA, SOUTH]

CP-AP08-6

ARE GYMNASTICS COMPETITIONS A SELF-FULFILLING PROPHECY?

LECOCQ, T. ET AL. [FRANCE]

CP-AP08-7

EFFICACY OF PRESSURE MANIPULATION TECHNIQUES IN DARTS PLAYERS - AN EXPLORATORY STUDY

FREY, S. ET AL. [SWITZERLAND]

CP-AP08-8

DROPOUT AMONG FRENCH SWIMMERS: GENDER, RELATIVE AGE EFFECT AND PERFORMANCE LEVEL INFLUENCES

DIFERNAND, A. [FRANCE]

CP-AP08-9

WHAT DO STRESS-ESTIMATION MODELS REALLY SHOW?

SCHRANZ, C. ET AL. [AUSTRIA]

CP-MH21

Hall Bordeaux (PS 13)

Health and Fitness V

Chair(s):

MAMEN, A. [NORWAY]

HUNTER, A. [UNITED KINGDOM]

CP-MH21-1

INFLUENCE OF COACHING ON EFFECTIVENESS, PARTICIPATION, AND SAFETY OF AN EXERCISE PROGRAM FOR POSTMENOPAUSAL WOMEN WITH OSTEOPOROSIS: A RANDOMIZED TRIAL

BRAGONZONI, L. ET AL. [ITALY]

CP-MH21-2

COMPARISON OF BODY COMPOSITION AND BONE MINERAL DENSITY IN UNTRAINED ELDERLY AND MASTER ENDURANCE RUNNERS

STRELECKÝ, M. ET AL. [SLOVAKIA]

CP-MH21-3

THE EUROPEAN "HAPPY BONES" PROJECT: HEALTH PROMOTION IN MENOPAUSAL WOMEN.

MORETTI, E. [ITALY]

CP-MH21-4

ATHLOME: GENETIC PREDISPOSITIONS TO OUTSTANDING ATHLETIC PERFORMANCE

DIEDHIOU, N. ET AL. [FRANCE]

CP-MH21-5

A STUDY ON THE RELATIONSHIP BETWEEN SOCIAL ADAPTATION AND FINE MOTOR SKILLS IN AUTISM

CHEN, Y. ET AL. [CHINA]

CP-MH21-6

THE CONVERGENT VALIDITY OF THE CALF CIRCUMFERENCE TO PREDICT MUSCLE MASS COMPARED TO A BIOELECTRICAL IMPEDANCE ANALYSIS IN ADULTS WITH INTELLECTUAL DISABILITIES.

DE OUDE, K.I. ET AL. [NETHERLANDS]

CP-MH21-7

THE RELEVANCE OF TENSIOLOGY-DERIVED SKELETAL MUSCLE CONTRACTILE PROPERTIES

IN SARCOPENIC AND NON-SARCOPENIC PARTICIPANTS

PUŠ, K. ET AL. [SLOVENIA]

CP-MH21-8

THE COGNITIVE AND PHYSICAL DEMAND OF A COMMERCIAL HIGH-ALTITUDE EXPEDITION

FAIRBAIRN, P. ET AL. [UNITED KINGDOM]

CP-PN12

Hall Bordeaux (PS 14)

Nutrition III

Chair(s):

PÉREZ-LÓPEZ, A. [SPAIN]

MORALES-ÁLAMO, D. [SPAIN]

CP-PN12-1

LITERATURE SCREENING OF GENETIC VARIANTS WITH RELEVANCE FOR ERGOGENIC POTENTIAL OF NUTRITIONAL SUPPLEMENTS

VANDECAUTER, J. ET AL. [BELGIUM]

CP-PN12-2

ACUTE EFFECTS OF CAFFEINE ON PHYSICAL PERFORMANCE AND LEVEL OF TECHNICAL AND TACTICAL SKILLS IN ELITE JUDO ATHLETES

KASZUBA, M. ET AL. [POLAND]

CP-PN12-3

PRELIMINARY RESULTS CONCERNING EFFECTS OF ACUTE CAFFEINE SUPPLEMENTATION ON PHYSICAL PERFORMANCE AND SLEEP IN HANDBALL PLAYERS. DOES IT DO MORE HARM THAN GOOD?

KOMAREK, Z. ET AL. [POLAND]

CP-PN12-4

EFFECT OF DIETARY NITRATE SUPPLEMENTATION ON SKELETAL MUSCLE MITOCHONDRIAL RESPIRATION PRIOR TO AND FOLLOWING SEVERE-INTENSITY EXERCISE IN HEALTHY ADULTS

ALSHARIF, N. [UNITED KINGDOM]

CP-PN12-5

ACUTE EFFECT OF BEETROOT JUICE ON PHYSIOLOGICAL RESPONSES OF WOMEN TO EXERCISE

KOSKOLOU, M.D. ET AL. [GREECE]

CP-PN12-6

EFFECTS OF 12 WEEKS OF OMEGA-3 FATTY ACID SUPPLEMENTATION IN LONG-DISTANCE RUNNERS

TOMCZYK, M. [POLAND]

CP-PN12-7

INCREASED SKELETAL MUSCLE NITRATE CONCENTRATION FOLLOWING 3 DAYS OF NITRATE SUPPLEMENTATION IS NOT INFLUENCED BY PRIOR NITRATE AVAILABILITY

BLACK, M.I. ET AL. [UNITED KINGDOM]

CP-PN12-8

EFFECT OF ARGININE-CITRULLINE SUPPLEMENT ON SKIN-GAS NITRIC OXIDE CONCENTRATION AND PERFORMANCE FOLLOWING MAXIMAL RUNNING EXERCISE

MATSUDAIRA, H. ET AL. [JAPAN]

CP-PN12-9

INFLUENCE OF MUSCLE SIZE GROUP ON THE ERGOGENIC EFFECT OF CAFFEINE ON MUSCULAR STRENGTH, POWER AND ENDURANCE

MONTALVO-ALONSO, J.J. ET AL. [SPAIN]

CP-PN12-10

CO-SUPPLEMENTATION WITH NITRATE AND RESVERATROL PREVENTS HIGH-FAT-DIET MEDIATED REDUCTIONS IN BRAIN BLOOD FLOW, BUT SURPRISINGLY DECREASES MITOCHONDRIAL RESPIRATORY CAPACITY IN THE CORTEX OF MALE MICE

DESORMEAUX, G.J. ET AL. [CANADA]

CP-BM07

Hall Bordeaux (PS 15)

Mechanics and Modelling

Chair(s):

FRÈRE, J. [FRANCE]

CHRISTIAN, M. [GERMANY]

CP-BM07-1

EFFECT OF KNEE ANGLE AND SUBMAXIMAL VOLUNTARY CONTRACTION INTENSITY ON VASTUS MEDIALIS AND VASTUS LATERALIS RIGIDITY

BOUVIER, J. ET AL. [FRANCE]

CP-BM07-2

CHARACTERISTICS OF ACUTE CARTILAGE DEFORMATION AFTER MECHANICAL LOADING IN PATIENTS WITH EARLY-MILD KNEE OSTEOARTHRITIS

OKADA, S. ET AL. [JAPAN]

CP-BM07-3

CLARIFICATION OF SOFT TISSUES ASSOCIATED TO KNEE EXTENSION LIMITATION IN PATIENTS WITH KNEE OSTEOARTHRITIS

OKADA, S. ET AL. [JAPAN]

CP-BM07-4

TISSUE COMPRESSION STIFFNESS OF LOWER LIMB MUSCLE GROUPS USING A LOW-COST DEVICE AND ITS RELATION TO OXYGEN COST WHILE RUNNING

PATERNOSTER, F.K. ET AL. [GERMANY]

CP-BM07-5

STATIC STRETCHING OF THE PECTORALIS MAJOR MUSCLE FOR 7 WEEKS INCREASES MUSCLE FUNCTION BUT HAS NO EFFECTS ON MUSCLE STIFFNESS

REINER, M. ET AL. [AUSTRIA]

CP-BM07-6

EFFECTS OF A SOFT BACK EXOSKELETON ON LUMBAR LOADING DURING A MANUAL HANDLING TASK: A PILOT SIMULATION STUDY.

FAVENNEC, A. ET AL. [FRANCE]

CP-BM07-7

POST-ACTIVATION-PERFORMANCE ENHANCEMENT: POSSIBLE CONTRIBUTING FACTORS

FISCHER, J. [AUSTRIA]

CP-BM07-8

THE EFFECTIVENESS OF A CAR-INTEGRATED MONITORING & INNOVATIVE COACHING SYSTEM ON LOWER BACK MUSCLE STIFFNESS, AND PERCEIVED DISCOMFORT AND FATIGUE DURING PROLONGED DRIVING

JULIEN, M. ET AL. [FRANCE]

CP-BM07-9

RELATIONSHIP BETWEEN ANGULAR DISPLACEMENT OF SHOULDER JOINT AND FORCE ACTING ON THE POLE IN THE POLE VAULT

KAGEYUKI, T. ET AL. [JAPAN]

CP-BM07-10

CHANGES IN GASTROCNEMIUS MUSCLE ARCHITECTURE FOLLOWING STRETCHING TRAINING: A SYSTEMATIC REVIEW WITH META-ANALYSIS

PANIDI, I. ET AL. [GREECE]

CP-MH22

Hall Bordeaux (PS 16)

Lifestyle II

Chair(s):

MARTINEZ GONZALEZ, B. [ITALY]

SONG, W. [KOREA, SOUTH]

CP-MH22-1

INDOOR ENDURANCE EXERCISE PROVOKES HIGHER AEROSOL PARTICLE EMISSION AND POSES A HIGHER RISK OF INFECTION THAN RESISTANCE EXERCISE

SCHÖNFELDER, M. ET AL. [GERMANY]

CP-MH22-2

EFFECTS OF A COMMUNITY INTERVENTION PROGRAM BASED ON CONDUCTED PHYSICAL EXERCISE AND SUPPORT NETWORKS ON

THE QUALITY OF LIFE AND THE FEELING OF COMMUNITY IN ADULT WOMEN

JIMÉNEZ DÍAZ-BENITO, V. ET AL. [SPAIN]

CP-MH22-3

PHYSICAL ACTIVITY, DAYTIME ACTIVITY AND SLEEP DURING A SPA STAY

CASTELLI, L. ET AL. [ITALY]

CP-MH22-4

LONG-TERM EFFECTIVENESS OF EXERCISE, COGNITIVE BEHAVIORAL THERAPY, AND PHARMACOTHERAPY ON IMPROVING SLEEP IN ADULTS WITH CHRONIC INSOMNIA: A SYSTEMATIC REVIEW AND NETWORK META-ANALYSIS

YU, D.J. ET AL. [CHINA]

CP-MH22-5

EXERCISE AS TREATMENT FOR DRUG USE DISORDERS: A META-ANALYSIS

DENG, X. ET AL. [CHINA]

CP-MH22-6

DOES ESPORTS PARTICIPATION BRING ABOUT AN UNHEALTHIER LIFE?

TANG, D. ET AL. [HONG KONG]

CP-MH22-7

COMBINED COGNITIVE AND PHYSICAL TRAINING FOR IMPROVED COGNITIVE AND PHYSICAL PERFORMANCE: PRELIMINARY FINDINGS FROM A RANDOMISED CONTROLLED TRIAL WITH YOUNG HEALTHY ADULTS.

SCOTT, A. ET AL. [AUSTRALIA]

CP-MH22-8

CHANGES IN TRAINING LOAD ACROSS A 12-WEEK CONCURRENT COGNITIVE AND PHYSICAL TRAINING INTERVENTION IN YOUNG, HEALTHY ADULTS (PRELIMINARY FINDINGS)

MCDICKEN, K. ET AL. [AUSTRALIA]

CP-MH22-9

FEASIBILITY, TOLERABILITY, AND PRELIMINARY EFFECTIVENESS OF A CONCURRENT COGNITIVE AND PHYSICAL TRAINING INTERVENTION IN YOUNG HEALTHY ADULTS

MARTIN, K. ET AL. [AUSTRALIA]

Conventional Print Poster Presentations

CP-MH22-10

ASSOCIATION OF BDNF RS6265 POLYMORPHISM WITH LITHUANIAN ELITE ATHLETES' STATUS
GINEVICIENE, V. ET AL. [LITHUANIA]

CP-PN13

Hall Bordeaux (PS 17)

Thermoregulation II

Chair(s):

IOANNOU, L. [SLOVENIA]

STEVENS, C. [AUSTRALIA]

CP-PN13-1

GREATER POST-EXERCISE HYPOTENSION IN HEALTHY UNTRAINED MEN AFTER EXERCISING IN THE HEAT

HORIUCHI, M. ET AL. [JAPAN]

CP-PN13-2

EFFECT OF HOT WATER IMMERSION ON TRAINING ADAPTATION FOLLOWING A 10-WEEK RESISTANCE TRAINING PROGRAMME

WILSON, L. ET AL. [UNITED KINGDOM]

CP-PN13-3

THE EFFECT OF PRE-EXERCISE HYPERHYDRATION ON EXERCISE PERFORMANCE, PHYSIOLOGICAL OUTCOMES AND GASTROINTESTINAL SYMPTOMS: A SYSTEMATIC REVIEW

JARDINE, W.T. ET AL. [AUSTRALIA]

CP-PN13-4

EFFECT OF CRYOSTIMULATION AFTER EXERCISE IN A HOT ENVIRONMENT ON THE CARDIOVASCULAR SYSTEM AND BODY TEMPERATURE

KANATANI, K. ET AL. [JAPAN]

CP-PN13-5

INTERMITTENT RUNNING IN THE HEAT ON SYNTHETIC GRASS INCREASES MARKERS OF HEAT STRESS COMPARED TO NATURAL GRASS

SINGH, G. ET AL. [AUSTRALIA]

CP-PN13-6

ICE INGESTION MAINTAINS COGNITIVE PERFORMANCE ON A REPEATED SPRINT PERFORMANCE IN THE HEAT

MAZALAN, N. [MALAYSIA]

CP-PN13-7

INTERVAL TRAINING AS A MEANS OF MAINTAINING A HIGH LEVEL OF PERFORMANCE OF ATHLETES IN CONDITIONS OF HIGH AMBIENT TEMPERATURE.

VASILEV, A.D. ET AL. [RUSSIA]

CP-PN13-8

EFFECTIVENESS OF MIXED METHOD PRECOOLING ON PERFORMANCE IN NATURALLY HEAT ACCLIMATISED TEAM-SPORT ATHLETES

BRADY, C. ET AL. [AUSTRALIA]

CP-PN13-9

HEART RATE AS AN EARLY INDICATOR OF PREDICTED CORE TEMPERATURES DURING EXERTION IN THE HEAT

DALTON, C. [SOUTH AFRICA]

CP-BM08

Hall Bordeaux (PS 18)

Walking and running

Chair(s):

FANTOZZI, S. [ITALY]

OHLENDORF, D. [GERMANY]

CP-BM08-1

DISCRIMINATION OF THE KINEMATICS FEATURES OF GAIT WITH THE POTENTIAL RISK OF TRIPPING BASED ON A MACHINE-LEARNING APPROACH

OGASAWARA, S. ET AL. [JAPAN]

CP-BM08-2

RELATION BETWEEN VISUAL EXPLORATION AND KINEMATIC SYNERGY CONTROLLING SWING FOOT WHILE CROSSING AN OBSTACLE

YAMAGATA, M. ET AL. [JAPAN]

CP-BM08-3

COGNITIVE-MOTOR INTERFERENCE DURING DUAL-TASK WALKING

WUNDERLICH, A. ET AL. [GERMANY]

CP-BM08-4

EFFECTS OF LEG LENGTH DISCREPANCY ON SPATIOTEMPORAL AND DYNAMIC GAIT PARAMETERS DURING TREADMILL WALKING

MANDALIDIS, D. ET AL. [GREECE]

CP-BM08-5

THE PROTECTIVE FIRE BOOTS ACUTELY ALTER THE GAIT PATTERN OF FIREFIGHTERS.

MARCEL-MILLET, P. ET AL. [FRANCE]

CP-BM08-6

THE JOINT ANGLE-TORQUE RELATION OF THE TOE FLEXORS IN UPRIGHT STANDING

KOYAMA, K. ET AL. [JAPAN]

CP-BM08-7

CHANGES IN MEDIAL LONGITUDINAL ARCH AND PLANTAR LOAD DURING WALKING AT DIFFERENT SPEEDS

KIUCHI, A. ET AL. [JAPAN]

CP-BM08-8

A LONGITUDINAL STUDY OF THREE-DIMENSIONAL PELVIC BEHAVIOR IN MAXIMAL SPRINT RUNNING.

OTA, K. ET AL. [JAPAN]

CP-BM08-9

MECHANICAL PROPERTIES OF LOWER EXTREMITY MUSCLE CHANGED AFTER FATIGUE AND RECOVERY USING VIBRATIONAL INSTRUMENT IN ADULTS

CHENG, K. [TAIWAN]

CP-BM08-10

KINEMATICS OF PELVIS DURING MAXIMAL SPRINT RUNNING: GENDER DIFFERENCES IN ITS RELATION TO RUNNING VELOCITY

MATSUBAYASHI, T. ET AL. [JAPAN]

CP-MH23

Hall Bordeaux (PS 19)

Physiotherapy II

Chair(s):

RODRIGUES-FERREIRA, M. [PORTUGAL]

CLIJSEN, R. [SWITZERLAND]

CP-MH23-1

EXERCISE-SPECIFIC EFFECTS ON THE MOTOR PERFORMANCE, GLYCAEMIA REGULATION AND MUSCLE HISTOLOGY OF A MOUSE MODEL OF LIMB-GIRDLE MUSCULAR DYSTROPHY R1 (CALPAINOPATHY)

MIGNOT, T. ET AL. [FRANCE]

CP-MH23-2

EFFECTS OF RESISTANCE TRAINING AS A BEHAVIOURAL PREVENTIVE MEASURE ON MUSCULOSKELETAL COMPLAINTS, MAXIMUM STRENGTH AND ERGONOMIC RISK IN DENTISTS AND DENTAL ASSISTANTS

HOLZGREVE, F. [GERMANY]

CP-MH23-3

GASTROCNEMIUS VISCOELASTIC PROPERTIES, STRENGTH, FUNCTIONAL PERFORMANCE, AND PAIN FOLLOWING ECCENTRIC EXERCISE-INDUCED SORENESS: COMPARISON OF THE EFFECTS OF VIBRATION FOAM ROLLING AND FOAM ROLLING

GONEN, I. ET AL. [TURKEY]

CP-MH23-4

BENEFICIAL EFFECTS OF POST-INJURY ICING ON SKELETAL MUSCLE REGENERATION IN A NEW INJURY MODEL WITH NECROSIS LIMITED TO A SMALL FRACTION OF MYOFIBERS IN RATS

KAWASHIMA, M. ET AL. [JAPAN]

CP-MH23-5

THE EFFECT OF FUNCTIONAL EXERCISES PERFORMED ON SLIDING PLATFORM ON THIGH MUSCLE ACTIVATION AND HIP AND KNEE FLEXION ANGLES

DEMIR, C. [TURKEY]

CP-MH23-6

BENEFITS OF INSPIRATORY MUSCLE TRAINING IN IMPROVING THE PROGNOSIS OF HEART FAILURE PATIENTS WITH LEFT VENTRICULAR EJECTION FRACTION BELOW 50% - PILOT STUDY

ROZEK-PIECHURA, K. ET AL. [POLAND]

CP-PN14

Hall Bordeaux (PS 20)

Interval Training

Chair(s):

MIGLIACCIO, G. [ITALY]

KETELHUT, S. [SWITZERLAND]

CP-PN14-1

ASSESSMENT OF HIGH-INTENSITY TRAINING LOAD AND EXERCISE-INDUCED LIPID PEROXIDATION IN PROFESSIONAL FOOTBALL PLAYERS

HOLLAND, C.R. ET AL. [UNITED KINGDOM]

CP-PN14-2

KINETICS OF PERFORMANCE FATIGABILITY DURING A SINGLE SESSION OF 8X4-MIN HIGH-INTENSITY INTERVAL TRAINING

TRIPP, T.R. ET AL. [CANADA]

CP-PN14-3

TH17 CELLS PROTECT THE LEAKY GUT FROM HIGH-INTENSITY EXERCISE-INDUCED DAMAGE IN MICE

SONG, Y. ET AL. [KOREA, SOUTH]

CP-PN14-4

THE INFLUENCE OF DOMAIN-SPECIFIC EXERCISE INTENSITY PRESCRIPTION ON CHANGES IN GUT MICROBIOTA COMPOSITION IN HEALTHY HUMANS

SALES, K.M. ET AL. [CANADA]

CP-PN14-5

REPEATED SPRINT TRAINING IN HYPOXIA INDUCES SUPERIOR GLYCOLYTIC ADAPTATIONS THAN IN NORMOXIA THROUGH S100 PROTEIN SIGNALING

LANFRANCHI, C. ET AL. [SWITZERLAND]

CP-PN14-6

EXERCISE MITIGATES REDUCTIONS IN GLUCOSE TOLERANCE, SKELETAL MUSCLE MITOCHONDRIAL FUNCTION AND PROTEIN SYNTHESIS, BUT NOT COGNITIVE FUNCTION, INDUCED BY SLEEP RESTRICTION.

SANER, N.J. ET AL. [AUSTRALIA]

CP-PN14-7

RELATIONSHIPS BETWEEN CHANGES IN PERFORMANCE RELATED-MEASURES FOLLOWING HIGH-INTENSITY INTERVAL TRAINING IN ELITE ATHLETES DERIVED VIA META-REGRESSION ANALYSES

HALLER, N. ET AL. [GERMANY]

CP-PN14-8

EFFECTS OF EXERCISE IN HYPOXIA BUT REST IN NORMOXIA DURING SPRINT INTERVAL TRAINING ON ACUTE PHYSIOLOGICAL RESPONSES AND PERFORMANCE

TAKEI, N. ET AL. [JAPAN]

CP-PN14-9

EFFECTS OF HIGH-INTENSITY INTERVAL TRAINING WITH BLOOD FLOW RESTRICTION ON CYCLING EFFICIENCY AND OXYGEN UPTAKE

DESANLIS, J. ET AL. [FRANCE]

CP-PN14-10

META-ANALYSES OF THE EFFECT OF HIGH-INTENSITY INTERVAL TRAINING ON PERFORMANCE-RELATED MEASURES IN ELITE ATHLETES

WIESINGER, H.P. ET AL. [AUSTRIA]

CP-BM09

Hall Bordeaux (PS 21)

Running

Chair(s):

FOLLAND, J. [UNITED KINGDOM]

RICE, H. [NORWAY]

CP-BM09-1

THE EFFECT OF OVERSPEED TRAINING ON LINEAR KINEMATICS IN TWO FEMALE ATHLETES – A PILOT STUDY

FOSTER, T. ET AL. [UNITED STATES]

CP-BM09-2

CORRELATION BETWEEN RUNNING SAGITTAL KINEMATICS AND SPATIOTEMPORAL GAIT CHARACTERISTICS AND RUNNING ECONOMY

LI, F. ET AL. [CHINA]

CP-BM09-3

EXAMINATION OF THE RUNNING PATTERN BELOW AND ABOVE THE VENTILATORY ANAEROBIC THRESHOLD

RODRÍGUEZ-BARBERO, S. ET AL. [SPAIN]

CP-BM09-4

HOW DOES MAXIMAL STRENGTH SPRINT AND JUMP PERFORMANCE EFFECT RESISTED SPRINT KINEMATIC VARIABLES?

OSTERWALD, K. ET AL. [IRELAND]

CP-BM09-5

LOWER-LIMB MOMENT OF INERTIA IN THE ANATOMICAL POSITION DOES NOT EXPLAIN THE INTER-INDIVIDUAL VARIATION IN O₂ COST IN TRAINED ENDURANCE RUNNERS

EDAGAWA, T. ET AL. [JAPAN]

CP-BM09-6

COMPARISON OF GROUND REACTION FORCES CHARACTERISTICS BETWEEN TWO 180-DEGREE CHANGE OF DIRECTION TECHNIQUES IN FEMALE CRICKETERS

LAUCHA, T. ET AL. [THAILAND]

CP-BM09-7

RELIABILITY OF JOINT ANGLE CALCULATION IN RUNNING MOVEMENTS USING AN INERTIAL MEASUREMENT UNIT

HAMADA, K. ET AL. [JAPAN]

CP-BM09-8

EFFECTIVENESS OF THE CARBON FIBER PLATE TRAIL SHOES ON ENERGY COST AND LOWER LIMBS IMPACT DURING A SIMULATED TRAIL RUNNING SESSION

GARCIA-VICENCIO, S. ET AL. [FRANCE]

CP-BM09-9

MUSCLE EMG ACTIVITY DISTRIBUTION BETWEEN THE HAMSTRING HEADS DURING HIGH-SPEED RUNNING IN HIGH ELITE ATHLETE WITH A HISTORY OF HAMSTRING STRAIN INJURY

GIROUX, C. ET AL. [FRANCE]

CP-BM09-10

RELATIONSHIP BETWEEN ATHLETIC PERFORMANCE AND VISCO-ELASTICITY OF THE PLANTAR FLEXOR MUSCLES REVEALED BY THE VIBRATION METHOD IN LONG-DISTANCE RUNNERS

ODA, T. ET AL. [JAPAN]

CP-MH33

Hall Bordeaux (PS 22)

Disabilities II

Chair(s):

DE PAUW, K. [BELGIUM]

CHEN, Y. [TAIWAN]

CP-MH33-1

EVENT-RELATED BRAIN POTENTIALS IN RESPONSE TO LOWER LIMB PROPRIOCEPTIVE STIMULI IN YOUNG ADULTS WITH A PROBABLE DEVELOPMENT COORDINATION DISORDER

TSENG, Y.T. ET AL. [CHINA]

CP-MH33-2

ASSOCIATION BETWEEN DIFFERENT DOMAINS OF LOWER LIMB PROPRIOCEPTION AND DYNAMIC BALANCE PERFORMANCE IN CHILDREN WITH A

DEVELOPMENTAL COORDINATION DISORDER

LIN, Y.H. ET AL. [TAIWAN]

CP-MH33-3

CONTINUOUS RELATIVE PHASES OF WALKING WITH AN ADVANCED ARTICULATED PASSIVE ANKLE-FOOT PROSTHESIS TO PROMOTE PHYSICAL ACTIVITY

CORLÛY, H. ET AL. [BELGIUM]

CP-MH33-4

THE REHABILITATION OF NEUROLOGICALLY IMPAIRED AND SPINAL CORD INJURED: EXOSKELETON (RISE) TRIAL

DUDDY, D. ET AL. [IRELAND]

CP-MH33-5

THE ACUTE EFFECT OF SELF-INDUCED UNCLASSIFIED THERAPEUTIC TREMORS ON CARDIAC AUTONOMIC RESPONSES AND INTERICTAL STATE ANXIETY SYMPTOMS IN INDIVIDUALS WITH EPILEPSY

BOTHA, A. [SOUTH AFRICA]

CP-MH33-6

TIME FOR CHANGE: TOWARDS AN ACTIVE LIFESTYLE FOR PEOPLE WITH INTELLECTUAL DISABILITIES

OPPEWAL, A. ET AL. [NETHERLANDS]

CP-MH33-7

DETERMINATION OF SECOND LACTATE THRESHOLD USING NEAR-INFRARED SPECTROSCOPY IN AN INDIVIDUAL WITH SPINAL CORD INJURY: A CASE STUDY

PRIEGO QUESADA, J. ET AL. [SPAIN]

CP-MH33-8

EFFECT OF AN EXERCISE PROGRAM ON CARDIOVASCULAR VARIABLES IN PEOPLE WITH MODERATE TO HIGH CARDIOVASCULAR RISK

MINHALMA, R. ET AL. [PORTUGAL]

CP-MH33-9

EFFECTIVENESS OF TELEREHABILITATION VERSUS FACE-TO-FACE REHABILITATION IN SUBJECTS TREATED WITH SHOULDER ARTHROSCOPY: A SYSTEMATIC REVIEW AND META-ANALYSIS

YANG, H. ET AL. [CHINA]

CP-PN15

Hall Bordeaux (PS 23)

Cardiovascular Physiology I

Chair(s):

TSOUTSOUBI, L. [SLOVENIA]

OGOHI, S. [JAPAN]

CP-PN15-1

AUSCULTATORY, PALPATORY, PHOTOPLETHYSMOGRAPHIC AND ELECTROCARDIOGRAPHIC HEART RATE RECORDING DIFFERENCES DURING REST AND SUPMAXIMAL AEROBIC AND RESISTANCE EXERCISE

PANAYIOTOU, G. ET AL. [CYPRUS]

CP-PN15-2

ACUTE EFFECTS OF DIFFERENT ANAEROBIC WORKLOADS ON PARAMETERS OF ARTERIAL STIFFNESS

LUBIAK, S. ET AL. [UNITED STATES]

CP-PN15-3

ASSOCIATIONS BETWEEN ARTERIAL STIFFNESS AND VISCERAL ADIPOSE TISSUE IN PHYSICALLY ACTIVE YOUNG-ADULTS

ANTUNES, V.A. ET AL. [UNITED STATES]

CP-PN15-4

EFFECT OF ELECTRICAL MUSCLE STIMULATION TRAINING ON ARTERIAL FUNCTION IN HEALTHY YOUNG MEN

HASHIMOTO, Y. ET AL. [JAPAN]

CP-PN15-5

EFFECTS OF HIGH-INTENSITY INTERVAL EXERCISE IN WATER ON RENAL ARTERIAL BLOOD FLOW.

ONO, K. ET AL. [JAPAN]

CP-PN15-6

CAROTID CHEMOREFLEX TONICALLY CONTRIBUTES TO SKIN BLOOD FLOW REGULATION DURING EXERCISE IN MALES AND FEMALES

PAULA-RIBEIRO, M. ET AL. [BRAZIL]

Conventional Print Poster Presentations

CP-PN15-7

THE INFLUENCE OF MATURATION AND SEX ON INTRA-CRANIAL BLOOD FLOW VELOCITIES DURING EXERCISE IN CHILDREN

DOUGLAS, A. ET AL. [UNITED KINGDOM]

CP-PN15-8

PRESERVED ENDOTHELIAL FUNCTION IN RESPONSE TO ACUTE RESISTANCE EXERCISE IN STRENGTH-TRAINED MEN IS INDEPENDENT OF CATECHOLAMINE AND ENDOTHELIN-1 RELEASES

MORISHIMA, T. ET AL. [JAPAN]

CP-PN15-9

THE ROLE OF FERROPTOSIS IN THE EFFECTS OF EXERCISE ON OBESITY-INDUCED CARDIAC FIBROSIS

CHEN, T. [CHINA]

CP-PN15-10

COMPARISON OF VASCULAR STRUCTURE AND FUNCTION BETWEEN HABITUAL OMNIVORES, VEGETARIANS AND VEGANS: AN OMNIPANT PILOT STUDY

PAGE, J. ET AL. [UNITED KINGDOM]

CP-AP13

Hall Bordeaux (PS 24)

Interventions

Chair(s):

QIU, J. [CHINA]

FRACCA, I. [ITALY]

CP-AP13-1

IMPLEMENTATION OF TAILORED ERGONOMICS TRAINING FOR THE IMPROVEMENT OF NURSES MOVEMENT BEHAVIOR DURING THE REPOSITIONING OF RESIDENTS

OTTO, A.K. ET AL. [GERMANY]

CP-AP13-2

EFFECTS OF RESISTANCE EXERCISE WITH WEARING A KF94 MASK ON PERFORMANCE, VASCULAR, AND CARDIORESPIRATORY RESPONSES

LEE, D. ET AL. [KOREA, SOUTH]

CP-AP13-3

EFFECTS OF REPEATED CRYOSTIMULATION EXPOSURES ON SLEEP AND WELLNESS IN HEALTHY SUBJECTS.

DUGUÉ, B. ET AL. [FRANCE]

CP-AP13-4

EFFECT OF CO₂ AND H₂ GAS MIXTURE IN COLD-WATER IMMERSION ON THE SCAVENGING ACTIVITY OF REACTIVE OXYGEN SPECIES AND THE WINGATE PERFORMANCE IN HIGH-INTENSITY EXERCISE.

YOSHIMURA, M. ET AL. [JAPAN]

CP-AP13-5

THE ORDER OF CONCURRENT EXERCISE AFFECTS THE DEGREE OF EXERCISE-INDUCED ACUTE COGNITIVE IMPROVEMENT

DORA, K. ET AL. [JAPAN]

CP-AP13-6

COMBINING PASSIVE ISOKINETIC EXERCISE AND ELECTROMYOSTIMULATION EFFORTLESSLY IMPROVES MUSCLE STRENGTH

OGISO, K. [JAPAN]

CP-AP13-7

ECCENTRIC CYCLING EXERCISE TRAINING ENHANCES AEROBIC/MUSCULAR FITNESS AND BIOENERGETIC EFFICIENCY OF T LYMPHOCYTES IN SEDENTARY MALES

PENG, S. [TAIWAN]

CP-AP13-8

EXERKINES RESPONSE TO A SINGLE BOUT OF EXERCISE ACCORDING TO INTENSITY IN YOUNG MEN

JI, M. ET AL. [KOREA, SOUTH]

CP-AP13-9

EFFECTS OF CAFFEINE SUPPLEMENTATION AND ZUMBA TRAINING ON FUNCTIONAL PERFORMANCES IN MIDDLE-AGED WOMEN

SAHLI, S. [TUNISIA]

CP-AP13-10

EXERCISE-INDUCED MUSCLE DAMAGE AND RECOVERY IN YOUTHS; A META-ANALYTICAL

COMPARISON

FERNANDES, J.F.T. ET AL. [UNITED KINGDOM]

CP-AP28

Hall Bordeaux (PS 25)

Female athletes

Chair(s):

FOURÉ, A. [FRANCE]

BAHDUR, K. [LUXEMBOURG]

CP-AP28-1

EFFECTS OF MENSTRUAL CYCLE ON CHEMOSENSITIVITY AND PREDICTION OF ACUTE MOUNTAIN SICKNESS

CITHERLET, T. ET AL. [SWITZERLAND]

CP-AP28-2

COMPARATIVE BIOMECHANICAL ANALYSIS BETWEEN PROFESSIONAL FEMALE SOCCER PLAYERS

NUNEZ, J. ET AL. [SPAIN]

CP-AP28-3

DECISION MAKING INFLUENCES MOVEMENT VARIABILITY AND PERFORMANCE OF ELITE FEMALE FOOTBALL PLAYERS IN A BALL RESISTANCE TASK

TUYÁ VIÑAS, S. ET AL. [SPAIN]

CP-AP28-4

DOES MUSCLE STIFFNESS MEASURED WITH SHEAR WAVE ELASTOGRAPHY VARY ACROSS THE MENSTRUAL CYCLE?

BERNSTEIN, C. ET AL. [GERMANY]

CP-AP28-5

UNDERSTANDING EXPERIENCE, KNOWLEDGE AND PERCEIVED CHALLENGES RELATED TO BRA FIT FOR SPORTS PARTICIPATION: A SCOPING REVIEW

AITKENHEAD, R. ET AL. [UNITED KINGDOM]

CP-AP28-6

PREVALENCE OF PROHIBITED SUBSTANCE USE AND METHODS BY FEMALE ATHLETES: EVIDENCE OF GENDER-RELATED DIFFERENCES

COLLOMP, K. [FRANCE]

CP-BM10

Hall Bordeaux (PS 26)

Muscle and tendon function

Chair(s):

TAKAHASHI, K. [JAPAN]

BALTZOPOULOS, B. [UNITED KINGDOM]

CP-BM10-1

ARCH-SPRING OR WINDLASS MECHANISM? THE STIFFNESS OF SPRINTERS' AND SWIMMERS' FEET: A PILOT STUDY

GOLDMANN, J.P. ET AL. [GERMANY]

CP-BM10-2

AN INITIAL EXPLORATION OF MUSCLE-TENDON UNIT PROPERTIES IN HIGHLY TRAINED FEMALE NETBALLERS AND RUNNERS

NEWBOLD, S. ET AL. [UNITED KINGDOM]

CP-BM10-3

ALTERED MUSCLE AND TENDON FUNCTION OF THE MEDIAL AND LATERAL GASTROCNEMIUM IN INDIVIDUALS WITH ACHILLES TENDINOPATHY DURING WALKING

PÉTER, A. ET AL. [FINLAND]

CP-BM10-4

THREE-DIMENSIONAL DEVELOPMENTAL ASPECTS OF THE PECTORALIS MAJOR AND DELTOID MUSCLES IN SHOT PUTTERS.

HASHIMOTO, S. ET AL. [JAPAN]

CP-BM10-5

RELATIONSHIP BETWEEN THE SHEAR MODULUS OF THE QUADRICEPS AND GASTROCNEMIUM MUSCLES AND THE HEIGHT OF THE DROP JUMP IN BASKETBALL ATHLETES

BRANDÃO, M.C.A. ET AL. [BRAZIL]

CP-BM10-6

EXAMINATION OF THE ACTION OF THE ILIOTIBIAL BAND – FOCUSING ON CHANGES IN SHEAR ELASTIC MODULUS DUE TO MUSCLE ELONGATION

ITSUDA, H. ET AL. [JAPAN]

CP-BM10-7

FINITE ELEMENT ANALYSIS TO PREDICT THE EFFECTS OF ACHILLES TENDON GEOMETRY ON RUPTURE OR TENDINOPATHY

ENOMOTO, S. ET AL. [JAPAN]

CP-BM10-8

MEASUREMENT OF MUSCLE-TENDON LENGTH USING 3D ULTRASOUND: VALIDATION OF OPENSIM MODEL AND DEVELOPMENT OF PERSONALIZED MODELS

GUENANTEN, H. ET AL. [FRANCE]

CP-BM10-9

REGIONAL DIFFERENCE IN MUSCLE ELONGATION TO COMPRESSION DURING STRETCHING.

MUKAI, H. ET AL. [JAPAN]

CP-BM10-10

CHARACTERISTICS OF MUSCLE STIFFNESS DURING ISOMETRIC CONTRACTION AND RELAXATION BY SHEAR WAVE ELASTOGRAPHY

OHTAKA, C. ET AL. [JAPAN]

CP-AP14

Hall Bordeaux (PS 27)

Endurance Training

Chair(s):

NICOL, C. [FRANCE]

STOIAN, I. [ROMANIA]

CP-AP14-1

CHANGES IN CARDIORESPIRATORY FITNESS FOLLOWING EXERCISE TRAINING PRESCRIBED RELATIVE TO PHYSIOLOGICAL THRESHOLDS AND TO TRADITIONAL INTENSITY ANCHORS: A META-ANALYSIS OF INDIVIDUAL PARTICIPANT DATA

MEYLER, S. ET AL. [UNITED KINGDOM]

CP-AP14-2

CHANGES IN THE MAXIMAL RATE OF HEART RATE INCREASE IN RESPONSE TO OVERLOAD TRAINING ARE LINEARLY RELATED TO SUBSEQUENT CHANGES IN EXERCISE PERFORMANCE

BURGESS, S. ET AL. [AUSTRALIA]

CP-API4-3

THE RELATIONSHIP BETWEEN RUNNING ECONOMY AND RUNNING PERFORMANCE AND STRIDE PARAMETERS

OGAWA, K. ET AL. [JAPAN]

CP-API4-4

INFLUENCE OF STRIKE PATTERN ON RUNNING ECONOMY IN RUNNERS OF DIFFERENT ABILITIES
GÓMEZ GARCÍA-OCHOA, M. ET AL. [SPAIN]

CP-API4-5

THE ACUTE EFFECT OF HIGH-INTENSITY TRACK RUNNING ON NON-LINEAR ANALYSIS OF HEART RATE VARIABILITY

VAN RASSEL, C.R. ET AL. [CANADA]

CP-API4-6

DECREMENTAL EXERCISE PROTOCOL AS A TRAINING STIMULUS: MORE OR LESS EFFICIENT THAN TRADITIONAL HIGH-INTENSITY INTERVAL TRAINING?

BELTRAMI, F. ET AL. [SWITZERLAND]

CP-API4-7

RESTRICTED NASAL-ONLY BREATHING STIMULATES VENTILATORY EFFICIENCY DURING LOW INTENSITY TRAINING BUT DOES NOT AVOID TRAINING INTENSITY FLUCTUATION

RAPPELT, L. ET AL. [GERMANY]

CP-API4-8

EFFECT OF HYPOBARIC "LIVE HIGH – TRAIN LOW" TRAINING ON BLOOD PARAMETERS IN ELITE TRACK CYCLISTS.

BLOKKER, T. ET AL. [SWITZERLAND]

CP-API4-9

AMATEUR FEMALE ATHLETES PERFORM THE RUNNING SPLIT OF A TRIATHLON RACE AT A HIGHER RELATIVE INTENSITY THAN THE MALE ATHLETES: A CROSS-SECTIONAL STUDY
FERNANDES, G. [BRAZIL]

CP-API4-10

100 000 STEPS DAILY FOR MORE THAN A YEAR: MORPHOLOGICAL AND FUNCTIONAL (DIS)ADAPTATIONS OVER AN EXTREME

ULTRARUNNING CHALLENGE

VENCKUNAS, T. ET AL. [LITHUANIA]

CP-BM11

Hall Bordeaux (PS 28)

Neuromuscular Physiology I

Chair(s):

BAUDRY, S. [BELGIUM]

PLACE, N. [SWITZERLAND]

CP-BM11-1

NEURAL ADJUSTMENTS DURING REPEATED BRAKING AND THROTTLE ACTIONS ON A MOTORCYCLE SETUP

MARINA, M. ET AL. [SPAIN]

CP-BM11-2

DOES EXTRA FORCE OCCUR DURING WIDE-PULSE, HIGH-FREQUENCY NEUROMUSCULAR STIMULATION ON WRIST FLEXORS COMPARED WITH CONVENTIONAL STIMULATION ?

EON, P. [FRANCE]

CP-BM11-3

CORTICOSPINAL EXCITABILITY OF THE TRICEPS BRACHII FOLLOWING HIGH-VELOCITY CONCENTRIC CONTRACTIONS: EXTENDING OUR UNDERSTANDING OF PERFORMANCE FATIGABILITY

HA, P.L. ET AL. [CANADA]

CP-BM11-4

COMPARISON OF SIMULATED AND ACTUAL TRAIL RUNNING RACES ON NEUROMUSCULAR FUNCTION IN TRAIL RUNNERS

PANTONG, S. ET AL. [THAILAND]

CP-BM11-5

POST-ACTIVATION POTENTIATION AND POTENTIATED MOTOR UNIT FIRING PATTERNS IN THE VASTUS LATERALIS AMONG BOYS AND MEN
MCKIEL, A. ET AL. [CANADA]

CP-BM11-6

SOLEUS RESPONSES TO TRANSCUTANEOUS SPINAL CORD STIMULATION SHOW SIMILAR CHANGES THAN H-REFLEX IN RESPONSE TO TENDON VIBRATION

GRAVHOLT, A. ET AL. [FRANCE]

CP-BM11-7

EFFECTS OF TIME-OF-DAY ON MOTOR UNIT FIRING AND MUSCLE CONTRACTILE PROPERTIES IN HUMAN

IGAWA, K. ET AL. [JAPAN]

CP-BM11-8

STIMULATION FREQUENCY: SHOULD WE GO BEYOND WHAT'S NATURAL?

PAISH, A.D. ET AL. [CANADA]

CP-BM11-9

ECCENTRIC CYCLING AT DIFFERENT PEDALLING CADENCES LEADS TO SIMILAR NEUROMUSCULAR ALTERATIONS BUT DISTINCT PERCEIVED RESPONSES

MATER, A. ET AL. [FRANCE]

CP-BM11-10

SEX-DIFFERENCES IN PERFORMANCE-RELATED VARIABLES DURING A MAXIMAL INTERMITTENT SQUAT TEST PERFORMED ON A FLYWHEEL DEVICE
SALSE-BATÁN, J. ET AL. [SPAIN]

CP-API5

Hall Bordeaux (PS 29)

Individual Sports

Chair(s):

MÖLLER, F. [GERMANY]

SIEGLER, J. [UNITED STATES]

CP-API5-1

EARLY DEVELOPMENT IN YOUTH SWIMMING? A CATEGORISATION OF MATURITY STATUS AND RELATIVE AGE EFFECTS

CRAMER, L. ET AL. [GERMANY]

CP-API5-2

PHASE ANGLE IS A PREDICTOR OF PERFORMANCE IN SWIMMING

MATIAS, C.N. ET AL. [PORTUGAL]

CP-API5-3

THE RELATIONSHIP BETWEEN LOAD-VELOCITY PROFILES AND SPATIOTEMPORAL PARAMETERS IN ELITE 100 M AND 200 M FREESTYLE SWIMMERS
RAINETAU, Y. ET AL. [FRANCE]

CP-API5-4

VALIDATING LABORATORY-BASED EXERCISE TESTING FOR SPORT-SPECIFIC PERFORMANCE IN RECREATIONAL SCUBA-DIVING
CETIN, D. ET AL. [GERMANY]

CP-API5-5

THE PERFORMANCE EFFECT OF AGE ON IRONMAN HAWAII MALE AND FEMALE AMATEUR TRIATHLETES

PUCCINELLI, P. ET AL. [BRAZIL]

CP-API5-6

IMAGERY AND PERFORMANCE DURING JUMPS IN WOMEN'S ARTISTIC GYMNASTICS: PRELIMINARY FINDINGS

VEIT, J. ET AL. [GERMANY]

CP-API5-7

EFFECT OF CLASSICAL MUSIC ON BALANCE, EMOTIONAL STATE AND PERCEIVED EFFORT ON YOUNG PRECOMPETITIVE ARTISTIC GYMNAST AND TRAMPOLINE ATHLETES

DALLAS, G. ET AL. [GREECE]

CP-API5-8

A STUDY OF ARRANGEMENT OF SIDE DISHES IN BENTO BOXES FAVORED BY JAPANESE AESTHETIC ATHLETES

FUKUDOME, Y. [JAPAN]

CP-API5-9

MUSCULAR ACTIVATION DURING THE DEMI-PLIÉ MOVEMENT IN ITS DIFFERENT ROLES IN CLASSICAL BALLET

QUADRADO, V. ET AL. [PORTUGAL]

CP-API5-10

THE ACCLIMATION PROCESS OF THE PORTUGUESE RACE-WALKING TEAM IN PREPARATION FOR THE TOKYO 2020 OLYMPIC GAMES

CUPIDO SANTOS, A. ET AL. [PORTUGAL]

CP-BM12

Hall Bordeaux (PS 30)

Sports Biomechanics I

Chair(s):

NIKODELIS, T. [GREECE]

MORNEUX, G. [FRANCE]

CP-BM12-1

KINEMATICAL DIFFERENTS BETWEEN HEALTHY AND SHOULDER-INJURED SOFTBALL PLAYERS
ZINNO, R. ET AL. [ITALY]

CP-BM12-2

AN EMPIRICAL STUDY OF HOW TASK CONSTRAINTS CAN INFLUENCE THE INTERPRETATION OF FUNCTION
KIMURA, A. [JAPAN]

CP-BM12-3

THE INFLUENCE OF THE FORCE-VELOCITY MECHANICAL PROPERTIES OF UPPER LIMB ON THROWING PERFORMANCE IN YOUNG EXPERIENCED HANDBALL PLAYERS

ZHANG, Q.S. ET AL. [FRANCE]

CP-BM12-4

AN ANALYSIS OF KINEMATIC DIFFERENCE BETWEEN SUCCESSFUL HURDLE STEP AND BAULK IN 3M SPRINGBOARD DIVING

PARK, J. ET AL. [KOREA, SOUTH]

CP-BM12-5

KINEMATIC PROPERTIES OF JUDO ATHLETES WHEN PERFORMING THE THROWING TECHNIQUE UCHIMATA.

MATSUI, T. [JAPAN]

Conventional Print Poster Presentations

CP-BM12-6
FIXING THE FIRST BOUNCE IN TABLE TENNIS SERVE
KUO, C.Y. ET AL. [TAIWAN]

CP-API6

Hall Bordeaux (PS 31)

Resistance Training I

Chair(s):
BAUDRY, S. [BELGIUM]
MORALES-ARTACHO, A. [FRANCE]

CP-API6-1
DO EXISTING METHODOLOGIES ALLOW
EQUALIZATION OF RESISTANCE TRAINING
PROTOCOLS?
DESGORCES, F.D. ET AL. [FRANCE]

CP-API6-2
EFFECT OF REDUCED BALLISTIC TRAINING
FREQUENCY ON UPPER BODY MUSCLE POWER,
AFTER 12 WEEKS OF SYSTEMATIC BALLISTIC
TRAINING
MPAMPOULIS, T. ET AL. [GREECE]

CP-API6-3
COMPARISON BETWEEN VOLUME LOAD
PROGRESSION MODELS IN RESISTANCE TRAINING
ON MUSCLE HYPERTROPHY: A RANDOMIZED
CONTROLLED TRIAL
LIBARDI, C.A. ET AL. [BRAZIL]

CP-API6-4
ACUTE IMPACT OF BLOOD FLOW RESTRICTION ON
STRENGTH-ENDURANCE PERFORMANCE AND
TRICEPS BRACHII MUSCLE STIFFNESS DURING THE
BENCH PRESS EXERCISE IN PHYSICALLY ACTIVE
WOMEN
LATOCHA, A. ET AL. [POLAND]

CP-API6-5
SPATIOTEMPORAL DIFFERENCES ASSOCIATED
WITH VERTICAL AND HORIZONTAL JUMPS IN ELITE
ATHLETES.
MONTORO-BOMBÚ, R. ET AL. [PORTUGAL]

CP-API6-6
EXPLORING THE ACUTE AFFECTIVE RESPONSES
TO RESISTANCE TRAINING: A COMPARISON
OF THE PREDETERMINED AND THE ESTIMATED
REPETITIONS TO FAILURE APPROACHES
SCHWARTZ, H. ET AL. [ISRAEL]

CP-API6-7
SIX WEEKS OF UNILATERAL FLYWHEEL HIP
EXTENSION AND LEG CURL TRAINING IMPROVES
FLYWHEEL ECCENTRIC PEAK POWER BUT DOES
NOT ENHANCE HAMSTRING ISOKINETIC OR
ISOMETRIC STRENGTH.

DE KEUZER, K.L. ET AL. [UNITED KINGDOM]

CP-API6-8
EFFECTS OF 8-WEEK HIGH-VELOCITY RESISTANCE
TRAINING ON MUSCLE PROPERTIES AND MUSCLE
FUNCTION: A RANDOMIZED CONTROLLED TRIAL
WANG, Z. ET AL. [JAPAN]

CP-MH03

Hall Bordeaux (PS 32)

Disabilities I

Chair(s):
HETTINGA, F. [UNITED KINGDOM]
HERMSDÖRFER, J. [GERMANY]

CP-MH03-1
NEUROMUSCULAR RESPONSIVENESS DURING
ACHILLES TENDON VIBRATION WHILE STANDING,
IN RELATION WITH THE WALKING CAPACITY OF
CHILDREN WITH CEREBRAL PALSY
PATIKAS, D.A. ET AL. [GREECE]

CP-MH03-2
BEYOND THE LUNGS: CAN O₂ SUPPLEMENTATION
BE BENEFICIAL FOR CEREBRAL OXYGENATION
AND FATIGUE DURING EXERCISE IN FIBROTIC
INTERSTITIAL LUNG DISEASE?

MARILLIER, M. ET AL. [FRANCE]

CP-MH03-3
THE USE OF THE SIX-MINUTE WALK TEST
(6-MWT) TO SCREEN FOR SYMPTOMS OF

ACUTE MOUNTAIN SICKNESS AND PREDICT
SUSCEPTIBILITY DURING A LONG-TERM
EXPOSURE IN NORMOBARIC HYPOXIA.
WILLMOTT, A. ET AL. [UNITED KINGDOM]

CP-MH03-4
STRENGTH TRAINING OF THE LOWER EXTREMITIES
MAY HAVE LARGER BENEFICIAL EFFECTS ON
BRAIN HEALTH IN OLDER ADULTS WITH MCI THAN
IN COGNITIVELY UNIMPAIRED OLDER ADULTS
LEVIN, O. [BELGIUM]

CP-MH03-5
THE EFFECT OF ROBOTIC WALKING ON SPASTICITY,
PAIN, AND QUALITY OF LIFE IN INDIVIDUALS
WITH CHRONIC SPINAL CORD INJURY: A PILOT
RANDOMISED CONTROLLED TRIAL
ALBERTUS, Y. [SOUTH AFRICA]

CP-MH03-6
IMPACT OF EXERCISE ON CARDIOPULMONARY
AND VASCULAR HEALTH IN OLDER ADULTS
WITH INTELLECTUAL DISABILITY: A 6-MONTH
RANDOMIZED PILOT STUDY
OVIEDO, G.R. ET AL. [SPAIN]

CP-MH03-7
THE EFFECTS OF PRESCRIBED EXERCISE ON THE
PHYSICAL AND COGNITIVE HEALTH OF ADULTS
WITH DOWN SYNDROME
GORDON, D. ET AL. [UNITED KINGDOM]

CP-MH03-8
EFFECT OF HATHA YOGA IN PATIENTS WITH
EATING DISORDERS: A CLINICAL STUDY.
TOUTAIN, M. ET AL. [FRANCE]

CP-MH03-9
CARDIAC AUTONOMIC MODULATION
AND FITNESS RESPONSES TO A 6-MONTH
MULTICOMPONENT SPRINT INTERVAL TRAINING
INTERVENTION IN OLDER ADULTS WITH
INTELLECTUAL DISABILITY: A RANDOMIZED
CONTROL TRIAL
FONT-FARRÉ, M. ET AL. [SPAIN]

CP-MH03-10
VERTICAL CENTER-OF-MASS BRAKING AND
MOTOR PERFORMANCE DURING GAIT INITIATION

IN HEALTHY ADULTS AND PARKINSON'S DISEASE
PATIENTS: A COMPARISON BETWEEN FORCE-
PLATE AND MARKERLESS MOTION CAPTURE
SYSTEM
SIMONET, A. ET AL. [FRANCE]

CP-API7

Hall Bordeaux (PS 33)

Team Sports I

Chair(s):
PETRIDIS, L. [HUNGARY]
WAGNER, H. [AUSTRIA]

CP-API7-1
ACUTE EFFECTS OF A PRE-SEASON SPEED
TRAINING PROGRAM ON SAND VS. HARD COURT
IN PROFESSIONAL BASKETBALL PLAYERS
RAASCH, K. ET AL. [GERMANY]

CP-API7-2
CHANGES IN COUNTERMOVEMENT VERTICAL
JUMP PERFORMANCE METRICS DURING A
PROFESSIONAL MEN'S BASKETBALL GAME
CABARKAPA, D. ET AL. [UNITED STATES]

CP-API7-3
ANTHROPOMETRY AND BODY COMPOSITION IN
ELITE YOUNG BASKETBALL PLAYERS ACCORDING
TO THEIR MATURITY STATUS

MAURO, M. ET AL. [ITALY]

CP-API7-4
ATHLETIC PERFORMANCE DEVELOPMENT IN
ADOLESCENT VOLLEYBALL PLAYERS IN SPORT
ACADEMY
KISLEV-COHEN, R. ET AL. [ISRAEL]

CP-API7-5
THE INFLUENCE OF STRENGTH LEVEL ON SPORT-
SPECIFIC SKILLS BETWEEN STRONGER AND
WEAKER PROFESSIONAL HANDBALL PLAYERS
KYRIACOU-ROSSI, A. ET AL. [CYPRUS]

CP-API7-6
DEVELOPMENT OF THE KOREA HANDBALL
ACADEMY PHYSICAL FITNESS TEST MODEL FOR
YOUTH HANDBALL PLAYERS
PARK, S. ET AL. [KOREA, SOUTH]

CP-API7-7
RELATIONSHIP BETWEEN RATE OF FORCE
DEVELOPMENT (RFD) AND REACTIVE FORCE (RSI)
WITH THE RISK OF INJURIES AND REHABILITATION
PROCESS IN HANDBALL: A SYSTEMATIC REVIEW.
CARRASCO-FERNÁNDEZ, L. ET AL. [SPAIN]

CP-API7-8
PHYSIOLOGICAL AND BIOMECHANICAL LOADS IN
SMALL SIDED FIELD HOCKEY GAMES
WILMES, E. ET AL. [NETHERLANDS]

CP-API7-9
DYNAMICS OF TRAINING AND COMPETITION
DEMANDS IN TOP-CLASS MALE RINK HOCKEY:
A CASE STUDY OF THE 2021 RINK HOCKEY
EUROPEAN CHAMPIONSHIP
ANTÓNIO, F. ET AL. [PORTUGAL]

CP-API7-10
PLAYING POSITION EFFECTS ON TECHNICAL AND
PERFORMANCE CHARACTERISTICS IN MALE
FUTSAL PLAYERS
SOUGLIS, A. ET AL. [GREECE]

CP-SH06

Hall Bordeaux (PS 34)

Sport psychology I

Chair(s):
LEE, D. [HONG KONG]
HUNG, T. [TAIWAN]

CP-SH06-1
EXPLORING THE INTERPLAY BETWEEN ELITE
ATHLETES AND SPORT EQUIPMENT IN THE QUEST
FOR PERFORMANCE: A CASE STUDY IN SAILING
TERRIEN, E. ET AL. [FRANCE]

CP-SH06-2

QUALITATIVE AND QUANTITATIVE RESEARCH FOR SPORTSPERSONSHIP OF UNIVERSITY STUDENT-ATHLETES

OSADA, T. ET AL. [JAPAN]

CP-SH06-3

THE TRANSFORMATIONAL PROCESS IN ATHLETES WHEN LONG-TERM COUNSELING LEADS TO IMPROVED PERFORMANCE AND PERSONALITY DEVELOPMENT

OKUDA, A. ET AL. [JAPAN]

CP-SH06-4

ACCEPTANCE BY COACHES OF IMMERSIVE VIRTUAL REALITY FOR IMPROVING SPORT PERFORMANCE

DEVRIÈSE-SENCE, A. ET AL. [FRANCE]

CP-SH06-5

EFFECTS OF SIDE-BY-SIDE PARTNER ON ENJOYMENT AND SPEED IN SELF-PACED TREADMILL RUNNING

HOSHINO, S. ET AL. [JAPAN]

CP-SH06-6

POSITIVE IMPACT OF SPORTS EXPERIENCES ON WORKPLACE PERFORMANCE: A STUDY OF FORMER ATHLETES AND THEIR MANAGERS IN JAPAN

NAMIKI, N. ET AL. [JAPAN]

CP-SH06-7

MIRROR, MIRROR, AM I THE BEST PLAYER AT ALL? DEVELOPMENT OF PSYCHOMETRIC INSTRUMENTS ASSESSING FANTASY PRONENESS AND DEFLATED REALITY IN SPORT

ZHANG, S. ET AL. [UNITED KINGDOM]

CP-SH06-8

INTEGRATIVE PROPERTIES OF SUBJECTIVE VERSUS OBJECTIVE SPORTS MONITORING

MONTULL, L. ET AL. [SPAIN]

CP-SH06-9

THE CONSTRUCTION AND VALIDATION OF THE CHARTING PHYSICAL LITERACY JOURNEY MATRIX:

A PILOT STUDY

CHOI, S.M. ET AL. [HONG KONG]

CP-AP18

Hall Bordeaux (PS 35)

Football I

Chair(s):

GIRARD, O. [AUSTRALIA]

NIEUWENHUY, A. [NEW ZEALAND]

CP-AP18-1

INFLUENCE OF REDUCED FIELD AREA ON TACTICAL BEHAVIOUR IN 11VS11 FOOTBALL PRACTICE GAMES

WITTKUGEL, J. ET AL. [GERMANY]

CP-AP18-2

CHANGE OF DIRECTION AND CHANGE OF DIRECTION DEFICIT IN DANISH ELITE FEMALE AND MALE SOCCER PLAYERS PERFORMING 505 AND ARROWHEAD TESTS

FRANCH, J. ET AL. [DENMARK]

CP-AP18-3

TRAINING AIMS FOR SMALL-SIDED GAMES: THE EFFECTS ON SMALL-SIDED GAME DESIGN AND LOCOMOTOR DEMANDS IN WOMEN'S ACADEMY SOCCER

OLTHOF, S. ET AL. [UNITED KINGDOM]

CP-AP18-4

DIFFERENTIAL EFFECTS OF SMALL-SIDED GAME LOAD ON NEUROMUSCULAR AND PERCEPTUAL-COGNITIVE PERFORMANCE OF YOUTH SOCCER PLAYERS

SKALA, F. ET AL. [SLOVAKIA]

CP-AP18-5

TRAINING LOAD COMPARISON BETWEEN SMALL, MEDIUM, AND LARGE-SIDED GAMES IN PROFESSIONAL FOOTBALL

BEATO, M. [UNITED KINGDOM]

CP-AP18-6

ASSESSING THE INDIVIDUAL RELATIONSHIP BETWEEN PHYSICAL FITNESS IMPROVEMENTS AND EXTERNAL LOAD MATCH PERFORMANCE IN MALE PROFESSIONAL FOOTBALL PLAYERS – A CASE STUDY

SPENCER, M. ET AL. [NORWAY]

CP-AP18-7

PHYSICAL PERFORMANCE DIFFERENCES BETWEEN GROUP AND FINAL STAGES IN THE 2022 FIFA WORLD CUP

CAVACA, M.L. ET AL. [PORTUGAL]

CP-AP18-8

PREVALENCE OF POOR SLEEP QUALITY, SLEEPINESS, AND INSUFFICIENT SLEEP DURATION IN SOCCER PLAYERS

CUNHA, L.A. ET AL. [PORTUGAL]

CP-AP18-9

INTERSTATE TRAVEL HAS MINIMAL IMPACT ON MEAN AND INDIVIDUAL SLEEP VARIABILITY IN ELITE MALE AUSTRALIAN FOOTBALLERS

SPENCE, A.L. ET AL. [AUSTRALIA]

CP-SH07

Corridor Rooms 341 - 343 (PS 36)

Sociology and management II

Chair(s):

SVENSSON, D. [SWEDEN]

RADZISZEWSKI, S. [CANADA]

CP-SH07-1

ENVIRONMENTAL CHALLENGES, OBSTACLES AND WISHES IN EQUESTRIAN SPORTS: CONSUMPTION, LACK OF POWER, AND KNOWLEDGE

SÄTRE, A. ET AL. [SWEDEN]

CP-SH07-2

ATTITUDES TO ENVIRONMENTAL CHANGE IN EQUESTRIAN SPORTS

KRONBORG, M. [NORWAY]

CP-SH07-3

ANALYSIS OF TENNIS CADDIES CULTURE

LIU, L.H. ET AL. [CHINA]

CP-SH07-4

GENDER-EQUAL ON THE COURT. THE VALUE SYSTEM OF FEMALE AND MALE KORFBALL PLAYERS

WAWRZYNIAK, S. ET AL. [POLAND]

CP-SH07-5

GENDER-SPECIFIC CHARACTERISTICS OF PHYSICAL PERFORMANCE DURING SPEED AND STRENGTH EXERCISES

NAGORNA, V. ET AL. [SWITZERLAND]

CP-SH07-6

META-SYNTHESIS OF WOMEN'S EXPERIENCES OF GENDER-BASED INTERPERSONAL VIOLENCE IN SPORT

FORSDIKE, K. [AUSTRALIA]

CP-AP19

Corridor Rooms 341 - 343 (PS 37)

Paralympics

Chair(s):

JONVIK, K. [NORWAY]

HUGUES, X. [FRANCE]

CP-AP19-1

UPPER LIMB STRENGTH ASYMMETRY ON A BALLISTIC ERGOMETER BETWEEN SEATED PARALYMPIC ATHLETES AND ABLE-BODIED ATHLETES

BRASSART, F. ET AL. [FRANCE]

CP-AP19-2

EPIDEMIOLOGICAL STUDY OF SPORTS INJURIES OF CHINESE WINTER PARALYMPIC ATHLETES IN DAILY TRAINING

CAN, G. ET AL. [CHINA]

CP-AP19-3

DEVELOPMENT OF IMU SYSTEM FOR MEASURING 100-M RACING WHEELCHAIR KINEMATICS

SUWANMANA, S. ET AL. [THAILAND]

CP-AP19-4

DIETARY INTAKE AND SERUM VITAMIN D LEVELS AMONG WHEELCHAIR USERS WITH INITIAL LOW BONE MINERAL DENSITY

MOBERG, E. ET AL. [NORWAY]

CP-AP19-5

SLEEP IN PARALYMPIC ATHLETES AND ITS RELATIONSHIP WITH INJURIES AND ILLNESSES

SILVA, A. ET AL. [BRAZIL]

CP-AP19-6

HANDCYCLING WITH CONCURRENT LOWER BODY LOW-FREQUENCY ELECTROMYOSTIMULATION INCREASES ACUTE OXYGEN UPTAKE IN ELITE WHEELCHAIR BASKETBALL PLAYERS: AN ACUTE CROSSOVER TRIAL

MICKE, F. ET AL. [GERMANY]

CP-AP19-7

A STATISTICAL APPROACH TO SELECT WHICH PLAYERS TO PUT ON THE FIELD DURING A WHEELCHAIR BASKETBALL CHAMPIONSHIP.

CAVEDON, V. [ITALY]

CP-AP19-8

THE EFFECTS OF PRE-COOLING ON CORE TEMPERATURES AND PHYSIOLOGICAL INDICATORS IN BLIND MARATHON RUNNERS USING ICE SLURRY INGESTION - A CASE STUDY OF JAPANESE ELITE ATHLETES

NAKAMURA, M. ET AL. [JAPAN]

CP-AP19-9

QUANTIFICATION OF PULLING FORCE DURING A INCREMENTAL ROWING TEST IN PARA-ATHLETES: PILOT STUDY

PRADON, D. ET AL. [FRANCE]

CP-AP19-10

VALIDITY AND RELIABILITY OF PREDICTION EQUATIONS BASED ON ANTHROPOMETRIC INDICES TO ESTIMATE BODY COMPOSITION IN

Conventional Print Poster Presentations

ATHLETES WITH AN AMPUTATION
RIVERA-AMÉZQUITA, L.V. ET AL. [COLOMBIA]

CP-SH08

Corridor Rooms 341 - 343 (PS 38)

Coaching

Chair(s):
LI, Y. [CHINA]
STOTER, I. [NETHERLANDS]
CP-SH08-1

HOW IS MUSCLE TYPOLOGY ESTIMATED AND USED IN SPORT SCIENCE PRACTICE? A QUESTIONNAIRE IN 446 COACHES.
LIEVENS, E. ET AL. [BELGIUM]

CP-SH08-2
TALENT SELF-ORIENTATION IN YOUTH SOCCER
ZHAO, K. [CHINA]

CP-SH08-3
THE EFFECT OF THE GOSEONG-GUN SOOMCHI COMPLEX MARINE HEALING PROGRAM ON IMPROVING LUNG HEALTH
SHIN, J. [KOREA, SOUTH]

CP-SH08-4
HOW VARIABILITY COULD SHAPE PERCEPTUAL-MOTOR EXPERTISE IN 4X100 M RELAY?
EGIZIANO, M. ET AL. [FRANCE]

CP-SH08-5
FEMALE ATHLETE CONSIDERATIONS: IMPROVING COACH KNOWLEDGE AND CONFIDENCE VIA AN ONLINE SHORT COURSE
CLARKE, A. ET AL. [AUSTRALIA]

CP-SH08-6
TO AGREE UPON VOCABULARY FOR THE GENERAL ADAPTATION SYNDROME AND SUPERCOMPENSATION MODELS
GARLAND, S.W. [SWEDEN]

CP-SH08-7
DISCREPANCIES BETWEEN INTENDED AND ACTUAL TRAINING LOAD – REASONS AND IMPLICATIONS FOR PERCEIVED STRESS AND RECOVERY
OTTER, R.T.A. ET AL. [NETHERLANDS]

CP-SH08-8
DIFFERENCES IN PROFICIENCY LEVEL OF THE STRADDLE VAULT MOVEMENT IN JAPANESE ELEMENTARY SCHOOL CHILDREN
SANO, T. [JAPAN]

CP-SH08-9
THE EFFECT OF AN 8-WEEK STRUCTURED FOOTBALL TRAINING PROGRAMME ON SELF=PERCEIVED LEVELS OF SKILL, PSYCHOLOGICAL AND PHYSICAL ACTIVITY RELATED MEASURES IN HONG KONG BOYS
OREILLY, J. ET AL. [HONG KONG]

CP-SH08-10
EXPLORING THE USE OF STORIES TO TRANSLATE KNOWLEDGE ABOUT SELF-REGULATORY PROCESSES DURING GOAL STRIVING IN RUNNING
JACKMAN, P.C. ET AL. [UNITED KINGDOM]

CP-MH16

Corridor Rooms 351 - 353 (PS 39)

Ageing II

Chair(s):
BONATO, M. [ITALY]
BAMPOURAS, T. [UNITED KINGDOM]
CP-MH16-1

EFFECTS OF TAI CHI AND CONVENTIONAL EXERCISE ON SUBJECTIVE SLEEP PARAMETERS IN OLDER ADULTS WITH CHRONIC INSOMNIA AND DEPRESSIVE SYMPTOMS: PRELIMINARY RESULTS OF A RANDOMIZED CONTROLLED TRIAL
RECCHIA, F. ET AL. [HONG KONG]

CP-MH16-2
ACUTE EFFECTS OF ECCENTRIC VERSUS CONCENTRIC EXERCISES ON EXECUTIVE

FUNCTION OF OLDER ADULTS
HUANG, M. ET AL. [TAIWAN]

CP-MH16-3
ACUTE PROGRESSIVE WHEELED MOTORIZED SLED-PUSH EXERCISE IN OLDER ADULTS: FEASIBILITY AND PHYSIOLOGICAL QUANTIFICATION
SEBASTIAO, E. ET AL. [UNITED STATES]

CP-MH16-4
AGE- AND SEX-RELATED DIFFERENCES ON MUSCLE STRENGTH OF THE TIBIOTARSAL JOINT AND ITS ASSOCIATION WITH PHYSICAL AND FUNCTIONAL FITNESS
BOVOLINI, A. ET AL. [PORTUGAL]

CP-MH16-5
HIGH INTENSITY INTERVAL TRAINING HAS POSITIVE EFFECT ON FUNCTIONAL MOVEMENT IN OLDER ADULTS.
STERN, G. ET AL. [UNITED KINGDOM]

CP-MH16-6
MECHANISM OF AEROBIC EXERCISE IMPROVING SOCE-MEDIATED CORONARY CONTRACTION IN AGING RATS
HUANG, J. ET AL. [CHINA]

CP-MH16-7
THE EFFECT OF 10WEEK FOREST WALKING EXERCISE ON KNEE STABILIZATION IN MIDDLE-AGED FEMALE
SON, J.H. ET AL. [KOREA, SOUTH]

CP-MH16-8
EFFECTS OF MICROCURRENT THERAPY WITH RESISTANCE EXERCISES ON STRENGTH, FUNCTIONAL CAPACITY, AND MUSCLE THICKNESS IN MIDDLE-AGED ADULTS: A PILOT STUDY
KOLIMECHKOV, S. ET AL. [UNITED KINGDOM]

CP-MH16-9
IMPROVEMENT IN FUNCTIONAL, CLINICAL SCORE AND QUALITY OF LIFE AFTER A SPECIFICALLY DESIGNED EXERCISE PROGRAM IN PEOPLE WITH TOTAL HIP REPLACEMENT: A PILOT STUDY
PINELLI, E. ET AL. [ITALY]

CP-MH16-10
ESTROGEN-TREATED POSTMENOPAUSAL WOMEN HAVE INCREASED MUSCLE MITOCHONDRIAL RESPIRATORY CAPACITY AND THIS IS ENHANCED BY ACUTE EXERCISE
KLEIS, A. ET AL. [DENMARK]

CP-SH09

Corridor Rooms 351 - 353 (PS 40)

Physical Education II

Chair(s):
FIAUD, V. [UNITED STATES]
ESKANDARNEJAD, M. [IRAN]
CP-SH09-1

THE RELATIONSHIP OF PROACTIVE PERSONALITY, ATHLETIC IDENTITY AND FUTURE WORK SELF AMONG STUDENT ATHLETES
WU, Y.T. ET AL. [TAIWAN]

CP-SH09-2
ENHANCING LEARNING PROCESSES WITH THE FUNCTIONAL ADVANCED DIDACTIC. A PILOT STUDY BASED ON EMBODIED THEORIES.
CICCARELLI, S. ET AL. [ITALY]

CP-SH09-3
ENHANCING PARTICIPATION OF BLIND AND VISUALLY IMPAIRED STUDENTS IN PHYSICAL EDUCATION THROUGH DIGITAL TECHNOLOGY – A PARTICIPATORY APPROACH
HÖGER, B. ET AL. [AUSTRIA]

CP-SH09-4
THE EFFECTIVE CHARACTERISTICS OF PE-BASED INTERVENTIONS ON SOCIAL BEHAVIOURS
MARIC, S. ET AL. [AUSTRALIA]

CP-SH09-5
STIMULATING ACTIVE STUDENTS THROUGH
ISNANTA, R. ET AL. [INDONESIA]

CP-SH09-6
CHANGING ORGANISATIONAL STRUCTURES IN SKATEBOARDING – ETHNOGRAPHY OF A

SUBCULTURES LEARNING AND TEACHING ENVIRONMENT
BÜSCHER, B. [GERMANY]

Friday, 7 July

13:15 - 14:15

CP-AP06

Corridor Hall Bordeaux (PS 1)

Wearables

Chair(s):
ANDERSEN, J. [UNITED STATES]
DE PAUW, K. [BELGIUM]
CP-AP06-1

AUTOMATED IMU-BASED TRAINING LOAD MONITORING IN BEACH VOLLEYBALL
STROTKÖTTER, C. ET AL. [GERMANY]

CP-AP06-2
RECOGNIZING KICKBOARD AND SKATEBOARDING BEHAVIORS USING WEARABLE ACTIVITY TRACKER DEVICES
TRIPETTE, J. ET AL. [JAPAN]

CP-AP06-3
STUDY ON THE FEASIBILITY OF BUILDING AN UNSUPERVISED LOCOMOTION CHARACTERISTICS VARIABLE-BASED ACWR PREDICTION AI MODEL
CHOI, S.H. ET AL. [KOREA, SOUTH]

CP-AP06-4
RELIABILITY AND VALIDITY OF THE COUNTERMOVEMENT JUMP HEIGHT ON THE POLAR VANTAGE V2 SPORTS WATCH WITH HIGH PERFORMANCE FEMALE ARTISTIC GYMNASTS
HOFMANN, E. ET AL. [SWITZERLAND]

CP-AP06-5
REMOTE ASSESSMENT OF PELVIC KINEMATICS DURING SINGLE LEG SQUAT USING SMARTPHONE SENSORS: BETWEEN-DAY RELIABILITY AND IDENTIFICATION OF ACUTE CHANGES IN MOTOR

PERFORMANCE

DEVECCHI, V. ET AL. [UNITED KINGDOM]

CP-AP06-6

LOCALIZATION AND TRAJECTORIES OF ATHLETES ON INDOOR ENVIRONMENTS

JUÁREZ, A. ET AL. [FRANCE]

CP-AP06-7

HEART RATE MONITORING DURING GOLF PUTTING TO ESTIMATE MENTAL LOAD

GIELEN, J. [BELGIUM]

CP-MH24

Corridor Hall Bordeaux (PS 2)

Ageing III

Chair(s):

FRANCHI, M. [ITALY]

BAMPOURAS, T. [UNITED KINGDOM]

CP-MH24-1

ANALYSIS OF COMBINATORY EFFECTS OF SYSTEMATIC STRENGTH TRAINING WITH FREE WEIGHTS AND PROTEIN SUPPLEMENTATION ON STRENGTH GAIN AND BODY COMPOSITION IN POSTMENOPAUSAL WOMEN - A 12-WEEK RANDOMISED CONTR

DIEL, P. ET AL. [GERMANY]

CP-MH24-2

DOES DIFFERENT-INTENSITY EXERCISE AFFECT THE REST-ACTIVITY RHYTHMS AMONG OLDER ADULTS?

YUE, C. ET AL. [JAPAN]

CP-MH24-3

ISOMETRIC TRAINING IMPAIRS CARDIAC SYMPATHOVAGAL BALANCE DESPITE ITS HYPOTENSIVE EFFECTS IN MIDDLE-AGE AND OLDER ADULTS

YAMAGATA, T. ET AL. [JAPAN]

CP-MH24-4

EFFECTS OF 8 WEEKS OF MULTICOMPONENT TRAINING ON FUNCTIONAL CAPACITY AND

LIPIDIC AND HEMODYNAMIC PROFILE OF ACTIVE PRE-HYPERTENSIVE OLDER WOMEN AFTER THREE-MONTHS OF DETRAINING

LEITAO, L. ET AL. [PORTUGAL]

CP-MH24-5

MINI-TRAMPOLINE AEROBIC TRAINING IMPROVES PULSE WAVE REFLECTION IN POSTMENOPAUSAL WOMEN

LEE, E. ET AL. [KOREA, SOUTH]

CP-MH24-6

EFFECTS OF A 12 WEEK ONLINE PILATES BASED EXERCISE PROGRAM ON BALANCE AND CORE STRENGTH AND STABILITY IN OLDER ADULTS

GEREMIA, S. ET AL. [PORTUGAL]

CP-MH24-7

RELATIONSHIP BETWEEN SERUM IRISIN LEVELS, MARKERS OF SARCOPENIA, AND FATIGABILITY IN MEDICALLY STABLE OLDER FEMALES

JANDOVA, T. ET AL. [CZECH REPUBLIC]

CP-MH24-8

ESTIMATE FOR POSSIBLE SARCOPENIA USING SEVERAL GRIP STRENGTHS AMONG COMMUNITY-DWELLING OLDER PEOPLE IN JAPAN

KOZAKAI, R. ET AL. [JAPAN]

CP-MH24-9

ALTERATIONS IN PHYSICAL ACTIVITY AND SEDENTARY BEHAVIOURS MODERATE THE RELATIONSHIP BETWEEN DISEASE SEVERITY AND PHYSICAL FUNCTION IN RHEUMATOID ARTHRITIS

ALLEN, S.L. ET AL. [UNITED KINGDOM]

CP-MH24-10

EFFECTS OF NORWEGIAN HIIT AND CAFFEINE INTAKE ON COGNITIVE FUNCTION

MURATA, H. ET AL. [JAPAN]

CP-SH20

Corridor Hall Bordeaux (PS 3)

Mental health and psychological well-

being

Chair(s):

MAMEN, A. [NORWAY]

NIEUWENHUY, A. [NEW ZEALAND]

CP-SH20-1

CAN ACUTE LIGHT-INTENSITY EXERCISE REDUCE NEGATIVE MEMORIES?

NAKAMURA, M. ET AL. [JAPAN]

CP-SH20-2

IMPAIRED SLEEP QUALITY WAS RELATED TO MENTAL HEALTH DISORDER IN FEMALE LONG-DISTANCE RUNNERS

HIROMATSU, C. ET AL. [JAPAN]

CP-SH20-3

THE EFFECT OF A SUPERVISED 9-WEEK EXERCISE PROGRAM ON SELF-REPORTED DEPRESSION, ANXIETY, AND STRESS IN COLLEGE STUDENTS

SCHAERZ, S. ET AL. [CANADA]

CP-SH20-4

DETERMINANTS OF RECOVERY BEHAVIOURS IN OLYMPIC SWIMMERS: A QUALITATIVE INVESTIGATION USING THE REASONED ACTION APPROACH

POIGNARD, M. ET AL. [FRANCE]

CP-SH20-5

IMPACT OF PSYCHOLOGICAL PROCESSES ON MENTAL HEALTH SYMPTOMS IN COMPETITIVE ATHLETES: A CROSS-SECTIONAL STUDY BASED ON THE TRANSDIAGNOSTIC APPROACH

VALVERDE, S. ET AL. [FRANCE]

CP-SH20-6

ASSESSING AFFECTIVE RESPONSES IN STRETCHING EXERCISES

BASTOS, V. ET AL. [PORTUGAL]

CP-SH20-7

COPING AND PAIN MANAGEMENT IN THE CONTEXT OF INJURY IN ELITE SPORTS

MACQUET, A.C. ET AL. [FRANCE]

CP-AP09

Corridor Hall Bordeaux (PS 4)

Team Sports Analyses

Chair(s):

ALI, A. [NEW ZEALAND]

WAGNER, H. [AUSTRIA]

CP-AP09-1

IDENTIFYING KEY PERFORMANCE INDICES THAT DISTINGUISH ELITE MIDFIELDERS FROM SUB-ELITE COUNTERPARTS IN PROFESSIONAL MENS FOOTBALL USING A MULTIPLE-MODEL MACHINE LEARNING APPROACH

PHATAK, A. ET AL. [GERMANY]

CP-AP09-2

RELATIONSHIP BETWEEN GAZE BEHAVIOUR AND DECISION MAKING DURING ON-FIELD SPORT SITUATIONS IN PROFESSIONAL VS YOUNG ELITE RUGBY LEAGUE PLAYERS.

ILLE, A. ET AL. [FRANCE]

CP-AP09-3

CHARACTERIZING THE PEAK KINEMATIC AND MECHANICAL MOST DEMANDING PERIODS IN ELITE FOOTBALL: COMPOSITION ANALYSIS OF EACH HALF AND MATCH DEMANDS

YOUSSEFIAN, F. ET AL. [PORTUGAL]

CP-AP09-4

IMPACT OF WELLNESS INDICATORS IN THE RELATIONSHIP BETWEEN EXTERNAL AND INTERNAL LOAD IN FOOTBALL

CHASSARD, T. ET AL. [FRANCE]

CP-AP09-5

LEUKOCYTE TELOMERE LENGTH IN ELITE MALE SOCCER PLAYERS: EXERCISE INTENSITY ROLE STUDIED

SELLAMI, M. [QATAR]

CP-AP09-6

THE CLOCK IS TICKING: EFFECTS OF SHOT-CLOCK RESET RULES CHANGES ON EUROLEAGUE BASKETBALL PERFORMANCE

PENG, S.H. ET AL. [TAIWAN]

CP-MH25

Hall Bordeaux (PS 5)

Health and Fitness VII

Chair(s):

PENG, B. [HONG KONG]

ESKANDARNEJAD, M. [IRAN]

CP-MH25-1

DATA INFORMING GOVERNING BODY RESISTANCE TRAINING GUIDELINES EXHIBIT SEX BIAS: AN AUDIT BASED REVIEW

HAGSTROM, A. ET AL. [AUSTRALIA]

CP-MH25-2

HEALTH STATUS ASSESSMENT OF INDUSTRIAL WORKERS IN A MID-SIZE COMPANY: A NOVEL APPROACH IN WORKPLACE HEALTH PROMOTION

JAVANMARDI, S. ET AL. [GERMANY]

CP-MH25-3

PREVALENCE OF MARKERS ASSOCIATED WITH RED-S IN ELITE-LEVEL FEMALE FOOTBALL PLAYERS

DASA, M.S. ET AL. [NORWAY]

CP-MH25-4

TESTING AND EVALUATION OF AN ADAPTATION OF THE RAPID UPPER LIMB ASSESSMENT (RULA) BY A KINEMATIC ANALYSIS FOR OCCUPATIONAL HEALTH PRACTICE - AN EXEMPLARY APPLICATION IN THE FIELD OF DENTISTRY

MAURER-GRUBINGER, C. ET AL. [GERMANY]

CP-MH25-5

A 10-WEEK TRAMPOLINE EXERCISE PROGRAM ENHANCES CAROTID ARTERY COMPLIANCE IN POSTMENOPAUSAL WOMEN

SON, J. ET AL. [KOREA, SOUTH]

CP-MH25-6

EFFECTS OF STEPPING EXERCISE WITH SINGLE-TOOTH SANDALS ON POSTERIOR TIBIAL ARTERY BLOOD FLOW AND SOLE SURFACE TEMPERATURE

NISHIWAKI, M. ET AL. [JAPAN]

Conventional Print Poster Presentations

CP-MH25-7

SMOKING STIMULATES MUSCULAR MURF-1 AND PGC-1 ALPHA EXPRESSIONS ON CIGARETTE SMOKE-EXTRACT ADMINISTERED MURINE MODEL.

SAKAMOTO, M. ET AL. [JAPAN]

CP-MH25-8

EFFECTS OF MOTIVATIONAL MUSIC ON PERCEIVED EXERTION DURING AEROBIC EXERCISE

GALLAZZI, M. ET AL. [ITALY]

CP-MH25-9

THE DEVELOPMENT AND ASSESSMENT OF A NOVEL COMBINED PHYSICAL AND COGNITIVE ASSESSMENT: THE FLANKER-Y

PUMPA, K.L. ET AL. [IRELAND]

CP-MH25-10

A QUALITATIVE ASSESSMENT OF TRUCK DRIVERS' NEEDS FOR PHYSICAL ACTIVITY PROMOTION

GAWLIK, A. ET AL. [GERMANY]

CP-PN16

Hall Bordeaux (PS 6)

Hormonal Biology

Chair(s):

FERNANDEZ-SANJURJO, M. [SPAIN]

ROZAND, V. [FRANCE]

CP-PN16-1

THE EFFECT OF ACUTE COMBINED ORAL CONTRACEPTIVE ADMINISTRATION ON SUBSTRATE METABOLISM: A RANDOMISED-CONTROLLED TRIAL

MARTIN, D. ET AL. [UNITED KINGDOM]

CP-PN16-2

DESCRIPTION OF THE SEXHORMONAL VARIATIONS ON MENSTRUAL SYMPTOMS AND WELLNESS OF ELITE ATHLETES DURING THEIR MENSTRUAL CYCLE.

LAFFITE, A. [FRANCE]

CP-PN16-3

DOES TIMING OF ORAL CONTRACEPTIVE PILL INTAKE AFFECT EXERCISE PERFORMANCE? A RANDOMIZED CROSSOVER CONTROLLED STUDY

BISGAARD, M.S. ET AL. [DENMARK]

CP-PN16-4

RESTING HEART RATE FLUCTUATIONS DURING THE MENSTRUAL CYCLE IN COMPETITIVE FEMALE TRACK AND FIELD ATHLETES

BÜTHE, E. ET AL. [GERMANY]

CP-PN16-5

CLASSIFICATION OF ELITE FEMALE CYCLISTS SESSIONS AND THE IMPACT OF MENSTRUAL CYCLES

CARLIN, H. ET AL. [FRANCE]

CP-PN16-6

HORMONAL AND IMMUNOLOGICAL RESPONSE TO A COMBINED BIOPSYCHOSOCIAL STRESSOR AND RESISTANCE EXERCISE - A PILOT EXPERIMENT

RAIDL, P. ET AL. [AUSTRIA]

CP-PN16-7

SEX STEROID HORMONES IN YOUNG AND MASTER MALE ENDURANCE RUNNERS

SEDLIAK, M. ET AL. [SLOVAKIA]

CP-PN16-8

GENDER DIFFERENCE IN GASTRIC EMPTYING RATE AND GASTROINTESTINAL SYMPTOMS AFTER ENDURANCE EXERCISE

LIN, C. ET AL. [JAPAN]

CP-PN16-9

AEROBIC EXERCISE TRAINING IN OVERWEIGHT YOUNG ADULTS DOES NOT INDUCE WEIGHT LOSS BUT A REDUCTION IN RESTING METABOLIC RATE

KNAAN, T. ET AL. [ISRAEL]

CP-PN16-10

THE EFFECTS OF REPEATED COLD WATER IMMERSION ON THE IMMUNE SYSTEM AND CARDIOVASCULAR FACTORS IN HEALTHY MALES: A PILOT STUDY

VERSTEEG, N. ET AL. [SWITZERLAND]

CP-BM13

Hall Bordeaux (PS 7)

Jumping

Chair(s):

PARADISIS, G. [GREECE]

MARINA, M. [SPAIN]

CP-BM13-1

THE DISCRETE VARIABLES DERIVED FROM THE FORCE-TIME CURVE CAN CLUSTER DIFFERENT LEVELS OF DROP JUMP PERFORMANCE RATHER THAN SPORT-SPECIFIC BACKGROUND

PANOUSAKOPOULOS, V. ET AL. [GREECE]

CP-BM13-2

THE ACUTE EFFECTS OF ASSISTED AND RESISTED VARIABLE RESISTANCE BACK SQUATS ON COUNTERMOVEMENT JUMP PERFORMANCE

VAN ENIS, A. [UNITED KINGDOM]

CP-BM13-3

EFFECTS OF HAMSTRINGS-TO-QUADRICEPS RATIO AND THE LOWER EXTREMITY PERFORMANCE DURING SINGLE-LEG DROP JUMP IN FEMALE BASKETBALL PLAYERS: A PILOT STUDY

HSIAO, H.W. ET AL. [TAIWAN]

CP-BM13-4

COMPARISON OF MUSCLE ACTIVITY IN LOWER EXTREMITIES BETWEEN HIGH JUMPERS AND GENERAL ATHLETES DURING RUNNING SINGLE-LEG VERTICAL JUMP OVER DIFFERENT DISTANCES

HSU, T.M. ET AL. [TAIWAN]

CP-BM13-5

DOES THE LIMITATION OF THE FIRST METATARSAL-PHALANGEAL JOINT IMPACT VERTICAL JUMP PERFORMANCE?

GONTHIER, J. ET AL. [FRANCE]

CP-BM13-6

AGE-RELATED CHANGES IN THE KINEMATICS OF THE LOWER LIMBS DURING DOUBLE- AND SINGLE-LEG REBOUND JUMPS

HIOKI, Y. ET AL. [JAPAN]

CP-BM13-7

THE EFFECT OF TENDON STIFFNESS ON MUSCLE POWER PRODUCTION DURING COUNTERMOVEMENT JUMP

KURIYAMA, K. ET AL. [JAPAN]

CP-BM13-8

AN UPPER LIMBS PLYOMETRIC PERFORMANCE COMPARISON BETWEEN EXPERIENCED AND NON-EXPERIENCED ATHLETES.

DHOTE, S. ET AL. [FRANCE]

CP-BM13-9

LOWER LIMB STIFFNESS: RUNNING AND SINGLE LEG HOPPING TEST, IS THERE A LINK ? A PILOT STUDY.

GODIN, A. ET AL. [FRANCE]

CP-BM13-10

LINEAR DISCRIMINANT ANALYSIS FOR AUTOMATIC CLASSIFICATION ON STANDARD MAXIMUM VERTICAL JUMP

RODRIGUES, C.M.B. [PORTUGAL]

CP-MH26

Hall Bordeaux (PS 8)

Health and Fitness VI

Chair(s):

BONATO, M. [ITALY]

KAWABATA, T. [JAPAN]

CP-MH26-1

MODERATE PHYSICAL ACTIVITY REDUCES THE LIKELIHOOD OF SARCOPENIA IN COMMUNITY-DWELLING OLDER WOMEN: A CROSS-SECTIONAL APPROACH

MACHADO, D.R.L. ET AL. [BRAZIL]

CP-MH26-2

AQUATIC AEROBIC EXERCISE TRAINING PERFORMED IN WARM VS. COLD WATER IN ELDERLY PATIENTS WITH TYPE 2 DIABETES

SUKSOM, D. ET AL. [THAILAND]

CP-MH26-3

PHYSICAL ACTIVITY LEVELS AND CARDIOMETABOLIC MARKERS IN INDIVIDUALS WITH NEWLY DIAGNOSED TYPE 2 DIABETES: A BASELINE ANALYSIS OF THE MOTIVATE T2D RANDOMIZED CONTROLLED TRIAL

LOW, J. ET AL. [CANADA]

CP-MH26-4

EFFECTS OF INSPIRATORY MUSCLE TRAINING AND NORDIC WALKING ON PHYSICAL FITNESS: A PILOT STUDY

MARCO-BARRIGUETE, I. ET AL. [SPAIN]

CP-MH26-5

CAN COOLING GARMENTS AID EXERCISE THERAPY IN PEOPLE WITH MULTIPLE SCLEROSIS?

STEVENS, C. ET AL. [AUSTRALIA]

CP-MH26-6

IMPACT OF DISABILITY ON PHYSICAL ACTIVITY AND HEALTH VARIABLES IN SCOTLAND

DAVISON, R.C.R. ET AL. [UNITED KINGDOM]

CP-MH26-7

AQUATIC EXERCISES ENHANCE PHYSICAL PERFORMANCE AND MAINTAIN METABOLIC HEALTH IN OVERWEIGHT OLDER ADULTS

EBRAHIMPOUR NOSRANI, S. ET AL. [IRAN]

CP-PN17

Hall Bordeaux (PS 9)

Respiration/Pulmonary

Chair(s):

ROLDAN, A. [SPAIN]

MINHALMA, R. [PORTUGAL]

CP-PN17-1

EFFECT OF DIFFERENT GAIT PATTERNS ON VENTILATION AND MUSCLE ACTIVITIES IN RESPONSE TO SINUSOIDALLY CHANGING TREADMILL SPEED

FUJITA, M. ET AL. [JAPAN]

CP-PN17-2

EFFECTS OF HIGH-INTENSITY INSPIRATORY MUSCLE WARM-UP ON HIGH-INTENSITY EXERCISE PERFORMANCE AND MUSCLE OXYGENATION

KOIZUMI, J. [JAPAN]

CP-PN17-3

TRANSFER FUNCTION ANALYSIS DETERMINED CEREBROVASCULAR CO₂ REACTIVITY WITHOUT CARBON DIOXIDE INHALATION

OGOH, S. [JAPAN]

CP-PN17-4

IS THE VO₂MASTER, A PORTABLE SPIROMETRIC DEVICE, A VALID TOOL TO ASSESS THE OXYGEN CONSUMPTION?

KUBICA, C. [SWITZERLAND]

CP-PN17-5

PEAK OXYGEN UPTAKE IS SLOPE DEPENDENT: INSIGHTS FROM GROUND REACTION FORCES AND MUSCLE OXYGENATION

LEMIRE, M. ET AL. [FRANCE]

CP-PN17-6

DIAPHRAGMATIC FUNCTION ASSOCIATED WITH AEROBIC ENDURANCE IN LONG DISTANCE RUNNERS

WU, H. ET AL. [TAIWAN]

CP-PN17-7

ACUTE EFFECTS OF SINGLE VS. COMBINATORY INHALED B₂-AGONISTS SALBUTAMOL AND FORMOTEROL ON TIME TRIAL PERFORMANCE, LUNG FUNCTION, METABOLIC AND ENDOCRINE PARAMETERS

BIZJAK, D.A. ET AL. [GERMANY]

CP-PN17-8

EXERCISE-INDUCED BRONCHOCONSTRICTION IN CHINESE ELITE ATHLETES OF OLYMPIC SUMMER SPORTS EVENTS

CHEN, S. ET AL. [AUSTRALIA]

CP-PN17-9

FIRE PROTECTION EQUIPMENT LOAD AND MOVEMENT SPEED AFFECTS RESPIRATORY PARAMETERS AND SUBSTRATE UTILIZATION OF

BRAZILIAN FIREFIGHTERS: A PILOT STUDY

RODRIGUES, N.A. ET AL. [BRAZIL]

CP-BM14

Hall Bordeaux (PS 10)

Muscle Tendon Function II

Chair(s):

TAKAHASHI, K. [JAPAN]

BALTZOPOULOS, B. [UNITED KINGDOM]

CP-BM14-1

THE EFFECTS OF INSTRUMENT ASSISTED SOFT TISSUE MOBILIZATION (IASTM) TECHNIQUE ON MECHANICAL PROPERTIES OF ANKLE MUSCLES AND DORSIFLEXION RANGE OF MOTION IN WRESTLERS

UZUN, S. ET AL. [TURKEY]

CP-BM14-2

TRAINING EFFECTS OF STRETCHING ON RANGE OF MOTION: A SYSTEMATIC REVIEW WITH META-ANALYSIS

KONRAD, A. ET AL. [AUSTRIA]

CP-BM14-3

TWO-DIMENSIONAL MOTION ESTIMATION FOR MEASURING THE DISPLACEMENT OF THE BICEPS FEMORIS IN PASSIVE AND ACTIVE MOVEMENTS

CHOU, C.Y. ET AL. [TAIWAN]

CP-BM14-4

COMPARISON OF DIFFERENT ULTRASOUND METHODS TO DETERMINE TRICEPS SURAE MUSCLE- AND TENDON DYNAMICS DURING LOCOMOTION

TILP, M. ET AL. [AUSTRIA]

CP-BM14-5

INFLUENCE OF TELOMERE LENGTH ON MUSCLE AND TENDON ADAPTATION IN THE ELDERLY FOLLOWING TO A STRENGTH TRAINING PERIOD

GROSSET, J. [FRANCE]

CP-BM14-6

WRIST EXTENSOR TENDON FORCES DURING TENNIS FOREHAND ARE MODULATED BY PLAYER-SPECIFIC TECHNIQUE

GOISLARD DE MONSABERT, B. ET AL. [FRANCE]

CP-BM14-7

BICEPS FEMORIS APONEUROSIS STRUCTURE IS NOT CONTINUOUS BUT SEPARATED BY LOOSE CONNECTIVE TISSUE: A CADAVER STUDY.

MANTECON TAGARRO, C.J. ET AL. [JAPAN]

CP-BM14-8

RESIDUAL FORCE ENHANCEMENT IN THE DESCENDING LIMB: IS THERE A LIMIT?

MANIEU SEGUEL, J. ET AL. [AUSTRIA]

CP-BM14-9

THE CHARACTERISTICS OF LOWER LIMB MUSCLE STRENGTH IN ELITE JAPANESE ATHLETES: FOCUSING ON THE DIFFERENCE IN SPORTS TYPE AND COMPETITION SEASON

IMAWAKA, T. ET AL. [JAPAN]

CP-MH27

Hall Bordeaux (PS 11)

Sports medicine and orthopedics

Chair(s):

BLAZEVIČ, A. [AUSTRALIA]

RICE, H. [NORWAY]

CP-MH27-1

BACK AND HAMSTRING MUSCLE STRENGTH IN HEALTHCARE WORKERS WITH DIFFERENT INTENSITY OF BACK PAIN

HORNÍKOVÁ, H. ET AL. [SLOVAKIA]

CP-MH27-2

THE ASSESSMENT OF PATIENT OUTCOMES AT RETURN-TO-SPORT FOLLOWING A SPORT-RELATED KNEE SPRAIN INJURY: A REPORT FROM THE ATHLETIC TRAINING PRACTICE-BASED RESEARCH NETWORK

LAM, K. ET AL. [UNITED STATES]

CP-MH27-3

LOWER LIMB KINEMATICS, FORCE, AND QUALITY OF LIFE AMONG RECREATIONAL ATHLETES AFTER AN ANTERIOR CRUCIATE LIGAMENT RUPTURE: A LONGITUDINAL STUDY OF THE FIRST THREE MONTHS AFTER AN ACL RECONSTRUCTION

YONA, T. ET AL. [ISRAEL]

CP-MH27-4

TOWARDS DETECTING NEUROMUSCULAR CONTROL DEFICITS INDICATIVE OF KNEE INSTABILITY DURING THE RETURN TO SPORTS PROCESS AFTER AN ACL INJURY

CALISTI, M. [AUSTRIA]

CP-MH27-5

LONG-TERM EFFECTS OF THE 11+ AND THE FOOTBALL+ WARM-UP PROGRAMS ON MOTOR PERFORMANCE AMONG FEMALE AMATEUR PLAYERS

ASGARI, M. ET AL. [GERMANY]

CP-MH27-6

COMPENSATION STRATEGIES AFTER A COMPLETE AVULSION OF THE PROXIMAL RECTUS FEMORIS MUSCLE: A SINGLE CASE ONE-YEAR FOLLOW-UP

BAUMGART, C. ET AL. [GERMANY]

CP-PN18

Hall Bordeaux (PS 12)

Nutrition IV

Chair(s):

MORALES-ÁLAMO, D. [SPAIN]

VAN DIJK, J. [NETHERLANDS]

CP-PN18-1

THE EFFECTS OF CARBOHYDRATE LOADING ON BRACHIAL AND THIGH MUSCLES

KOJIMA, C. ET AL. [JAPAN]

CP-PN18-2

THE EFFECT OF ACUTE RESISTANCE EXERCISE ON URIC ACID IN HEALTHY ADULTS FOLLOWING FRUCTOSE INTAKE

SU, Y.T. ET AL. [TAIWAN]

CP-PN18-3

THE EFFECT OF HIGH-FAT DIET ON INTRAMYOCYELLULAR LIPID CONTENT IN HEALTHY ADULTS: A SYSTEMATIC REVIEW, META-ANALYSIS AND META-REGRESSION

ALQALLAF, J. ET AL. [UNITED KINGDOM]

CP-PN18-4

FOUR-WEEK SUPPLEMENTATION OF SOY MILK POST DAILY TRAINING IMPROVES BLOOD LIPID STATUS AND INCREASES EXPLOSIVE POWER IN FEMALE SOCCER PLAYERS

BEI, W. [CHINA]

CP-PN18-5

CO-INGESTION OF COLLAGEN WITH WHEY PROTEIN PREVENTS THE POST-EXERCISE DECLINE IN PLASMA GLYCINE AVAILABILITY IN HEALTHY YOUNG MALES

AUSSIEKER, T. ET AL. [NETHERLANDS]

CP-PN18-6

ANABOLIC SIGNALING IS NOT COMPROMISED IN LEAN HEALTHY OLDER MEN FOLLOWING RESISTANCE EXERCISE AND INTAKE OF ESSENTIAL AMINO ACIDS

HORWATH, O. ET AL. [SWEDEN]

CP-PN18-7

EFFECTS OF NUTRITION- AND EXERCISE-BASED PERFORMANCE ENHANCEMENTS IN ROWING: A NETWORK META-ANALYSIS

HELD, S. ET AL. [GERMANY]

CP-PN18-8

EFFECTS OF PLACEBO PERCEIVED-AS-PARACETAMOL ON CYCLING EXERCISE IN INDIVIDUALS WITH EXPERIMENTALLY INDUCED MUSCLE PAIN

PIRES, F.O. ET AL. [BRAZIL]

CP-PN18-9

A NOVEL CARBOHYDRATE HYDROGEL SYSTEM FOR THE DELIVERY OF SODIUM BICARBONATE MINI-TABLETS INCREASES ACID-BASE BUFFERING AND ALLEVIATES GASTROINTESTINAL DISCOMFORT

GOUGH, L. ET AL. [UNITED KINGDOM]

Conventional Print Poster Presentations

CP-PN18-10

THE IMPACT OF ARTIFICIAL SWEETENER CONSUMPTION IN SPORTS DRINKS AND NUTRITION ON CARDIOVASCULAR HEALTH: PRELIMINARY DATA IN RODENTS AND HUMANS VESSELS.

PALLOT, F. ET AL. [FRANCE]

CP-BM15

Hall Bordeaux (PS 13)

Sports Biomechanics II

Chair(s):

EXEL, J. [AUSTRIA]

CHADEFAUX, D. [FRANCE]

CP-BM15-1

UPPER LIMB JOINTS COORDINATION DURING JUMP PULL-UPS IN ROCK CLIMBERS

HUGUES, X. ET AL. [FRANCE]

CP-BM15-2

UPPER LIMB KINEMATICS OF AN ELITE CLIMBER DURING A POWER SLAP TASK

BRILEY, S. ET AL. [UNITED KINGDOM]

CP-BM15-3

COMPARISON OF GROUND REACTION FORCES ON FULL AND CONTROLLED DRIVER SHOTS IN MALE PROFESSIONAL GOLFERS

HIRANO, T. ET AL. [JAPAN]

CP-BM15-4

PERFORMANCE COMPARISON BETWEEN WATERFOWL AND SYNTHETIC FEATHER SHUTTLECOCKS IN BADMINTON: FOCUSING ON THE SHUTTLECOCK MOVEMENTS IMMEDIATELY AFTER BEING SMASHED

NAKASHIMA, H. ET AL. [JAPAN]

CP-BM15-5

ACCELEROMETRY VS. VIDEO-DERIVED STROKE PARAMETERS IN HIGH-LEVEL SWIMMERS

MUSSON, C. [SOUTH AFRICA]

CP-BM15-6

RELATIONSHIP BETWEEN BATTING VELOCITY AND UPPER EXTREMITIES ISOKINETIC MUSCLE STRENGTH DURING BASEBALL TEE BATTING

HO, C.C. ET AL. [TAIWAN]

CP-BM15-7

EFFECT OF ADJUSTMENT OF SADDLE HEIGHT AND RIDING TIME ON CYCLE PEDALING

YOON, S. ET AL. [KOREA, SOUTH]

CP-BM15-8

DIFFERENCES IN LOWER EXTREMITY BIOMECHANICS BETWEEN PATIENTS WITH PATELLOFEMORAL PAIN SYNDROME AND HEALTHY ADULTS DURING STATIONARY BIKE RIDING

ZHENG, Y.Q. ET AL. [TAIWAN]

CP-BM15-9

THE INFLUENCE OF RACKET SIZE ON SERVE BIOMECHANICS IN YOUNG TENNIS PLAYERS

MARTIN, C. ET AL. [FRANCE]

CP-BM15-10

THE IMPACT OF PHASE DURATION AND ITS VARIABILITY ON ARCHERY SHOOTING PERFORMANCE: A CASE STUDY

LIN, Y. ET AL. [TAIWAN]

CP-MH28

Hall Bordeaux (PS 14)

Sports Medicine II

Chair(s):

YVERT, T. [SPAIN]

SECK, D. [SENEGAL]

CP-MH28-1

PARALYMPIC SPORT AND SPORT-RELATED CONCUSSION: A SINGLE CASE STUDY

CHANG, Y.Y. ET AL. [GERMANY]

CP-MH28-2

PRELIMINARY EVALUATION OF A PROPOSAL OF AN INCREMENTAL TESTING PROTOCOL FOR

INDIVIDUALS WITH SPINAL CORD INJURY

APARICIO, I. ET AL. [SPAIN]

CP-MH28-3

CHARACTERISTICS OF HEART RATE RESPONSE IN ELITE JAPANESE PARALYMPIC ATHLETES WITH AND WITHOUT SPINAL CORD INJURY DURING ARM CRANK ERGOMETER TEST

KAMEDA, M. ET AL. [JAPAN]

CP-MH28-4

THE ASSOCIATION BETWEEN PA STATUS AND THE PREVALENCE OF ALCOHOL USE DISORDER IN KOREA

LEE, Y.S. ET AL. [KOREA, SOUTH]

CP-MH28-5

LAMP : NEW DNA AMPLIFICATION TECHNOLOGY AS A POINT OF CARE TOOL TO AVOID PROPAGATION OF EHV-1 AND EHV-4 PATHOGENS BETWEEN HORSES DURING HORSE RACE

THIBAUT, T. ET AL. [FRANCE]

CP-MH28-6

EFFECTS OF LUMBR EXTENSION-BASED TRUNK CONTROL EXERCISE ON PHYSIOLOGICAL AND CLINICAL PARAMETERS OF MUSCLES IN PATIENTS WITH FLAT BACK SYNDROME

EUM, Y.B. ET AL. [KOREA, SOUTH]

CP-PN19

Hall Bordeaux (PS 15)

Nutrition V

Chair(s):

CARR, A. [AUSTRALIA]

SECK, D. [SENEGAL]

CP-PN19-1

SERUM CONCENTRATION OF SELENIUM, FOLATE, VITAMIN B12 AND FERRITIN IN FEMALE ELITE FIELD HOCKEY PLAYERS

VORSPHOHL, V. ET AL. [GERMANY]

CP-PN19-2

EFFECT OF ARGININE-CITRULLINE SUPPLEMENT ON SKIN-GAS ACETONE CONCENTRATION FOLLOWING MAXIMAL RUNNING EXERCISE

YAMADA, K. ET AL. [JAPAN]

CP-PN19-3

METABOLIC EFFECTS OF HIGH-INTENSITY INTERVAL TRAINING WITH PROBIOTICS SUPPLEMENTATION IN OBESE WOMEN

CHEN, Y.C. ET AL. [JAPAN]

CP-PN19-4

FREE, BIOAVAILABLE 25-(OH)D, 1,25-(OH)2D AND SKINFOLD THICKNESS IN INDOOR AND OUTDOOR ATHLETES

KSIAZEK, A. [POLAND]

CP-PN19-5

PLASMA-INDUCED CHANGES IN THE METABOLOME FOLLOWING POLYPHENOL CONSUMPTION.

SQUIRES, E. ET AL. [UNITED KINGDOM]

CP-PN19-6

INTEREST IN VEGAN DIET TARGETING FEMALE ATHLETE STUDENTS

CHO, C. [JAPAN]

CP-PN19-7

THE EFFECT OF C8 MEDIUM CHAIN TRIGLYCERIDE SUPPLEMENTATION ON THE COGNITIVE PERFORMANCE OF YOUNG AND HEALTHY ADULTS.

ASHTON, J. [UNITED KINGDOM]

CP-PN19-8

THE EFFECTS OF A VEGAN MULTI-INGREDIENT PRE-WORKOUT SUPPLEMENT IN BODY COMPOSITION, RESTING METABOLIC RATE AND PERFORMANCE IN MIDDLE-AGED PERI- AND POST-MENOPAUSAL WOMEN

PUENTE-FERNANDEZ, J. ET AL. [SPAIN]

CP-PN19-9

VOLUNTARY REHYDRATION AT A POST-EXERCISE MEAL IS INADEQUATE TO REPLACE FLUID LOST AFTER EXERCISE-INDUCED DEHYDRATION: A

BLINDED STUDY

CABLE, T.G. ET AL. [UNITED KINGDOM]

CP-PN19-10

IMPACT OF LOW FLUID INTAKE ON HUMAN ADIPOSE TISSUE GENE EXPRESSION IN LEAN, ACTIVE MEN

RODRIGUEZ-SANCHEZ, N. ET AL. [UNITED KINGDOM]

CP-BM16

Hall Bordeaux (PS 16)

Motor control and Athletic Performance

Chair(s):

SŁOMKA, K. [POLAND]

ZEMKOVA, E. [SLOVAKIA]

CP-BM16-1

VERBAL OUTCOME PREDICTION IN BASKETBALL – A BEHAVIORAL STUDY

JUNGE-BORNHOLT, L.E. ET AL. [GERMANY]

CP-BM16-2

RECRUITMENT PROPERTIES OF SPINAL REFLEX OF THE THIGH MUSCLE IN ELITE SPRINTERS

NAKAGAWA, K. ET AL. [JAPAN]

CP-BM16-3

THE IMPACT OF VOLLEYBALL SPIKE AND DEFENSE TRAINING ON DEFENSE ANTICIPATION ABILITY

CHU, H.H. ET AL. [TAIWAN]

CP-BM16-4

ATTENTIONAL FOCUS EFFECTS ON LOWER LIMB MUSCULAR STRENGTH IN ATHLETES: A SYSTEMATIC REVIEW

POMPA, D. ET AL. [ITALY]

CP-BM16-5

TACTILE SENSORY FUNCTION IN ATHLETIC POPULATIONS: A COMPARISON OF TWO POINT DISCRIMINATION THRESHOLDS

BAYRAM, I. ET AL. [TURKEY]

CP-BM16-6

THE COMPARISON OF EEG SIGNALS OF REAL PERFORMANCE AND MOTOR IMAGERY IN THE BADMINTON

ABBASPOUR, K. ET AL. [IRAN]

CP-BM16-7

TRAIN BRAIN INSTEAD OF MUSCLE: IMMEDIATE EFFECT OF NEURO-ATHLETIC TRAINING ON FLEXIBILITY, SERVICE AND UPPER EXTREMITY PERFORMANCE IN ELITE VOLLEYBALL PLAYERS - A RANDOMIZED CONTROLLED TRIAL.

SOYLU, Ç. ET AL. [TURKEY]

CP-BM16-8

ARE YOUR HURDLES REAL, OR JUST IN YOUR MIND? DIFFERENTIATING HURDLING MOVEMENT PATTERNS USING POINT LIGHT DISPLAYS

LO, C.T. ET AL. [TAIWAN]

CP-BM16-9

HUMANS CAN PREPARE TO MOVE FOR DIFFERENT PURPOSES IN PARALLEL: INFORMATION AND DYNAMICAL SYSTEMS IN DYNAMIC DECISION-MAKING

WAKATSUKI, T. ET AL. [JAPAN]

CP-BM16-10

TIMING TO PASS THE CENTER OF A DISCRETE MOVEMENT IS MORE ACCURATE THAN FOR STOPPING AT THE END OF A DISCRETE MOVEMENT

LIU, Y.T. ET AL. [CHINA]

CP-MH29

Hall Bordeaux (PS 17)

Physiotherapy Knee/Shoulder

Chair(s):

LONGO, S. [ITALY]

MORNIEUX, G. [FRANCE]

CP-MH29-1

THE EFFECTS OF ECCENTRIC-FOCUSED EXERCISE ON SHOULDER MOBILITY, STRENGTH, PAIN, SCAPULAR KINEMATICS AND MUSCLE

ACTIVATION IN SYMPTOMATIC OVERHEAD ATHLETES WITH POSTERIOR SHOULDER TIGHTNESS
HUANG, S. [TAIWAN]

CP-MH29-2

RADIOGRAPHIC ASSESSMENT OF SCAPULAR ROTATION AND TILT IN SUBACROMIAL IMPINGEMENT SYNDROME

XI, R. ET AL. [CHINA]

CP-MH29-3

EFFECTS OF AN 8-WEEK OF THERMAL AQUATIC EXERCISE ON KNEE STRENGTH, ROM, AND WOMAC INDEX IN FEMALE PATIENTS OVER 50 YEARS OLD WITH KNEE OSTEOARTHRITIS

HAN, K.M. ET AL. [UNITED STATES]

CP-MH29-4

HOW LONG DOES IT TAKE TO PHYSICALLY AND PSYCHOLOGICALLY RECOVER AFTER AN INJURY IN FOOTBALL?

BRAUERS, J. ET AL. [NETHERLANDS]

CP-MH29-5

EFFECTS OF 8-WEEK PROPRIOCEPTIVE NEUROMUSCULAR FACILITATION STRETCHING AND STATIC STRETCHING ON MUSCLE-TENDON PROPERTIES, MUSCLE STRENGTH, AND JOINT FUNCTION IN CHILDREN WITH SPASTIC CEREBRAL PALSY

KRUSE, A. ET AL. [AUSTRIA]

CP-MH29-6

ARE THE SHOULDER JOINT FUNCTION, STABILITY, AND FLEXIBILITY TESTS PREDICTIVE OF HANDSTAND EXECUTION?

MALÍR, R. [CZECH REPUBLIC]

CP-MH29-7

PROGRESSIVE USE OF A PASSIVE SHOULDER-EXOSKELETON IN MANUAL MATERIALS HANDLING

JAKOBSEN, L.S. ET AL. [DENMARK]

CP-MH29-8

EFFECTIVENESS OF TELEHEALTH PROGRAM ON SELF-REPORTED FUNCTION, FUNCTIONAL PERFORMANCE, AND PHYSICAL ACTIVITIES IN PATIENTS WITH KNEE OSTEOARTHRITIS: A

SYSTEMATIC REVIEW AND META-ANALYSIS.

LUO, P. ET AL. [CHINA]

CP-MH29-9

ACTIVE VERSUS PASSIVE PHYSIOTHERAPY FOR SHOULDER PAIN: A SYSTEMATIC REVIEW AND META-ANALYSIS.

WANG, R. ET AL. [CHINA]

CP-MH29-10

ISOKINETIC STRENGTH PROFILE OF THE ROTATOR MUSCLES OF HIGH-LEVEL TABLE TENNIS PLAYERS

ROSE, C. [FRANCE]

CP-PN20

Hall Bordeaux (PS 18)

Cardiovascular Physiology II

Chair(s):

TRANGMAR, S. [UNITED KINGDOM]

COLOSIO, A. [BELGIUM]

CP-PN20-1

EVALUATION OF TWO METABOLIC CARTS FOR CARDIOPULMONARY EXERCISE TESTING (CORTEX METALYZER 3B AND JAEGER OXYCON PRO) IN DIFFERENT ENVIRONMENTAL CONDITIONS

BOURGOIS, G. ET AL. [BELGIUM]

CP-PN20-2

DEVELOPMENT OF EQUATION PREDICTING STROKE VOLUME TO ASSESS CARDIOVASCULAR STRAIN.

TSOUTSOUBI, L. ET AL. [SLOVENIA]

CP-PN20-3

RUNNING STYLE AND PERFORMANCE: PERCEPTION OF EFFORT OR CARDIOMETABOLIC FITNESS?

MARCORA, S. ET AL. [ITALY]

CP-PN20-4

CARDIOVASCULAR RESPONSES AND METABOREFLEX ACTIVATION FOLLOWING EXERCISE-INDUCED MUSCLE DAMAGE.

ZAMBOLIN, F. [UNITED KINGDOM]

CP-PN20-5

EXERCISE TRAINING INDUCES BENIGN RIGHT VENTRICULAR HYPERTROPHY ALONG WITH FUNCTIONAL IMPROVEMENT AND WITHOUT PATHOLOGICAL PROCESSES OR ARRHYTHMOGENICITY IN A RODENT MODEL OF ATHLETE'S HEART

OLÁH, A. ET AL. [HUNGARY]

CP-PN20-6

LOCAL MUSCLE CONTRACTIONS SUPPRESSED DECLINE IN METABOLIC CAPACITY CAUSED BY INACTIVITY

TANIMURA, R. [JAPAN]

CP-PN20-7

THE POTENTIAL HARMS OF SEDENTARY BEHAVIOUR ON CARDIOMETABOLIC HEALTH ARE MITIGATED IN HIGHLY ACTIVE ADULTS - A COMPOSITIONAL DATA ANALYSIS

VANHERLE, J. ET AL. [BELGIUM]

CP-BM17

Hall Bordeaux (PS 19)

Neuromuscular Physiology II

Chair(s):

TILLIN, N. [UNITED KINGDOM]

PLACE, N. [SWITZERLAND]

CP-BM17-1

ABNORMAL MOTOR UNIT FIRING PATTERNS AND A STEPPING AGILITY SKILL IN OLDER ADULTS

HIRONO, T. ET AL. [JAPAN]

CP-BM17-2

IN HEALTHY YOUNG ADULTS, MAT PILATES INDUCES NEUROMUSCULAR FACILITATION OF MAXIMAL ISOMETRIC FORCES DURING KNEE FLEXION AND EXTENSION MOVEMENT

HATTA, A. ET AL. [JAPAN]

CP-BM17-3

THE EFFECTS OF TACTILE STIMULUS ON BIPEDAL POSTURAL SWAY IN EARLY ADOLESCENTS

KOÇ, I. ET AL. [TURKEY]

CP-BM17-4

EFFECTS OF PULSE DURATION AND FREQUENCY ON ELECTROSTIMULATION-EVOKED FORCE: COMPARISON BETWEEN THREE MUSCLE GROUPS

POPESCO, T. ET AL. [SWITZERLAND]

CP-BM17-5

EFFECT OF LEGS STARTING BLOCK POSITION ON KINETICS AND KINEMATICS OF AN HEMIPLEGIC/ BRAIN IMPAIRMENT T37 ELITE SPRINTER

MATHONAT, L. ET AL. [FRANCE]

CP-BM17-6

EFFECT OF DIFFERENCES IN TORQUE AND ANGULAR VELOCITY DURING ECCENTRIC MUSCLE CONTRACTION ON SUBSEQUENT REACTIVE STRENGTH

SHIMA, N. [JAPAN]

CP-BM17-7

BOY-MAN DIFFERENCES IN THE NEURAL STRATEGY USED TO DEVELOP TORQUE DURING FAST HIGH-INTENSITY CONTRACTIONS

WOODS, S. ET AL. [CANADA]

CP-BM17-8

TRICEPS SURAE HYPERTROPHY AFTER STANDING VERSUS SEATED CALF-RAISE TRAINING

KINOSHITA, M. ET AL. [JAPAN]

CP-BM17-9

EXPLORING MOVEMENT-RELATED CORTICAL POTENTIALS, REACTION TIME AND FORCE PRODUCTION DURING THE SPRINT BLOCK START OF EXPERT AND NOVICE SPRINTERS: A CASE SERIES

BOTHA, M. [SOUTH AFRICA]

CP-BM17-10

RELATIONSHIP BETWEEN MUSCLE ACTIVITY AND SINGLE-LEG STANDING PERFORMANCE ON A SLACKLINE: A PRELIMINARY STUDY OF NOVICE PLAYERS

KODAMA, K. [JAPAN]

Conventional Print Poster Presentations

CP-MH30

Hall Bordeaux (PS 20)

Injury Prevention in Sports Medicine

Chair(s):

RODRIGUES-FERREIRA, M. [PORTUGAL]

MALISOUX, L. [LUXEMBOURG]

CP-MH30-1

THE USEFULNESS OF THE JAPANESE INJURY SURVEILLANCE SYSTEMS FOR SPORTS INJURY PREVENTION

MASHIMO, S. ET AL. [JAPAN]

CP-MH30-2

GENES WITHIN THE TGF-BETA SUPERFAMILY AND RECEPTORS ARE ASSOCIATED WITH RISK OF ACL INJURY IN A LARGE INTERNATIONAL COHORT.

LAGUETTE, M.N. ET AL. [SOUTH AFRICA]

CP-MH30-3

HOW TO REDUCE PEAK FORCES IN ARTISTIC GYMNASTICS TO PREVENT IMPACT INJURIES?

AARTS, M.J.J.J. ET AL. [NETHERLANDS]

CP-MH30-4

TEMPORAL ADAPTATIONS IN MUSCLE SYNERGY ACTIVATION DURING CHANGE-OF-DIRECTION MOVEMENTS FOLLOWING 8 WEEKS OF NEUROMUSCULAR AND TECHNIQUE TRAINING

MOHR, M. ET AL. [AUSTRIA]

CP-MH30-5

DIFFERENT SPRINTING STRATEGIES IN SPRINTERS WITH AND WITHOUT CHRONIC ANKLE INSTABILITY

ARAKAWA, H. ET AL. [JAPAN]

CP-MH30-6

USING MACHINE LEARNING TO IDENTIFY RISK FACTORS FOR RUNNING-RELATED INJURIES – RESULTS FROM THE 1-YEAR PROSPECTIVE COHORT STUDY (SMART INJURY PREVENTION).

HOLLANDER, K. ET AL. [GERMANY]

CP-MH30-7

CO-CREATING AN INTERVENTION TO REDUCE INJURY RISK IN COMPETITIVE ADOLESCENT

DISTANCE RUNNERS ENROLLED ON ENGLAND ATHLETICS' YOUTH TALENT PROGRAMME.

MANN, R.H. ET AL. [UNITED KINGDOM]

CP-MH30-8

GENETIC VARIATION WITHIN STRUCTURAL GENES COL12A1 AND TNC EXPLAIN SOME OF THE VARIABILITY OF KNEE ROTATION MEASUREMENTS

SEPTEMBER, A.V. ET AL. [SOUTH AFRICA]

CP-MH30-9

ARE COMMERCIAL GENETIC INJURY TESTS PREMATURE?

COLLINS, M. ET AL. [SOUTH AFRICA]

CP-MH30-10

PREDICTING NON-CONTACT ANKLE SPRAINS THROUGH ASSESSMENT OF ASYMMETRICAL LOWER-LIMB FUNCTIONAL PERFORMANCE: A PROSPECTIVE STUDY WITH 318 YOUTH TAEKWONDO ATHLETES

GUAN, Y. ET AL. [CHINA]

CP-PN21

Hall Bordeaux (PS 21)

Cardiovascular Physiology III

Chair(s):

MÖLLER, F. [GERMANY]

BREENFELDT ANDERSEN, A. [DENMARK]

CP-PN21-1

COMPARING THE EFFECTS OF A HYPOXIC REPEATED SPRINT TRAINING ON PERFORMANCE IN NORMOXIA BETWEEN MALES AND FEMALES

PIPERI, A. ET AL. [BELGIUM]

CP-PN21-2

CHANGES IN THE PREFRONTAL CORTEX OXYGENATION LEVELS AFTER 4 AND 8 WEEKS HIGH INTENSITY EXERCISE TRAINING

KUO, Y.H. ET AL. [TAIWAN]

CP-PN21-3

EFFECTS OF EIGHT WEEKS OF ALTITUDE TRAINING ON THE ERYTHROPOIESIS, IRON METABOLISM

AND AEROBIC CAPACITY

GAO, H. [CHINA]

CP-PN21-4

RELIABILITY OF MUSCLE OXYGEN SATURATION MEASURED WITH A NIRS DEVICE AT VENTILATORY THRESHOLDS DURING INCREMENTAL EXERCISE TESTING ON A BICYCLE ERGOMETER

SCHOCH, R. ET AL. [SWITZERLAND]

CP-PN21-5

COMBINING NEAR-INFRARED SPECTROSCOPY AND HEART RATE VARIABILITY DERIVED THRESHOLDS TO ESTIMATE THE CRITICAL INTENSITY OF EXERCISE

FLEITAS-PANIAGUA, P.R. ET AL. [CANADA]

CP-PN21-6

BLOOD PRESSURE AND SKELETAL MUSCLE OXYGENATION DURING EXERCISE IN HEALTHY YOUNG SUBJECTS

VALTONEN, R. ET AL. [FINLAND]

CP-PN21-7

THE EFFECTS OF REMOTE AND LOCAL ISCHEMIC PRECONDITIONING ON LOCAL MUSCLE ENDURANCE AND TISSUE OXYGENATION

IDA, A. ET AL. [JAPAN]

CP-PN21-8

THE EFFECTS OF MATCHED INCREASES IN CEREBRAL BLOOD FLOW WITH EXERCISE OR HYPERCAPNIA ON SERUM AND PLASMA BRAIN-DERIVED NEUROTROPHIC FACTOR IN YOUNG ADULTS

NORTHEY, J. ET AL. [AUSTRALIA]

CP-PN21-9

SIMULATED HYPOXIA PROCEDURES: ORIGINAL INSIGHTS AND PERSPECTIVES FROM THE CLINICAL PHYSIOLOGY OF HYPOXIC RESPONSE PROJECT

BONDI, D. ET AL. [ITALY]

CP-PN21-10

EXERCISE RESPONSES TO HEART RATE CLAMPED CYCLING WITH GRADED EXTERNAL LIMB COMPRESSION

GIRARD, O. ET AL. [AUSTRALIA]

CP-BM18

Hall Bordeaux (PS 22)

Biomechanics

Chair(s):

DE ZEE, M. [DENMARK]

HAN, K. [UNITED STATES]

CP-BM18-1

COEFFICIENT OF FRICTION BETWEEN SLIP RESISTANT SAFETY SHOES AND DIFFERENT TYPES OF FLOORS

MUNK-HANSEN, M. ET AL. [DENMARK]

CP-BM18-2

EFFECTS OF IMMEDIATE FEEDBACK ON TACKLE TECHNIQUE IN RUGBY USING 3-DIMENSIONAL MOTION ANALYSIS: A CASE STUDY

YAO, N. [JAPAN]

CP-BM18-3

VELOCITY PATTERN OF NATIONAL LEVEL FEMALE ATHLETES OF BANGLADESH IN 200M SPRINT

ISLAM, M. [BANGLADESH]

CP-BM18-4

HOME OFFICE VERSUS ERGONOMIC WORKSTATION - IS THE ERGONOMIC RISK INCREASED WHEN WORKING AT THE DINING TABLE? AN INERTIAL MOTION CAPTURE BASED PILOT STUDY

OHLENDORF, D. ET AL. [GERMANY]

CP-BM18-5

ASYMMETRY INDEX OF KNEE EXTENSORS USING PEAK TORQUE VERSUS ANGLE-SPECIFIC ANALYSIS IN HEALTHY SUBJECTS

BARRUÉ-BELOU, S. ET AL. [SWITZERLAND]

CP-BM18-6

TOWARDS A NEW METHOD FOR EVALUATING IN VIVO HEAD KINEMATICS MEASURED BY INSTRUMENTED MOUTHGUARDS: A LABORATORY PROCEDURE FOR TIME-SYNCHRONISING WITH 3D MOTION CAPTURE

IZRI, E. ET AL. [UNITED KINGDOM]

CP-BM18-7

THE CHARACTERISTICS OF DISTRIBUTION OF VOLLEYBALL PASSING FOR SEVERAL DISTANCES

OZAWA, Y. ET AL. [JAPAN]

CP-BM18-8

THE EFFECTS OF 12-WK DANCE-MOVEMENT THERAPY ON THE FUNCTIONAL CAPACITY AND SARCOOPENIA PARAMETERS IN OLDER ADULTS

HOLA, V. [CZECH REPUBLIC]

CP-BM18-9

SYNTHETIC FEATHER VS WATERFOWL FEATHER SHUTTLECOCKS: DIFFERENCES IN MECHANICAL PROPERTIES, 3D FLIGHT KINEMATICS IN A SIMULATED SMASH AND ACCURACY OF SMASHES PERFORMED BY HIGHLY TRAINED SHUTTLERS

LEE, M. ET AL. [SINGAPORE]

CP-PN22

Hall Bordeaux (PS 23)

Physiology IV

Chair(s):

GORDON, D. [UNITED KINGDOM]

BARRETT, J. [UNITED KINGDOM]

CP-PN22-1

SEX DIFFERENCES IN EXOGENOUS GLUCOSE OXIDATION FOLLOWING AN ORAL GLUCOSE TOLERANCE TEST IN HEALTHY ACTIVE ADULTS

ESTAFANOS, S. ET AL. [CANADA]

CP-PN22-2

SUB-MAXIMAL OXYGEN CONSUMPTION ENHANCED BY 4 WEEKS OF HIGH-INTENSITY TRAINING WITH BLOOD FLOW RESTRICTION

GERNIGON, M. ET AL. [FRANCE]

CP-PN22-3

EFFECT OF AT-HOME BODYWEIGHT INTERVAL EXERCISE BEFORE OR AFTER BREAKFAST ON POSTPRANDIAL GLYCEMIA, AND POST-EXERCISE PERCEPTIONS OF APPETITE AND FAT OXIDATION IN FEMALES

GOVETTE, A. ET AL. [CANADA]

CP-PN22-4

CHANGES IN TEMPERATURE AND PH INFLUENCES THE EFFICIENCY OF MUSCLE MITOCHONDRIA IN MICE

TRANBERG, C. [DENMARK]

CP-PN22-5

CROSS-VALIDATION OF A NEW GENERAL POPULATION RESTING METABOLIC RATE PREDICTION EQUATION BASED ON BODY COMPOSITION

GEPNER, Y. [ISRAEL]

CP-PN22-6

MEASURED AND PREDICTED RESTING METABOLIC RATE OF PARALYMPIC ATHLETES

WEIJER, V.C.R. ET AL. [NETHERLANDS]

CP-PN22-7

EXOGENOUS LACTATE AUGMENTS EXERCISE-INDUCED IMPROVEMENT IN MEMORY BUT NOT IN HIPPOCAMPAL NEUROGENESIS

DEUNSOL, H. ET AL. [KOREA, SOUTH]

CP-PN22-8

THE INDIVIDUAL AND COMBINED EFFECTS OF EXERCISE AND THREE CONSECUTIVE NIGHTS OF PARTIAL SLEEP DEPRIVATION ON EXECUTIVE FUNCTIONS

BADARIOTTI, J.I. ET AL. [UNITED KINGDOM]

CP-AP20

Hall Bordeaux (PS 24)

Sprint running

Chair(s):

MACCHI, R. [FRANCE]

VANWANSEEELE, B. [BELGIUM]

CP-AP20-1

ACCURACY OF A NEW SETUP FOR MEASURING MECHANICAL VARIABLES DURING RUNNING SPRINTS USING THE 'SIMPLE METHOD'

SOUSA, F.A.B. ET AL. [BRAZIL]

CP-AP20-2

ISOKINETIC DATA RELATED TO RATE OF FORCE DEVELOPMENT IS BETTER CORRELATED TO ACCELERATION SPRINT PERFORMANCE THAN PEAK TORQUE.

BERTOCHI, G.F.A. ET AL. [BRAZIL]

CP-AP20-3

EFFECT OF DIFFERENT STARTING TECHNIQUES ON SPRINT SPEED AND LOWER EXTREMITY MUSCLE ACTIVATION FOR 50 M SPRINT

HUANG, B.X. ET AL. [TAIWAN]

CP-AP20-4

DIFFERENCES IN HAMSTRING MUSCLE ACTIVATION DURING MAXIMAL AND SUB-MAXIMAL SPRINTS

KNIEWASSER, C. ET AL. [GERMANY]

CP-AP20-5

EFFECT OF FORCE VELOCITY AND POWER-BASED TRAINING ON SPRINT PERFORMANCE: A PRELIMINARY STUDY

CHARENTUS, A. ET AL. [FRANCE]

CP-AP20-6

EFFECT OF HIGH-INTENSITY INTERVAL TRAINING AND REPEATED SPRINT TRAINING IN HYPOXIA ON PERFORMANCE IN FEMALE SPRINTERS

KASAI, N. ET AL. [JAPAN]

CP-AP20-7

EFFECTS OF ASSISTED NORDIC HAMSTRING EXERCISE ON STRENGTH, RANGE OF MOTION, MUSCLE SORENESS AND PERCEIVED EXERTION: A PILOT STUDY

CALLIS, L.J. ET AL. [UNITED KINGDOM]

CP-AP20-8

DOES MID-COOLING WITH ICE SLURRY INGESTION IN A HOT ENVIRONMENT IMPROVE INTERMITTENT SPRINT PERFORMANCE IN FEMALES PLAYING TEAM SPORTS?

IWATA, R. ET AL. [JAPAN]

CP-SH12

Hall Bordeaux (PS 25)

Imagery and psychological skill training

Chair(s):

WILCZYNSKA, D. [POLAND]

FILGUEIRAS-GONCALVES, A. [UNITED KINGDOM]

CP-SH12-1

AN EXPLORATION OF DIET AND MENTAL COPING STRATEGIES DURING THE ULTRA TOUR MONTE ROSA: A CASE STUDY

MAHON, E.A. ET AL. [UNITED KINGDOM]

CP-SH12-2

THE EFFECT OF A SIX WEEKS AO PLUS MI COMBINED INTERVENTION ON GOLF PUTTING ACCURACY: A PILOT, SINGLE-BLINDED, RANDOMIZED STUDY

ZHANG, Y. [CHINA]

CP-SH12-3

EFFECTS OF DIFFERENT PETTLEP IMAGERY TRAINING METHODS ON HIGH SCHOOL BASKETBALL PLAYERS' JUMP-SHOT PERFORMANCE, SELF-CONFIDENCE AND ANXIETY

CHIEN, T.H. [TAIWAN]

CP-SH12-4

THE EFFECT OF PSYCHOLOGICAL SKILLS TRAINING ON PERFORMANCE OF COMPETITIVE ATHLETES: A

SYSTEMATIC REVIEW AND META-ANALYSIS

ZHANG, X. ET AL. [CANADA]

CP-SH12-5

DEVELOPMENT OF AN INNOVATIVE VIRTUAL REALITY TRAINING SYSTEM AND ITS EFFECT ON MENTAL TRAINING IN GYMNASTS

SATO, Y. ET AL. [JAPAN]

CP-SH12-6

AN INVESTIGATION OF THE IMAGERY ASPECTS OF BLIND SOCCER PLAYERS WITH VISUAL IMPAIRMENT: TOWARDS PERFORMANCE IMPROVEMENT

MOMOSE, Y. [JAPAN]

CP-SH12-7

EFFECTS OF EYE MOVEMENT AND INTEREST ON MEMORY OF ADVERTISEMENTS DURING SPORTS BROADCASTS

ISOGAI, H. [JAPAN]

CP-SH12-8

THE EFFECTIVENESS OF HEAT PREPARATION AND ALLEVIATION STRATEGIES FOR COGNITIVE PERFORMANCE: A SYSTEMATIC REVIEW

BARGH, M.J. ET AL. [UNITED KINGDOM]

CP-SH12-9

PHYSICAL EXERCISE INFLUENCES ATTENTIONAL ORIENTATION TOWARDS EMOTIONAL STIMULI

MANSOURI, N. ET AL. [FRANCE]

CP-AP21

Hall Bordeaux (PS 26)

Recovery and Cycling

Chair(s):

SKORSKI, S. [GERMANY]

HECKSTEDEN, A. [AUSTRIA]

CP-AP21-1

IS THE VENTILATORY THRESHOLD A GOOD SURROGATE FOR MAXIMAL LACTATE STEADY STATE?

LACROIX, S. ET AL. [CANADA]

CP-AP21-2

DOES COUNTERMOVEMENT JUMP CAN BE USED TO EXAMINE PEAK POWER OUTPUT AND ACCELERATION PERFORMANCE IN SPRINT TRACK CYCLING?

MICHALIK, K. ET AL. [POLAND]

CP-AP21-3

ESTIMATION OF LACTATE THRESHOLD USING TIME-INVARIANT AND TIME-VARYING PARAMETER MODELS BASED ON HEART RATE AND POWER DATA

STESSENS, L. ET AL. [BELGIUM]

CP-AP21-4

THE COMPARISON OF FOAM ROLLING FORCE ON LOWER EXTREMITY MUSCLES BETWEEN YOUNG AND MIDDLE-AGED MEN AFTER ECCENTRIC CONTRACTION

WEN, H.J. ET AL. [CHINA]

CP-AP21-5

HOT WATER IMMERSION TO BOOST MUSCLE RECOVERY IN ATHLETES: A MATTER OF HEAT DOSE?

SAUTILLET, B. ET AL. [FRANCE]

CP-AP21-6

COMPARISON OF TWO DIFFERENT WAYS OF ACTIVE RECOVERY AFTER A MAXIMAL 500M IN HUNGARIAN YOUNG KAYAKERS.

TRÁJER, E. ET AL. [HUNGARY]

CP-AP21-7

NON-LINEAR HEART RATE VARIABILITY AS A NONINVASIVE BIOMARKER TO ASSESS THE PHYSIOLOGICAL STATUS OF TRIATHLETES DURING SIMULATED WARM-UP BOUTS

SCHAFFARCZYK, M. ET AL. [GERMANY]

Conventional Print Poster Presentations

CP-SH13

Hall Bordeaux (PS 27)

Sport psychology II

Chair(s):

GONZÁLEZ GARCÍA, H. [SPAIN]

PILZ-BURSTEIN, R. [ISRAEL]

CP-SH13-1

THE COMPETITIVE SPORT MENTALITY AND THE MENTALITY OF INDIVIDUAL ATHLETES AS REVEALED THROUGH JUNGIAN-ORIENTED COUNSELING

NAKAGOMI, S. ET AL. [JAPAN]

CP-SH13-2

IMPLEMENTATION OF THE SPECIFIC TRAINING OF EXECUTIVE FUNCTIONS IN FOOTBALL (STEFF) AMONG LOWER DIVISION FEMALE PLAYERS: A PILOT STUDY

FILGUEIRAS-GONCALVES, A. [UNITED KINGDOM]

CP-SH13-3

"IS IT REALISTIC?": THE EXPERIENCES OF ELITE FEMALE ATHLETES CONSIDERING PARENTHOOD

MCHUGH, T. ET AL. [CANADA]

CP-SH13-4

"WE'RE NOT THE SAME": A COMPOSITE VIGNETTE ON PREGNANCY AND MOTHERHOOD FOR ELITE ATHLETE MOTHERS IN AND OUT OF FUNDING PROGRAMMES

MASSEY, K. ET AL. [UNITED KINGDOM]

CP-SH13-5

GROUP INTERVIEWS ON MENSTRUATION WITH FEMALE AESTHETIC SPORTS COLLEGE ATHLETES —BASED ON THE FRAMEWORK OF HEALTH PROMOTION—

YAMANAKA, Y. ET AL. [JAPAN]

CP-SH13-6

ASSESSMENT OF COMPLAINT MECHANISMS FOR INTERPERSONAL VIOLENCE: WHAT CAN SPORT SETTINGS LEARN FROM RESEARCH-BASED RECOMMENDATIONS?

RADZISZEWSKI, S. ET AL. [CANADA]

CP-SH13-7

THE ASSOCIATION BETWEEN SPORTS SELF-IMAGE AND SPORTS PERFORMANCE IN COLLEGIATE ATHLETES: A MIXED METHODS STUDY

LEWIS, J. ET AL. [UNITED STATES]

CP-AP22

Hall Bordeaux (PS 28)

Force-velocity profile and testing

Chair(s):

NICOL, C. [FRANCE]

BICHOWSKA, M. [POLAND]

CP-AP22-1

PREDICTING ONE REPETITION MAXIMUM FROM THE LOAD VELOCITY RELATIONSHIP IN LOWER EXTREMITY RESISTANCE EXERCISES

KRISTIANSEN, M. ET AL. [DENMARK]

CP-AP22-2

INTER-INDIVIDUAL VARIABILITY IN ENDURANCE CAPACITY IN JUMPING: A SUPPORT TO FORCE-VELOCITY-ENDURANCE PROFILES

RIVIÈRE, J.R. ET AL. [FRANCE]

CP-AP22-3

DIFFERENCES IN LOAD-VELOCITY AND LOAD-POWER RELATIONSHIP BETWEEN MALES AND FEMALES

DELLO STRITTO, E. ET AL. [ITALY]

CP-AP22-4

INFLUENCE OF SEX AND STRENGTH DIFFERENCES ON THE LOAD-VELOCITY RELATIONSHIP OF THE SMITH-MACHINE BACK SQUAT

FITAS, A. ET AL. [PORTUGAL]

CP-AP22-5

THE INFLUENCE OF MAXIMAL ISOMETRIC STRENGTH ON COUNTERMOVEMENT JUMP PERFORMANCE AND STRATEGY

SANGARI, D. ET AL. [SOUTH AFRICA]

CP-AP22-6

COUNTER MOVEMENT JUMP WITH ARM SWING PRODUCES MORE CONSISTENT FORCE CURVE PERFORMANCES THAN COUNTER MOVEMENT JUMP WITHOUT ARM SWING

KOLLIAS, A. ET AL. [FRANCE]

CP-AP22-7

USING MOBILE APPLICATIONS TO EASILY AND RELIABLY CAPTURE PERFORMANCE FATIGABILITY DURING FUNCTIONAL EXERCISE TEST: PRELIMINARY EVIDENCE

SOURON, R. ET AL. [FRANCE]

CP-AP22-8

RELATIONSHIP BETWEEN CHANGE OF DIRECTION ABILITY AND LOWER-LIMB STRENGTH AND POWER MEASURES IN JUNIOR FEMALE RUGBY LEAGUE ATHLETES

DASCOMBE, B. ET AL. [AUSTRALIA]

CP-AP22-9

OPEN TRAP BAR, A VALID MODALITY FOR ASSESSMENT OF POWER, AND FORCE-VELOCITY PROFILE IN WEIGHTLIFTERS' SQUAT JUMPS.

LANTERI, T. ET AL. [FRANCE]

CP-AP22-10

CUSTOM-MADE BADMINTON-SPECIFIC FITNESS TEST DISCRIMINATES COMPETITIVE LEVEL OF PLAYERS

ANDO, R. ET AL. [JAPAN]

CP-SH14

Hall Bordeaux (PS 29)

Children and physical education

Chair(s):

CAPIO, C. [HONG KONG]

RISO, E. [ESTONIA]

CP-SH14-1

PARALLEL MULTIPLE MEDIATION EFFECT OF PHYSICAL EDUCATION MAJORS STUDENTS'S COLLEGE LIFE ADAPTATION ON THE RELATIONSHIP BETWEEN PHYSICAL SELF-EFFICACY AND CAREER

PREPARATION BEHAVIOR

YANG, E.S. ET AL. [KOREA, SOUTH]

CP-SH14-2

THE IMPACT OF PE, SPORT AND PA FOR SOCIAL INCLUSION IN ROMANIAN SCHOOLS

RADMANN, A. [NORWAY]

CP-SH14-3

THE EFFECT OF A 10-WEEK PHYSICALLY ACTIVE LEARNING INTERVENTION: FOCUS ON 10-YEAR OLD PUPILS DEVELOPMENT IN MATHEMATICS

BOGNÁR, J. ET AL. [HUNGARY]

CP-SH14-4

OVER-TIME CHANGE IN INTERNALIZING PROBLEMS IN CHILDREN WITH DEVELOPMENTAL COORDINATION DISORDER: A TWO-YEAR FOLLOW-UP STUDY

LI, Y.C. ET AL. [TAIWAN]

CP-SH14-5

HOW DO PARENT ATTITUDES TOWARDS PHYSICAL ACTIVITIES INFLUENCE CHILD EXERCISE BEHAVIOR?

SHIMIZU, Y. ET AL. [JAPAN]

CP-SH14-6

PARENTS' EXPECTATIONS THAT FACILITATE CORPORAL PUNISHMENT BY COACHES

UENO, K. [JAPAN]

CP-SH14-7

EFFECTS OF ACUTE EXERCISE AT DIFFERENT VOLUME-MATCHED LOADS ON EXECUTIVE FUNCTION IN OLDER ADULTS

CHEN, F.T. ET AL. [TAIWAN]

CP-SH14-8

EFFECT OF PARENTAL INVOLVEMENT AMONG HUNGARIAN YOUNG HANDBALL PLAYERS

KOVÁCS, K. ET AL. [HUNGARY]

CP-AP23

Hall Bordeaux (PS 30)

Endurance Testing

Chair(s):

TRISKA, C. [AUSTRIA]

GARLAND, S. [SWEDEN]

CP-AP23-1

DETERMINATION OF RUNNING CRITICAL POWER AND $\dot{V}O_{2\max}$ THROUGH TWO-TIME TRIALS

JAÉN-CARRILLO, D. ET AL. [SPAIN]

CP-AP23-2

REVISITING THE VALIDITY OF THE MAXIMAL AEROBIC POWER CONCEPT: THE MECHANICAL WORKRATE AT $\dot{V}O_{2\max}$ IS AN ARRAY, NOT A VARIABLE.

SABATER-PASTOR, F. ET AL. [FRANCE]

CP-AP23-3

MECHANICAL POWER OUTPUT AT 4 MMOL/L BLOOD LACTATE OF ELITE JUNIOR ROWERS IS ASSOCIATED WITH LONG-TERM CAREER ATTAINMENT

WINKERT, K. ET AL. [GERMANY]

CP-AP23-4

AGE-RELATED DIFFERENCES IN BLOOD LACTATE ACCUMULATION AND MAXIMAL BLOOD LACTATE CONCENTRATION IN RECREATIONAL ENDURANCE ATHLETES

KAMP, I. ET AL. [GERMANY]

CP-AP23-5

PATTERN OF THE HEART RATE PERFORMANCE CURVE IN MAXIMAL GRADED TREADMILL RUNNING FROM 1100 HEALTHY 18-65 YEARS OLD MEN AND WOMEN: THE 4 HAIE STUDY

BIRNBAUMER, P. ET AL. [AUSTRIA]

CP-AP23-6

SELF-REPORTED VAS SUBSTITUTING RPE TO EVALUATE EXERCISE LOAD IN AN INCREMENTAL RUNNING TEST

BIAN, C. ET AL. [CHINA]

CP-AP23-7

AGE AND GENDER SPECIFIC EVALUATION OF TWO DIFFERENT ENDURANCE TESTS IN TENNIS – HIT & TURN TENNIS TEST AND YO-YO INTERMITTENT RECOVERY TEST

WIECZOREK, V. ET AL. [GERMANY]

CP-AP23-8

THE SAME PHYSIOLOGICAL VARIABLES WERE RELATED TO MIDDLE DISTANCE PERFORMANCE IN RUNNING AND IN DOUBLE POLING

GJERLØW, L. [NORWAY]

CP-AP23-9

A VERIFICATION PHASE ADDS LITTLE VALUE TO THE DETERMINATION OF MAXIMUM OXYGEN UPTAKE IN TRAINED YOUNG ADULTS

BRUGGISSER, F. ET AL. [SWITZERLAND]

CP-SH15

Hall Bordeaux (PS 31)

Stress and anxiety

Chair(s):

SONG, Y. [KOREA, SOUTH]

NUNEZ, J. [SPAIN]

CP-SH15-1

STUDY OF THE PSYCHOLOGICAL PROCESS DURING THE ANTERIOR CRUCIATE LIGAMENT INJURY USING THE TRAJECTORY EQUIFINALITY APPROACH (TEA)

YAMAKAWA, R. ET AL. [JAPAN]

CP-SH15-2

THE EFFECTS OF EXERCISE AND SPORT SCIENCE OBJECTIVE STRUCTURED CLINICAL EXAMINATION ON STUDENTS' STRESS RESPONSE AND ACADEMIC ACHIEVEMENT.

BURGOS-POSTIGO, S. ET AL. [SPAIN]

CP-SH15-3

RELATIONSHIPS BETWEEN PSYCHOLOGICAL RESILIENCE AND COMPETITIVE LEVEL IN JUDO

RODRIGUEZ-ROMO, G. ET AL. [SPAIN]

CP-SH15-4

THE IMPACT OF WAR-INDUCED STRESS ON THE HEALTH AND PHYSICAL ACTIVITY OF UKRAINIANS

VOROBIOVA, A. ET AL. [UKRAINE]

CP-SH15-5

THE EFFECTS OF MENTAL STRESS ON SWIMMERS' PERFORMANCE AND PSYCHOPHYSIOLOGICAL VARIABLES

WELP, U. [BRAZIL]

CP-SH15-6

PHYSICAL BEHAVIOR PROFILES IN PHYSICAL EDUCATION TEACHERS: DO PROFILES DIFFER IN RECOVERY EXPERIENCES?

VON HAAREN-MACK, B. ET AL. [GERMANY]

CP-AP24

Hall Bordeaux (PS 32)

Olympic Sports

Chair(s):

VARESCO, G. [FRANCE]

OZAKI, H. [JAPAN]

CP-AP24-1

ROAD TO PARIS 2024: FORCE- VELOCITY PROFILE IN SPEED CLIMBERS

MUÑOZ DE LA CRUZ, V. ET AL. [SPAIN]

CP-AP24-2

TIME-MOTION ANALYSIS OF OLYMPIC WRESTLERS

DRIDER, A. ET AL. [FRANCE]

CP-AP24-3

PHYSIOLOGICAL DEVELOPMENT OF JUNIOR WINDSURFERS TO PREPARE FOR THE CHANGE OF OLYMPIC RACE CLASS FROM RS:X TO IQFOIL

CHAN, Y.Y. ET AL. [HONG KONG]

CP-AP24-4

CLUSTERING TECHNICAL APPROACHES OF WORLD CLASS POLE VAULTERS

CASSIRAME, J. ET AL. [FRANCE]

CP-AP24-5

KNEE INJURIES IN SPORT CLIMBING: A SYSTEMATIC REVIEW

GINSZT, M. ET AL. [POLAND]

CP-AP24-6

PERFORMANCE DETERMINANTS IN JUNIOR- AND ELITE-LEVEL AIR-RIFLE ATHLETES

SPANCKEN, S. ET AL. [GERMANY]

CP-AP24-7

THE INTERPLAY OF BIOMECHANICS AND BODY COMPOSITION IN KAYAK SPRINT PERFORMANCE: AN EXPLORATIVE STUDY

KLITGAARD, K. ET AL. [DENMARK]

CP-AP24-8

RELIABILITY OF THE MAXIMAL LACTATE ACCUMULATIONS RATE (VLAMAX) IN SUB-ELITE ROWERS

BROCKHERDE, J. ET AL. [GERMANY]

CP-AP24-9

FLYING HIGH: THE INFLUENCE OF A SIX-WEEK RESISTANCE TRAINING PROGRAMME ON ELITE TRAMPOLINE ATHLETE PERFORMANCE

HOWATSON, G. ET AL. [UNITED KINGDOM]

CP-SH16

Hall Bordeaux (PS 33)

Motivation

Chair(s):

BALAGUER, I. [SPAIN]

ESKANDARNEJAD, M. [IRAN]

CP-SH16-1

OPEN GOALS PRODUCE MORE ENJOYABLE EXPERIENCES AND EQUIVALENT LEVELS OF PHYSICAL ACTIVITY WHEN COMPARED TO SMART GOALS FOR INSUFFICIENTLY ACTIVE ADULTS

HAWKINS, R. ET AL. [UNITED KINGDOM]

CP-SH16-2

EXPRESSIVE PSYCHOLOGY OF DEOPBAEGI DANCE

BAEK, H. [KOREA, SOUTH]

CP-SH16-3

THE RELATIONSHIP BETWEEN MOTIVATIONAL REGULATIONS AND PHYSICAL ACTIVITY LEVELS DURING PHYSICALLY ACTIVE LESSONS AMONG 6TH AND 8TH GRADE ADOLESCENTS.

REINBOTH, M.S. ET AL. [NORWAY]

CP-SH16-4

TESTING MEASUREMENT INVARIANCE OF MOTIVATIONAL PROFILES IN SPORT AND PHYSICAL EDUCATION CONTEXT

HARBICHOVÁ, I. ET AL. [CZECH REPUBLIC]

CP-SH16-5

MEDIATION EFFECT OF BASIC PSYCHOLOGICAL NEEDS IN THE RELATIONSHIP BETWEEN LEADER'S AUTONOMY SUPPORT AND COLLEGE LIFE ADAPTATION IN STUDENT-ATHLETES

KIM, Y. ET AL. [KOREA, SOUTH]

CP-SH16-6

THE EFFECTS OF EMPOWERING AND DISEMPOWERING MOTIVATIONAL CLIMATE ON SELF DETERMINATION THEORY, FUN, AND BOREDOM AMONG STUDENT IN PHYSICAL EDUCATION CLASSES

DONG FANG, J.D. ET AL. [TAIWAN]

CP-SH16-7

THE ASSOCIATIONS BETWEEN PERCEIVED EMPOWERING AND DISEMPOWERING MOTIVATIONAL CLIMATE, COACH-RELATIONSHIP, SATISFACTION, AND DROPOUT INTENTION AMONG ATHLETES

TSAI, S.H. ET AL. [TAIWAN]

CP-SH16-8

BORN TO BE PROUD OR LEARNED TO BE PROUD: ANALYSES OF ASSOCIATIONS OF PRIDE WITH PERSONAL DETERMINANTS AND CAUSAL ATTRIBUTION STYLES

LEISTERER, S. ET AL. [GERMANY]

CP-SH16-9

NEED TO BELONG AND EXERCISE PARTICIPATION OF COMMUNITY-DWELLING ELDERLY FROM TAIWAN

WU, H.J. ET AL. [TAIWAN]

CP-SH16-10

THE SUSTAINABILITY INFLUENCE OF HOME TRAINING CONSUMPTION ENVIRONMENT ON HOME TRAINING CONSUMPTION BEHAVIOR OF RESIDENTS URBAN

SHEN, F. ET AL. [CHINA]

CP-AP25

Hall Bordeaux (PS 34)

Resistance Training II

Chair(s):

BAUDRY, S. [BELGIUM]

MORALES-ARTACHO, A. [FRANCE]

CP-AP25-1

INTRA- AND INTER-DAY RELIABILITY OF INERTIAL LOADS WITH CLUSTER SETS WHEN PERFORMED DURING A QUARTER SQUAT ON A FLYWHEEL DEVICE

RYAN, S. ET AL. [IRELAND]

CP-AP25-2

EFFECTS OF LOW-INTENSITY TORQUE-MATCHED ISOMETRIC TRAINING AT LONG AND SHORT MUSCLE LENGTHS OF THE HAMSTRINGS ON MUSCLE STRENGTH AND HYPERTROPHY

NAKAO, S. ET AL. [JAPAN]

CP-AP25-3

THE EFFECTS OF COLD-WATER TRAINING ON GRIP STRENGTH AND PERCEIVED COMPETENCE AMONG STUDENTS

LITLESKARE, S. ET AL. [NORWAY]

CP-AP25-4

EFFECTS OF IMPROVEMENT IN TAKEOFF MOTION ON LOWER LIMB STRETCH-SHORTENING CYCLE ABILITY

ZUSHI, A. ET AL. [JAPAN]

CP-AP25-5

DOES POST-ACTIVATION POTENTIATION AFFECT AGILITY PERFORMANCE?

DOCHERTY, C. [UNITED KINGDOM]

Conventional Print Poster Presentations

CP-AP25-6

RESPONDERS AND NON-RESPONDERS TO ECCENTRIC CYCLING TRAINING IN MUSCLE SIZE AND PERFORMANCE MEASURES

MAVROPALIAS, G. ET AL. [AUSTRALIA]

CP-AP25-7

BOTH CONTRAST AND CONSTANT INERTIAL FLYWHEEL LOADING IMPROVES JUMP PERFORMANCE, THROUGH ENHANCED MUSCLE CONTRACTILE MECHANICS.

SILVAMOORTHY, R. ET AL. [UNITED KINGDOM]

CP-SH17

Hall Bordeaux (PS 35)

Team Sport Psychology

Chair(s):

MIGLIACCIO, G. [ITALY]

FORSDIKE, K. [AUSTRALIA]

CP-SH17-1

SPORTS SCHOOLS AND THE CREATION OF CHAMPIONS: FOLLOWING 10 FEMALE HANDBALLERS FOR A DECADE

KRISTIANSEN, E. ET AL. [NORWAY]

CP-SH17-2

LEARNING BASKETBALL TACTICS BY IMAGINATION: INVESTIGATING THE EFFECTS OF TIME OF TESTING AND EXPERTISE LEVEL

MGUIDICH, H. ET AL. [FRANCE]

CP-SH17-3

RELATIONSHIP BETWEEN COACH-RATED PERFORMANCE, PHYSICAL FITNESS, SKILL PERFORMANCE, AND MENTAL SKILLS IN YOUTH SOCCER PLAYERS

TSENG, P.H. ET AL. [TAIWAN]

CP-SH17-4

TACTICAL LEXICAL KNOWLEDGE OF SOCCER BY AGE 15 AND 18

ACOUMAMBO, D. [FRANCE]

CP-SH17-5

DIFFERENCES IN DYNAVISON D2 COGNITIVE AND MOTOR SKILLS ASSESSMENTS AMONG VOLLEYBALL REFEREE LEVELS

ABU ALIM, M. [JORDAN]

CP-SH17-6

THE IMPACT OF GAME SCORE AND PITCHER HANDEDNESS ON BATTING DECISIONS IN BASEBALL PLAYERS

CHEN, Y.H. ET AL. [CHINA]

CP-SH17-7

GROWTH MINDSET BELIEFS AND PERCEPTIONS IN ELITE YOUTH SOCCER PLAYERS

BEST, M. [UNITED STATES]

CP-SH17-8

PSYCHOLOGICAL RISK FACTORS OF A FIRST HAMSTRING STRAIN INJURY IN SOCCER: A QUALITATIVE STUDY

BAIZE, D. ET AL. [FRANCE]

CP-SH17-9

CRICKET COACHES PERSPECTIVES ON PROVIDING AUGMENTED FEEDBACK TO THEIR PLAYERS

TISSERA, K. ET AL. [AUSTRALIA]

CP-AP26

Corridor Rooms 341 - 343 (PS 36)

Team Sports II

Chair(s):

PETRIDIS, L. [HUNGARY]

MACGREGOR, L. [UNITED KINGDOM]

CP-AP26-1

ANALYZING THE WATER POLO EGGBEATER: RELIABILITY AND VALIDITY OF A NOVEL APPROACH

CLÉMENT, J. ET AL. [CANADA]

CP-AP26-2

THE CURRENT COACHING PRACTICES IN THE FEMALE GAELIC FIELD SPORT OF CAMOGIE

CONNORS, P. ET AL. [IRELAND]

CP-AP26-3

TEST-RETEST RELIABILITY OF POWER, PINCH, AND TRIPOD GRIP STRENGTH IN BASEBALL PLAYERS PARK, W. ET AL. [KOREA, SOUTH]

CP-AP26-4

RELATIONSHIP BETWEEN PROTEIN INTAKE RECORDS AND PHYSICAL COMPOSITION AND PHYSICAL STRENGTH IN JAPANESE HIGH SCHOOL BASEBALL PLAYERS

KUNIYOSHI, H. [JAPAN]

CP-AP26-5

SAME, SAME OR DIFFERENT? ANALYSIS OF COMPLEX SPORT PROFILES IN BASKETBALL, ROWING AND TENNIS.

TRITTENBACH, S. ET AL. [GERMANY]

CP-AP26-6

THE EFFECTS OF AGE AND TRAINING PRESCRIPTION ON THE ACUTE RESPONSES TO TRAINING IN YOUNG ITALIAN RUGBY UNION PLAYERS

SPINABELLI, S. ET AL. [ITALY]

CP-AP26-7

COMPARISON OF THREE "ACUTE:CHRONIC" WORKLOAD RATIO METHODS TO MONITOR PROFESSIONAL RUGBY UNION PLAYERS' WORKLOAD AS A FUNCTION OF POSITIONS DURING PRE-SEASON PERIOD

REN, X. ET AL. [FRANCE]

CP-AP26-8

GPS AND SUBJECTIVE DATA DO NOT CORRELATE WITH MUSCLE DAMAGE ASSESSED BY BLOOD CREATINE KINASE LEVEL FOLLOWING INTERNATIONAL WOMENS RUGBY UNION GAME IMBERT, S. ET AL. [FRANCE]

CP-AP26-9

THE AUTONOMIC NERVOUS SYSTEM RECOVERY AFTER EXERCISE IS DIFFERENTLY AFFECTED BY INCREMENTAL VS. ALL-OUT TESTS

LOPES STORNILO, J. ET AL. [ITALY]

CP-SH18

Corridor Rooms 341 - 343 (PS 37)

Psychobiology

Chair(s):

HETTINGA, F. [UNITED KINGDOM]

FERRI, A. [AUSTRALIA]

CP-SH18-1

EFFECTS OF LONG-TERM RUNNING ON BRAIN STRUCTURE AND FUNCTION IN COLLEGE STUDENTS: A 2-YEAR FOLLOW-UP STUDY

KEYING, Z. ET AL. [CHINA]

CP-SH18-2

EFFECTS OF COMBINED PHYSICAL AND COGNITIVE TRAINING ON EXECUTIVE FUNCTION OF ADOLESCENT SHOOTING ATHLETES: A FUNCTIONAL NEAR-INFRARED SPECTROSCOPY STUDY

XIANG, M.Q. ET AL. [CHINA]

CP-SH18-3

RELATIONSHIP BETWEEN THE RESTING-STATE EEG BRAIN OSCILLATIONS AND ARCHERY SHOOTING PERFORMANCE

HUANG, C.C. ET AL. [TAIWAN]

CP-SH18-4

BIGOREXIA AND CONFRONTATION WITH SOCIALLY PROMOTED AESTHETIC IDEALS

GIORDANO, F. ET AL. [ITALY]

CP-SH18-5

A NEW EEG NEUROFEEDBACK TRAINING APPROACH IN SPORTS: THE EFFECTS FUNCTION-SPECIFIC INSTRUCTION OF EEG AND MOTOR SKILL PERFORMANCE

WANG, K.P. ET AL. [GERMANY]

CP-AP27

Corridor Rooms 341 - 343 (PS 38)

Football II

Chair(s):

WIESINGER, H. [AUSTRIA]

BEATO, M. [UNITED KINGDOM]

CP-AP27-1

EFFECTS OF 5-WEEK SOCCER TRAINING ON THE AEROBIC PERFORMANCE OF ELITE WOMEN SOCCER PLAYERS

RODRIGUES-FERREIRA, M.A. ET AL. [PORTUGAL]

CP-AP27-2

INTERRELATIONS BETWEEN AEROBIC CAPACITY AND ANAEROBIC POWER IN SOCCER PLAYERS UNDER 17 YEARS

PETSEVA, Y. ET AL. [BULGARIA]

CP-AP27-3

THE EFFECT OF SPECIFIC HIIT TRAINING WITH AN INTENSITY BETWEEN THE ANAEROBIC THRESHOLD AND THE PSYCHOMOTOR FATIGUE THRESHOLD ON THE PHYSIOLOGICAL PARAMETERS OF YOUNG SOCCER PLAYERS

CHMURA, P. ET AL. [POLAND]

CP-AP27-4

ACUTE FATIGUE EFFECTS OF SOCCER TRAINING SESSION IN YOUNG PLAYERS: ANALYSIS OF THE FUNCTIONAL PERFORMANCE

MANGINI, A. ET AL. [FRANCE]

CP-AP27-5

MANIPULATING TRAINING LOAD 48 HOURS AFTER A MATCH: EFFECTS ON RECOVERY RESPONSES IN ELITE YOUTH SOCCER PLAYERS

FRANCESCHI, A. ET AL. [ITALY]

CP-AP27-6

CORRELATION ANALYSIS OF EXPLOSIVE POWER AND SPECIAL PHYSICAL FITNESS IN ELITE WOMENS SOCCER PLAYERS

CHEN, L.Y. ET AL. [TAIWAN]

CP-AP27-7

THE INDEPENDENT EFFECTS OF MENSTRUAL CYCLE PHASE, MATCH LOCATION, MATCH RESULT AND THE QUALITY OF OPPOSITION ON SELF-REPORTED WELLBEING IN PROFESSIONAL FEMALE SOCCER PLAYERS: A SQUAD CASE STUDY
HANSELL, E. ET AL. [UNITED KINGDOM]

CP-AP27-8

EFFECTS OF 3D MULTIPLE OBJECT TRACKING TRAINING ON FRONTAL EEG'S IN PROFESSIONAL SOCCER PLAYERS
SAITO, Y. ET AL. [JAPAN]

CP-AP27-9

VALIDITY AND RELIABILITY OF A NEW WEARABLE CHEST-STRAP DEVICE TO MEASURE RESPIRATORY FREQUENCY IN ELITE SOCCER ATHLETES
DI PACO, A. ET AL. [ITALY]

CP-SH19

Corridor Rooms 351 - 353 (PS 39)

Cognition

Chair(s):

LUDYGA, S. [SWITZERLAND]

ZHANG, S. [UNITED KINGDOM]

CP-SH19-1

MULTI-DOMAIN ASSESSMENTS OF COGNITIVE FUNCTIONS IN ELITE ATHLETES ACCORDING TO THEIR SPORT TYPE AND SEX: PRELIMINARY RESULTS
ROMEAS, T. ET AL. [CANADA]

CP-SH19-2

VISUAL PERCEPTION AND DECISION MAKING IN DYNAMIC ENVIRONMENTS. AN EXPERIMENTAL STUDY IN BEACH VOLLEYBALL
VELENTZAS, K. ET AL. [GERMANY]

CP-SH19-3

EFFECTS OF EXERGAME TRAINING ON COGNITIVE AND CARDIAC AUTONOMIC FUNCTIONS IN HEALTHY MIDDLE-AGED AND OLDER ADULTS
CHU, I.H. ET AL. [CHINA]

CP-SH19-4

THE EFFECT OF ATTENTIONAL BIAS CAUSED BY INCREASED ANXIETY ON AVOID AND APPROACH BEHAVIORS
SAKEMOTO, N. ET AL. [JAPAN]

CP-SH19-5

THE EFFECT OF A SUPERVISED 9-WEEK EXERCISE PROGRAM ON EXECUTIVE FUNCTION IN COLLEGE STUDENTS
SCHAERZ, S. ET AL. [CANADA]

CP-SH19-6

THE RELATIONSHIP BETWEEN BELIEFS ABOUT ERRORS AND THE IMPACT ON POST-ERROR PERFORMANCE DURING MATCHES
SUDO, R. ET AL. [JAPAN]

CP-SH19-7

TO JUMP OR NOT TO JUMP – DECISION MAKING IN HIGH-STRESS SITUATIONS
FRÜHAUF, A. ET AL. [AUSTRIA]

CP-SH19-8

EFFECT OF COACHS POINTING GESTURES AND PLAYERS EXPERTISE ON VISUAL ATTENTION AND MEMORIZATION OF TACTICAL SCENES IN BASKETBALL
BEN CHIKHA, H. ET AL. [FRANCE]

CP-MH32

Corridor Rooms 351 - 353 (PS 40)

Orthopedics

Chair(s):

MASHIMO, S. [JAPAN]

VANWANSEEELE, B. [BELGIUM]

CP-MH32-1

SPORTS INJURY SURVEILLANCE PRACTICES AND METHODS IN UNIVERSITY STUDENT-ATHLETES: A SYSTEMATIC REVIEW
SCHIPPERS, R. [SOUTH AFRICA]

CP-MH32-2

INJURY PATTERNS IN ELITE GERMAN SOCCER PLAYERS: INJURY HISTORY, TYPOLOGIES, AND IMPLICATIONS
SCHWIEDE, C. ET AL. [GERMANY]

CP-MH32-3

PREVALENCE RATES OF SHOULDER AND ELBOW OVERUSE INJURIES AMONG COMPETITIVE OVERHEAD YOUTH ATHLETES IN SINGAPORE
LAU, R. ET AL. [SINGAPORE]

CP-MH32-4

TRAINING LOAD AND INJURIES IN LEINSTER SCHOOLBOY RUGBY PLAYERS; THE SCRUM STUDY
MURPHY, S. ET AL. [IRELAND]

CP-MH32-5

LACK OF PROPRIOCEPTIVE PLASTICITY IS ASSOCIATED WITH AT-RISK BIOMECHANICS FOR ANTERIOR CRUCIATE LIGAMENT INJURY.
PICOT, B. [FRANCE]

BIOMECHANICS

EP-UD01-1

AUTOMATIC DETECTION OF PARASWIMMERS FRONT CRAWL KEY POINTS TO ASSESS UPPER-LIMB COORDINATION

Regaieg, M. [France]

EP-UD01-2

CHARACTERISTICS OF THE MECHANICAL ENERGY CHANGES DURING THE SINGLE LEG JUMP MOVEMENT IN SPEED SKATERS

Yuda, J. et al. [Japan]

EP-UD01-3

THE IMPROVEMENT OF FREESTYLE STROKE IN PRESCHOOLERS BY THE STRUCTURED PROGRAM

Sato, K. [Japan]

EP-UD01-4

ANALYSIS OF THE BILATERAL LOWER EXTREMITIES OF FEMALE BASKETBALL PLAYERS: A PILOT STUDY

Tseng, P.C. et al. [Taiwan]

EP-UD01-5

BIOMECHANICAL CHARACTERISTICS AND ANECDOTAL REPORTS OF LOW BACK PAIN DURING ACTIVITIES OF DAILY LIVING IN INDIVIDUALS WITH CENTRAL OBESITY: A PILOT FEASIBILITY STUDY PROTOCOL

Nahorna, A. et al. [Switzerland]

EP-UD01-6

COMPARISON OF RATE OF TORQUE DEVELOPMENT DURING SINGLE-LEG AND DOUBLE-LEG WEIGHTLIFTING DERIVATIVES

Hayashi, R. et al. [Japan]

EP-UD01-7

STROKE IMBALANCE OF CHINA ELITE SHORT-DISTANCE FREESTYLE ATHLETES

Shang, M. [China]

EP-UD01-8

EFFECT OF FOUR-WEEK PLYOMETRIC TRAINING ON DELAYING MUSCLE FATIGUE IN ROWERS

Chang, C.H. et al. [Taiwan]

EP-UD01-9

THE EFFECTS OF FUNCTIONAL MOVEMENT TRAINING ON BAT-HEAD SPEED, BATTING KINEMATICS, AND FUNCTIONAL MOVEMENT SCREEN IN ADOLESCENT BASEBALL PLAYERS

Kuo, Y.L. et al. [Taiwan]

EP-UD01-10

DIFFERENT EFFECTS OF KNEE BRACE AND KINESIO TAPING ON THE BIOMECHANICS OF LOWER EXTREMITIES ON PATELLOFEMORAL PAIN SYNDROME SUBJECTS DURING CYCLING

Lin, H.T. et al. [China]

EP-UD01-11

NURSES' PHYSICAL BURDEN DURING REPOSITIONING OF BEDRIDDEN PATIENTS

Gräf, J. et al. [Germany]

EP-UD01-12

EFFECT OF DIFFERENT BICYCLE WHEELSET DESIGNS ON AERODYNAMIC DRAG

Chen, C.H. et al. [Taiwan]

EP-UD01-13

THE INFLUENCE OF CARRY ON CLUB LENGTH AND LOFT ANGLE IN COLLEGE GOLFERS

Kashiwagi, Y. et al. [Japan]

EP-UD01-14

LOADED COUNTERMOVEMENT JUMP EXERCISE USING ELASTIC BANDS POTENTIATES SUBSEQUENT JUMP PERFORMANCE FOLLOWING A COMPREHENSIVE TASK-SPECIFIC WARM-UP

Mina, M.A. et al. [United Kingdom]

EP-UD01-15

MUSCLE FIBER CONDUCTION VELOCITY AND SELECTED BIOMOTOR ABILITIES IN SOCCER PLAYERS

Kurz, E. et al. [Germany]

EP-UD01-16

RELATIONSHIP BETWEEN LOWER LIMB AND TRUNK ANGLES DURING THE ROWING MOTION AND MUSCLE STRENGTH IN HIGH-SCHOOL CANOE SPRINT ATHLETES

Nakagawa, K. et al. [Japan]

EP-UD01-17

AN ANALYSIS OF KEY PERFORMANCE INDICATORS DURING 50 AND 100 METER SWIM LENGTHS ACROSS FOUR SWIM STROKES

Bozyigit, G. et al. [Canada]

EP-UD01-18

TRADE-OFF RELATIONSHIP BETWEEN SPEED AND ACCURACY AT A SPECIFIC TIME EXAMINED USING A VERTICAL JUMP TASK

Murakami, H. et al. [Japan]

EP-UD01-19

RELATIONSHIP BETWEEN BODY CENTRE OF GRAVITY VELOCITY AND LOWER LIMB JOINT ANGLES IN LUNGE MOVEMENT OF FENCING ATHLETES

CHIDA, K. et al. [Japan]

EP-UD01-20

ESTIMATIONS OF BODY SEGMENT PARAMETERS AND WHOLE-BODY COMPOSITION IN JAPANESE ADULT FEMALES USING MRI METHODS

Furuta, N. et al. [Japan]

EP-UD01-21

INFLUENCE OF MEDIAL LONGITUDINAL ARCH HEIGHT AND REDUCED ANKLE DORSIFLEXION ON KNEE DYNAMIC ALIGNMENT DURING SINGLE LEG SQUAT

KAGAYA, Y. [Japan]

EP-UD01-22

TEMPORAL CHARACTERISTICS OF HOPPING MOVEMENT IN PRESCHOOL CHILDREN

Sasaki, R. et al. [Japan]

EP-UD01-23

LONG-DISTANCE RUNNER'S VASTUS LATERALIS ARCHITECTURE PARAMETERS ARE LARGER THAN THE CONTROL GROUP, BUT KNEE EXTENSOR TORQUE IS NOT.

Matta, T. et al. [Brazil]

EP-UD01-24

DUAL-TASK INTERFERENCE ON TRUNK-PELVIS COORDINATION DURING GAIT IN INDIVIDUALS WITH PARKINSONS DISEASE

Sam, M. et al. [Namibia]

EP-UD01-25

THE FMS PROFILE WITH TRAINING INTENSITY FOR TENNIS PLAYERS OF COLLEGE TEAM AND HIGH SCHOOL TEAM

Tang, W. et al. [Taiwan]

EP-UD01-26

SCAPULAR MUSCLES ACTIVATION DURING TWO ADAPTATIONS OF THE SHRUG EXERCISE

Torrado Pineda, P. et al. [Spain]

EP-UD01-27

FUNCTIONAL ANKLE INSTABILITY SCORES ARE NOT RELATED TO DYNAMIC POSTURAL STABILITY INDICES IN NETBALL PLAYERS.

Green, A. et al. [South Africa]

EP-UD01-28

DONIMANT VERSUS NON-DOMINANT FOOT INITIATION OF THE SIT TO WALK MOVEMENT: DIFFERENCES OF THE VERTICAL GROUND REACTION FORCE TEMPORAL PROFILE

Boudolos, K. et al. [Greece]

EP-UD01-29

INERTIALLY SENSED BREATHING 3D LINEAR ACCELERATIONS OF THE ABDOMINAL WALL IN THE HEADSTAND AND THE UPRIGHT STANCE

Rousanoglou, E. et al. [Greece]

EP-UD01-30

EFFECT OF AN EXERCISE BOUT ON WALKING SYMMETRY AND REGULARITY FOR PEOPLE WITH TRANS-TIBIAL AMPUTATION

Strike, S. [United Kingdom]

EP-UD01-31

POSTURAL CONTROL IN CHILDHOOD AND ADOLESCENCE

Sahinis, C. [Greece]

EP-UD01-32

HOW TO AFFECT THE DIFFERENT SHOE-LACING ON IMPACT ACCELERATION AND PERCEIVED COMFORT RUNNING?

SÁNCHEZ-RIBES, E. et al. [Spain]

EP-UD01-33

MEASURING CADENCE IN ROAD CYCLING BASED ON MACHINE LEARNING AND SEAT POST MOTION

Hollaus, B. et al. [Austria]

EP-UD01-34

INERTIALLY SENSED INTER- AND INTRA-TRIAL RELIABILITY OF MOVEMENT PATTERN DURING REPETITIVE SQUATTING

Emmanouil, A. et al. [Greece]

COACHING

EP-UD01-1

RELATIONSHIP BETWEEN ANTHROPOMETRIC CHARACTERISTICS AND BALL VELOCITY IN ELITE ADOLESCENT HANDBALL PLAYERS

Noutsos, K. et al. [Greece]

EP-UD01-2

STRUCTURAL RELATIONSHIP BETWEEN SUBJECTIVE CONFIDENCE AND OBJECTIVE KNOWLEDGE IN DECISION-MAKING

Nagamine, K. et al. [Japan]

EP-UD01-3

THE CLASSIFICATION AND PREDICTION OF FACTORS REGARDING AWARENESS OF COMPREHENSIVE COMMUNITY SPORT CLUBS USING A TREE STRUCTURE

Annoura, T. et al. [Japan]

EP-UD01-4

TRAINING DISTRIBUTION IN ROWERS: A CASE STUDY OF AN OLYMPIC GOLD MEDALIST

Wang, Y. [China]

EP-UD01-5

PERFORMANCE INDICATORS THAT PREDICT SUCCESS DURING COUNTER-ATTACKS IN WORLD CUP MATCHES

APOSTOLIDIS, N. et al. [Greece]

EP-UD01-6

A KINEMATIC ANALYSIS OF THE EFFECT OF THE DIFFERENT BALL MASS ON THE KICKING MOTION IN THE SOCCER PLAYER OF ELEMENTARY SCHOOL

Tago, T. et al. [Japan]

EP-UD01-7

CHARACTERISTICS AND DIFFERENCES IN THE VERBAL RESPONSES OF EXPERT AND NOVICE BASKETBALL COACHES ELICITED BY COGNITION OF FIXED VTR IMAGES AND VR IMAGES

Yasuyuki, N. [Japan]

EP-UD01-8

A STUDY ON PERFORMANCE COMPOSITION OF UNEVEN BARS

MURAYAMA, D. [Japan]

EP-UD01-9

A STUDY ON IMPROVEMENT OF TEACHING SKILL OF BALL MOVEMENT IN UNIVERSITY STUDENT AIMED BECOME SPORTS INSTRUCTOR

YAMADA, M. [Japan]

EP-UD01-10

STUDY ON ATHLETIC ABILITY THAT DETERMINE INFANT'S ABILITY OF LONG THROW : EXAMINATION OF CONTRIBUTION BY MULTIPLE REGRESSION ANALYSIS

Murakami, K. et al. [Japan]

EP-UD01-11

FEATURES OF VISUAL SEARCH BEHAVIOR DURING BALL TRACKING IN UNIVERSITY TABLE TENNIS PLAYERS

Sugajima, Y. et al. [Japan]

EP-UD01-12

DECISION-MAKING OF PLAYERS WITH SOCCER AND FUTSAL BACKGROUND

Smirniotou, A. et al. [Greece]

EP-UD01-13

EYE TRACKING ANALYSIS DURING VOLLEYBALL SPIKE USING WEARABLE DEVICE -COMPARISON OF BEGINNER, INTERMEDIATE AND ADVANCED PLAYERS-

Kato, T. et al. [Japan]

EP-UD01-14

CHANGES IN PLAYERS' PERCEIVED RECOVERY AND MUSCLE SORENESS DURING AND AFTER A CONGESTED WEEK IN A U-19 SOCCER TEAM FROM THE CZECH REPUBLIC

Paludo, A.C. et al. [Czech Republic]

DISABILITIES

EP-UD01-1

KNOWLEDGE ABOUT SLEEP HYGIENE AND SLEEP BEHAVIORS OF PARALYMPIC ATHLETES: TOKYO 2020 PARALYMPIC GAMES

Mello, M.T. et al. [Brazil]

EP-UD01-2

EFFECTS ON BODY TEMPERATURE OF PROTECTING THE SKIN OF PERSONS WITH SPINAL CORD INJURY TO PROMOTE PHYSICAL ACTIVITY IN A HOT ENVIRONMENT

Hayashi, S. et al. [Japan]

EP-UD01-3

SPRINT-INTERVAL TRAINING AFFECTS CARDIORESPIRATORY COORDINATION IN OLDER ADULTS WITH INTELLECTUAL DISABILITIES

Tamulevicius, N. et al. [United States]

HEALTH AND FITNESS

EP-UD01-1

EFFECT OF A SIX-WEEK CROSSFIT TRAINING ON THE BLOOD LIPID PROFILE AND ATHEROGENIC INDEX OF PLASMA (AIP) IN PHYSICALLY ACTIVE MEN

Sadowska-Krepa, E. et al. [Poland]

EP-UD01-2

THE INFLUENCE OF A SERIES OF TEN SAUNA BATHS ON HEMATOLOGICAL BIOMARKERS AND CHANGES OF PLASMA VOLUME FOLLOWING A SUBMAXIMAL EXERCISE TEST IN ELITE ATHLETES

Pokora, I. et al. [Poland]

EP-UD01-3

EFFECTS ON EXERCISE ON AD7C-NTP LEVELS AND COGNITIVE FUNCTION AMONG ACTIVE ELDERLY KOREAN ADULTS

Kim, D.H. et al. [Korea, South]

EP-UD01-4

THE COVID-19 EFFECT ON HEALTH- AND RISK BEHAVIOUR AND LIFE SITUATION OF UNIVERSITY STUDENTS IN HUNGARY

Uvacek, M. et al. [Hungary]

EP-UD01-5

COMPARISON OF MOTIVATION AND GENDER DIFFERENCES AMONG UNIVERSITY STUDENTS ATTENDING PHYSICAL ACTIVITIES COMPULSORILY AND VOLUNTARILY

NG, S.K. [China]

EP-UD01-6

THE EFFECTS OF A GUIDED EXERCISE PROGRAM ON FITNESS LEVEL AND ON SELF-ESTEEM IN MENOPAUSE: A LONGITUDINAL STUDY

Kneffel, Zs. et al. [Hungary]

EP-UD01-7

EFFECT OF TIME-EFFICIENT OCCUPATIONAL EXERCISE ON CARDIORESPIRATORY FITNESS IN FIREFIGHTERS

Haines, M. [United Kingdom]

EP-UD01-8

COULD A SINGLE SESSION OF BALANCE AND COORDINATION EXERCISES IMPROVE ATTENTION IN OLDER ADULTS?

Dunsky, A. et al. [Israel]

EP-UD01-9

OBESITY AND NUTRITIONAL STATUS OF HUNGARIAN TEACHERS

Baloghné Bakk, A. et al. [Hungary]

EP-UD01-10

BROWN ADIPOSE TISSUE ACTIVATION DETECTED BY THERMAL IMAGING IN TACTICAL ATHLETES

da Rosa, S. et al. [Portugal]

EP-UD01-11

HYBRID-TYPE, MULTICOMPONENT INTERVAL TRAINING IMPROVES CARDIAC MORPHOLOGY IN MIDDLE-AGED OVERWEIGHT AND OBESE ADULTS: A 1-YEAR DOSE-RESPONSE PRAGMATIC RANDOMISED CONTROLLED TRIAL

Batrakoulis, A. et al. [Greece]

EP-UD01-12

FITNESS CONDITION OF HUNGARIAN SECONDARY SCHOOL STUDENTS BEFORE AND AFTER THE COVID-19 PANDEMIC

Toth, O. et al. [Hungary]

EP-UD01-13

EXAMINING THE EFFECTS OF POSTURE IMPROVING EXERCISES DURING PE CLASSES

Nagyvaradi, K. et al. [Hungary]

EP-UD01-14

CHANGES IN LIFESTYLE BEHAVIORS AND PHYSICAL FITNESS OF JAPANESE CHILDREN DURING THE COVID-19 PANDEMIC: RESULTS FROM A 7-YEAR REPEATED CROSS-SECTIONAL STUDY

Hyunshik, K. [Japan]

EP-UD01-15

ANALYSIS OF FALL RISK AND GAIT PATTERNS DURING WALKING ACCORDING TO FALL EXPERIENCE IN OLDER KOREAN WOMEN

Kang, H.J. et al. [Korea, South]

EP-UD01-16

DOES PINCH STRENGTH HAVE A RELATIONSHIP WITH SHOE TYING SPEED IN COLLEGE WOMEN ATHLETES?

Stuck, P. et al. [United States]

EP-UD01-17

INTERVAL AEROBIC/RESISTANCE EXERCISE TRAINING DEPRESSES ADRENERGIC-INDUCED APOPTOSIS OF CD4+ LYMPHOCYTE IN SEDENTARY MALES

Wang, J.S. [Taiwan]

EP-UD01-18

AEROBIC EXERCISE IMPROVES PHYSICAL FITNESS IN OLDER ADULTS BY MEDIATING MIR-21 AND BODY COMPOSITION: A RANDOMIZED CONTROLLED TRIAL

Hsu, C.C. et al. [Taiwan]

EP-UD01-19

EFFECT OF TWO WEEKS AROMATHERAPY ON PAIN, FUNCTION OF LIFE, AND NECK FLEXION ENDURANCE AMONG PATIENTS WITH CERVICOGENIC HEADACHE

SHU CHENG, L. et al. [Taiwan]

EP-UD01-20

CIRCUIT AEROBIC TRAINING IMPROVES BIOENERGETICS AND DEPRESSES SENESCENCE OF LYMPHOCYTES IN SEDENTARY MALES

Lin, Y.T. et al. [Taiwan]

EP-UD01-21

MOVE WELL, BE STRONG: GRASSROOT COACHES' AND PHYSICAL EDUCATION TEACHERS' KNOWLEDGE, ATTITUDE AND CONFIDENCE TOWARDS DEVELOPING THE MOVEMENT COMPETENCY OF CHILDREN IN SAUDI ARABIA

De Ste Croix, M. et al. [United Kingdom]

EP-UD01-22

SYSTEMATIC REVIEW ON THE EFFECTS OF EXERCISE WITH AND WITHOUT BREAKFAST CONSUMPTION ON COGNITIVE PERFORMANCE

Hsieh, S.S. et al. [United Kingdom]

EP-UD01-23

COMPARISON BETWEEN AUGMENTED REALITY AND TRADITIONAL LOWER EXTREMITY STRENGTHENING TRAINING ON RANGE OF MOTION, BALANCE AND PROPRICEPTION IN HEALTHY ADULT

Yu, J. [Korea, South]

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Chan, W. et al. [Taiwan]

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Simon, L. et al. [France]

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A COMBINED INFRARED METHOD WITH THERMAL IMAGING AND RASTERSTEROGRAPHY TO ASSESS BACK CHANGES IN HEALTHY INDIVIDUALS: A CROSS-SECTIONAL STUDY

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FROM INJURY PREDICTION TO INJURY RISK ASSESSMENT, CAN WE MODEL REAL-TIME ACTIONABLE INSIGHT FROM HETEROGENEOUS TRAINING AND HEALTH DATA?

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Xiao, Q. et al. [China]

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COMMON RISK FACTORS FOR SPORTS INJURIES IN AMATEUR BASKETBALL MALES

Su, X.Y. et al. [China]

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BIOIMPEDANCE ANALYSIS IS A NEW INDICATOR OF EXERCISE-INDUCED MUSCLE DAMAGE

YAMAGUCHI, S. et al. [Japan]

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TEMPORARILY INSUFFICIENT SLEEP DOES NOT NEGATIVELY INFLUENCE ON CAROTID ARTERY STIFFNESS RESPONSE TO CARDIOPULMONARY EXERCISE IN YOUNG ADULTS

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Wu, C.C. et al. [Taiwan]

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Nao, Y. et al. [Japan]

EP-UD01-21

LOW BACK PAIN STATUS OF COLLEGE ATHLETES IN RELATION TO DIFFERENT MUSCULOSKELETAL PROBLEMS

Huang, H.C. et al. [Taiwan]

EP-UD01-22

EXPLORING BARRIERS AND FACILITATORS TO DELIVERING INJURY PREVENTION TRAINING IN YOUTH SOCCER FROM GRASS-ROOT COACHES' PERSPECTIVES: A EUROPEAN STUDY

Barden, C. et al. [United Kingdom]

EP-UD01-23

ACTIVITY DURING REST BREAKS, FITNESS LEVEL AND INJURIES IN PROFESSIONAL BALLET DANCERS

Rakovac, M. et al. [Croatia]

EP-UD01-24

SERUM LEVELS OF BONE FORMATION AND RESORPTION MARKERS IN RELATION TO VITAMIN D STATUS IN PROFESSIONAL ATHLETES AND PHYSICALLY ACTIVE MEN DURING UPPER AND LOWER BODY HIGH-INTENSITY EXERCISE

Waldzinski, T. et al. [Poland]

EP-UD01-25

HOW DOES ACHILLES TENDON RUPTURE AFFECT SPORTS PERFORMANCE AFTER RETURN TO PLAY? A MEDIA-BASED, MATCHED-PAIRS ANALYSIS IN MALE ELITE BASKETBALL ATHLETES.

Wilke, J. et al. [Austria]

EP-UD01-26

CONCUSSION AWARENESS IN KARATE CHILDREN INTERNATIONAL COMPETITORS

Arriaza, R. et al. [Spain]

EP-UD01-27

DEVELOPMENT OF A STANDARDIZED QUESTIONNAIRE TO REPORT MECHANISMS OF FALL-RELATED INJURIES IN SPORT CLIMBING

Luiggi, M. [France]

EP-UD01-28

MUSCLE OXYGEN SATURATION AS A DIGITAL BIOMARKER TO GUIDE THE RETURN TO PLAY OF ATHLETES FOLLOWING ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION

VanBibber, H. et al. [United States]

STATISTICS AND ANALYSES

EP-UD01-1

THE RELATIONSHIP BETWEEN THE AMOUNT OF KNOWLEDGE IN SAILING COMPETITIONS AND THE FACTORS OF GENDER, AGE, COMPETITIVE AGE, POSITION, AND BOAT TYPE

Sakaguchi, H. et al. [Japan]

EP-UD01-2

LONGITUDINAL CHANGES IN BASKETBALL DRIBBLING SKILLS BY SPORTS EVENT USING LINEAR MIXED MODEL

Aoyagi, O. et al. [Japan]

EP-UD01-3

COMPARISON OF ATTACK INDICATORS OF NÖMME KALJU FOOTBALL CLUB IN THE PREMIUM LEAGUE IN SEASONS 2018 AND 2021

Stamm, R. et al. [Estonia]

EP-UD01-4

POS-PANDEMIC ERA INQUIRY TENDENCY FOR SUBSTANCES PROHIBITED IN SPORTS: DATA ANALYSIS OF TAIWANESE ANTI-DOPING SERVICES.

Chen, C.C. et al. [Taiwan]

EP-UD01-5

ANALYSIS OF THE COMPETITION PATTERN OF CHINESE COLLEGE STUDENTS TAEKWONDO COMPETITION IN 2022

Sun, J. [China]

EP-UD01-6

ADDITIONAL MEASURES IMPROVE HRV BASED VENTILATORY THRESHOLD ESTIMATION ACCURACY COMPARED TO STATE-OF-THE-ART DFA-A1 ALGORITHM

Eronen, T. et al. [Finland]

EP-UD01-7

COMPARISON OF GAME VARIABLES IN THE MAIN EUROPEAN RINK HOCKEY LEAGUES

Arboix-Alió, J. et al. [Spain]

EP-UD01-8

PHYSICAL QUALITIES AND THEIR RELATIONSHIP TO MATCH PERFORMANCE IN FEMALE YOUTH BASKETBALL PLAYERS.

Theos, A. et al. [Sweden]

EP-UD01-9

NEURAL CORRELATES OF SPORT-SPECIFIC SPATIAL ANTICIPATION: A SYSTEMATIC REVIEW FOR FUTURE APPLICATION OF NEUROPHYSIOLOGICAL METHODS WITH ENHANCED ECOLOGICAL VALIDITY

Asamoah, J. [Germany]

EP-UD01-10

IN SEARCH OF THE SIGNATURE OF PERCEPTUAL-MOTOR EXPERTISE IN 4X100 M RELAY

Stefanuto, L. et al. [France]

EP-UD01-11

PERFORMANCE EVALUATION OF THE 2022 FIFA WORLD CUP TEAMS USING THE MEASURE OF

SPATIAL ENTROPY OF SUCCESSFUL PASSES

Xiong, X. et al. [China]

EP-UD01-12

PERFORMANCE PROFILES & PEAK AGE OF ADOLESCENT TRIPLE JUMP CONTESTANTS AT YOUTH OLYMPIC GAMES

Niessen, M. et al. [Germany]

EP-UD01-13

TEXT NETWORK ANALYSIS USING RESEARCH KEYWORDS IN FOOTBALL ARTICLES BETWEEN 1948 AND 2022

Kim, J. [United Kingdom]

EP-UD01-14

PACING PATTERNS IN THE LAST DECADE OF WORLD ROWING CHAMPS AND OLYMPIC GAMES

García-González, P. et al. [Germany]

EP-UD01-15

TACTICAL ANALYSIS IN OLYMPIC WRESTLING: A MARKOV CHAIN APPROACH

MOUSSA, I. et al. [France]

EP-UD01-16

PERFORMANCE ESTIMATION BASED ON BIOMETRIC PARAMETERS

Barlier, K. [France]

TRAINING AND TESTING

EP-UD01-1

THE EFFECTS OF SHORT-TERM HIGH-INTENSITY INTERVAL TRAINING VS. GENERAL INTERVAL TRAINING IN RUGBY PLAYERS

Liu, C.M. [Taiwan]

EP-UD01-2

COMPARASION OF PHYSIOLOGY CHARACTERISTICS OF DIFFERENCE POSITION IN ELITE MALE HANDBALL PLAYERS

Xiaobin, W. [China]

EP-UD01-3

A NOVEL FORMULA USING ENERGY CONTRIBUTIONS TO CALCULATE PURE MAXIMUM RATE OF LACTATE PRODUCTION (PNLA.MAX) DURING AN ALL-OUT ANAEROBIC CYCLING TEST

KIM, Y. [Korea, South]

EP-UD01-4

RELIABILITY OF A NOVEL INDOOR GPS TECHNOLOGY DURING A BASKETBALL EXERCISE SIMULATION TEST

Hamlin, M.J. et al. [New Zealand]

EP-UD01-5

HEART RATE VARIABILITY AND ITS ASSOCIATION WITH TRAINING AND MATCH LOAD IN FEMALE SOCCER PLAYERS

Parpa, K. et al. [Cyprus]

EP-UD01-6

A COMPARISON OF OVERHAND AND SIDE-HAND THROW TECHNIQUES IN HANDBALL THROW: EXPLORING THE EFFECT OF PHYSICAL CONSTITUTION AND STRENGTH ON THROWING PERFORMANCE

Maeda, K. et al. [Japan]

EP-UD01-7

PHYSICAL FITNESS COMPARISON BETWEEN PROFESSIONAL SOCCER PLAYERS AND U17 ELITE YOUTH

Michaelides, M. [Cyprus]

EP-UD01-8

ACUTE PHYSIOLOGICAL RESPONSES TO HYPEROXIC HIGH-INTENSITY INTERVAL EXERCISE IN HORSES

Mukai, K. et al. [Japan]

EP-UD01-9

MULTIFACTORIAL INDIVIDUALISED PROGRAMME FOR HAMSTRING MUSCLE INJURY RISK REDUCTION IN PROFESSIONAL FOOTBALL: A PROSPECTIVE COHORT STUDY

Lahti, J. et al. [Finland]

EP-UD01-10

FATIGUE IN A SHUTTLE REPEATED SPRINT-RUNNING TEST IN MALE AND FEMALE STUDENTS IN A SCHOOL SETTING: A COMPARISON BETWEEN CALCULATION METHODS

Tsoukos, A. et al. [Greece]

EP-UD01-11

EVALUATING HANDBALL THROWING USING OBSERVATIONAL STANDARDS FOR SOFTBALL THROWING

Kato, T. et al. [Japan]

EP-UD01-12

THE EFFECTS OF DARK CHOCOLATE SUPPLEMENTATION ON RATE OF PERCEIVED EXERTION AND FATIGUE INDEX DURING ANAEROBIC SPRINT TEST

Balasekaran, G. et al. [Singapore]

EP-UD01-13

EFFECTS OF ENDURANCE TRAINING ON ATHLETIC RECORDS AND ANAEROBIC POWER PRODUCTION CAPACITY IN JAPANESE LONG-DISTANCE RUNNERS.

Miyazaki, D. et al. [Japan]

EP-UD01-14

EFFECTS OF DRY-LAND STRENGTH TRAINING SESSION ON SWIMMING PERFORMANCE THE FOLLOWING DAY

Toubekis, A. et al. [Greece]

EP-UD01-15

EFFECTS OF REDUCED CONCURRENT TRAINING FREQUENCY ON MUSCLE HYPERTROPHY, MUSCLE STRENGTH AND AEROBIC POWER

Terzis, G. et al. [Greece]

EP-UD01-16

A STUDY OF PHYSICAL FITNESS TEST ITEMS FOR EFFECTIVE USE IN SOCCER COACHING - FOCUSING ON PHYSICAL FITNESS TESTS INCLUDING REACTION COMPONENTS

Fukushi, N. et al. [Japan]

- EP-UD01-17
EFFECT OF CARBON FIBER PLATE EQUIPPED RUNNING SHOES ON LACTATE METABOLISM DURING INCREMENTAL RUNNING TEST
Suzuki, Y. [Japan]
- EP-UD01-18
MAXIMUM VELOCITY SPRINT TRAINING: A CASE STUDY INVESTIGATING ECCENTRIC HAMSTRING STRENGTH, FASCICLE LENGTH AND FORCE, VELOCITY, AND POWER PROFILING IN SEMI-PROFESSIONAL AUSTRALIAN FOOTBALL.
Freeman, B. et al. [Australia]
- EP-UD01-19
VALIDITY OF USING PERCEIVED EXERTION TO ASSESS MUSCLE FATIGUE DURING BENCH PRESS EXERCISE
Hanye, Z. et al. [Japan]
- EP-UD01-20
THE USE OF ARMS IN WRESTLING KUMITE
Ito, S. et al. [Japan]
- EP-UD01-21
DIAGNOSTICS OF LOWER EXTREMITY EXPLOSIVE MUSCULAR STRENGTH ON RUNNING SINGLE-LEG VERTICAL JUMP WITH DIFFERENT APPROACH DISTANCES
Chang, Y.H. et al. [Taiwan]
- EP-UD01-22
THE IMPACT OF BALANCE AND MINDFULNESS TRAINING ON YOUNG BIATHLETES SHOOTING EFFICIENCY
Slomka, K.J. et al. [Poland]
- EP-UD01-23
DOES BIOELECTRICAL IMPEDANCE-BASED BODY COMPOSITION RELATE TO LOWER LIMB ISOMETRIC STRENGTH AND POWER INDEXES IN ALPINE SKIERS?
Bertozzi, F. et al. [Italy]
- EP-UD01-24
VALIDITY AND REPEATABILITY OF WALKING TEST IN POLAR PACER GPS WATCH
Oikarinen, S. et al. [Finland]
- EP-UD01-25
CLASSIFICATION OF SPORTS BASED ON COACHES PERSPECTIVE ON ENVIRONMENTAL, INDIVIDUAL AND TASK REQUIREMENTS: A MACHINE LEARNING SPORTS PROFILE ANALYSIS.
Teunissen, J. et al. [Netherlands]
- EP-UD01-26
ACUTE EFFECTS OF TISSUE FLOSSING VERSUS NEUROMUSCULAR ELECTRICAL STIMULATION OF THE QUADRICEPS FEMORIS MUSCLE ON IMPROVING VERTICAL JUMP PERFORMANCE
Teo, F. et al. [Singapore]
- EP-UD01-27
EFFECTS OF PAST EXERCISE EXPERIENCE ON COORDINATION ABILITY AND MEASURING TIME OF GRIP STRENGTH
Hayashi, Y. et al. [Japan]
- EP-UD01-28
THE RELATIONSHIP BETWEEN RATE-DEPENDENT METRICS IN THE ISOMERIC SQUAT AND ISOMETRIC MID-THIGH PULL
Geneau, M. [Australia]
- EP-UD01-29
HIGH-CONCENTRATION ARTIFICIAL CARBONATED SPRING LOWER LEGS BATH AFFECTS MUSCLE TISSUE ELASTICITY AND MUSCLE STRENGTH
Yamamoto, N. et al. [Japan]
- EP-UD01-30
GENDER DIFFERENCES IN POWER PRODUCED DURING JUMPS IN NON-ATHLETES AND ATHLETES
Zemka, F. et al. [Slovakia]
- EP-UD01-31
SELECTED ANTHROPOMETRIC AND PHYSICAL PERFORMANCE PARAMETERS RELATED TO THROWING PERFORMANCE IN YOUTH MALE SHOT PUT ATHLETES
Zhao, Y. et al. [China]
- EP-UD01-32
LONGITUDINAL MONITORING OF THE FUNCTIONING ON HORSEBACK OF YOUNG PROFESSIONAL RIDERS IN VOCATIONAL TRAINING
PYCIK, E. et al. [France]
- EP-UD01-33
BODY COMPOSITION MONITORING OF YOUNG PROFESSIONAL RIDERS IN VOCATIONAL TRAINING
Biau, S. et al. [France]
- EP-UD01-34
A STUDY ON THE IMPACT OF ADDING THREE MAJOR BALLS ON PHYSICAL EDUCATION TEACHING IN JUNIOR MIDDLE SCHOOLS IN WUHAN UNDER THE CONTEXT OF PHYSICAL EDUCATION SECONDARY EXAMINATION REFORM
Li, Y.N. et al. [China]
- EP-UD01-35
CAN I SWIM AND TALK COMFORTABLY?
Fusco, A. et al. [Italy]
- EP-UD01-36
AN INNOVATIVE BASKETBALL JUMP SHOT PERFORMANCE TEST
Bungmark, W. et al. [Thailand]
- EP-UD01-37
BILATERAL VARIABILITY IN Q-ANGLE AND LOWER-LIMB PERFORMANCE AMONG DIVISION I BLACK BASKETBALL PLAYERS: SEX DIFFERENCES
Egret, C. et al. [United States]
- EP-UD01-38
DETERMINATION OF THE ANAEROBIC THRESHOLD FOR RUNNING FROM CENTER OF MASS VERTICAL DISPLACEMENT
Sentija, D. et al. [Croatia]
- EP-UD01-39
EFFECTS OF NON-DOMINANT SIDE STRENGTH TRAINING ON ATHLETIC PERFORMANCE OF MODERN PENTATHLON ATHLETES
Wang, J.H. et al. [China]
- EP-UD01-40
THIGH MUSCLE ACTIVITIES DURING BOTH- AND ONE-LEG STAND-UP TESTS FROM DIFFERENT SEAT HEIGHTS
Osawa, T. [Japan]
- EP-UD01-41
RELATIONSHIP BETWEEN UNILATERAL JUMP AND DIFFERENT COD ASYMMETRIES IN ACTIVE YOUNG ADULTS
Buscà, B. et al. [Spain]
- EP-UD01-42
DEVELOPMENT AND VALIDATION OF A NEW ANTHROPOMETRIC PREDICTIVE EQUATION FOR ESTIMATING FAT MASS IN ELITE MALE SOCCER PLAYERS
Bongiovanni, T. et al. [Italy]
- EP-UD01-43
TRAINING CHARACTERISTICS AND RACE-RELATIVE INTENSITY DISTRIBUTION OF ELITE TEAM PURSUIT CYCLISTS
Stadnyk, A. et al. [Australia]
- EP-UD01-44
THE HIGH INTENSITY INTERVAL TRAINING AND VIGOROUS-INTENSITY CONTINUOUS TRAINING PROTOCOLS DURING CYCLEBOXING - PRELIMINARY STUDY FOR MONITORING TRAINING LOAD AND PHYSIOLOGICAL RESPONSES
Kuo, W.H. et al. [Taiwan]
- EP-UD01-45
ACUTE EFFECTS OF JAW CLENCHING WHILE WEARING A CUSTOMIZED BITE-ALIGNING MOUTHGUARD ON MUSCLE ACTIVITY AND FORCE PRODUCTION DURING MAXIMAL UPPER BODY ISOMETRIC STRENGTH
MIRÓ, A. [Spain]
- EP-UD01-46
INFLUENCE OF SEVERE COLD METEOROLOGICAL CONDITIONS ON HUMAN CORE TEMPERATURE DURING MARATHON EXERCISE
Ji, T. et al. [China]
- EP-UD01-47
EXTERNAL LOAD ANALYSIS IN DIFFERENT FOOTBALL PITCH DIMENSIONS
Fernando, S. et al. [Portugal]
- EP-UD01-48
CROSSOVER EFFECT OF STATIC STRETCHING TRAINING ON ANKLE DORSIFLEXION IN ADOLESCENT FEMALE ATHLETES
Donti, O. et al. [Greece]
- EP-UD01-49
THE EFFECT OF INTERMITTENT PALM COOLING ON AEROBIC ENDURANCE PERFORMANCE FOR DIVISION II FOOTBALL PLAYERS – PILOT STUDY
Salah, A. et al. [United States]
- EP-UD01-50
MAXIMIZING PHYSICAL PERFORMANCE WITH STRENGTH TRAINING DURING THE COMPETITIVE SEASON FOR ICE HOCKEY PLAYERS: FAVORABLE EFFECTS OF 40% VELOCITY LOSS
Bjørnsen, T. et al. [Norway]
- EP-UD01-51
EFFECT OF TIME-OF-DAY AND TWO TYPES OF PARTIAL SLEEP DEPRIVATION ON FEMALE SOCCER PLAYERS' SPECIFIC PERFORMANCE
Huo, Q.W. et al. [China]
- EP-UD01-52
DEVELOPMENT OF NEW REACTION AGILITY TEST IN TENNIS
Pojskic, H. et al. [Sweden]
- EP-UD01-53
SEX-SPECIFIC DIFFERENCES IN EXERCISE INDUCED MODULATION OF CARDIAC AUTONOMIC ACTIVITY IN PATIENTS WITH MAJOR DEPRESSION
Hoos, O. et al. [Germany]
- EP-UD01-54
PHYSICAL PERFORMANCE IN PARALYMPIC WHEELCHAIR RUGBY ATHLETES FROM CUNDINAMARCA-COLOMBIA.
Diogo, B. [Colombia]

EP-UD01-55

COMPARISON BETWEEN SPATIOTEMPORAL
STRIDE CHARACTERISTICS DURING RAMP VERSUS
STEADY STATE RUNNING TESTS

Guyot, V. et al. [France]

EP-UD01-56

VARIAION IN ENERGY COST IN SWIMMING
: HOW MUCH IS USED ACCORDING TO THE
STROKE FREQUENCY VARIATION

LETOCART, A.J., LEPRETE, P.M. et al. [France]

EP-UD01-57

TEST – RETEST RELIABILITY OF A 3-MINUTE ALL-
OUT 15-METER SHUTTLE RUNNING TEST

Tillin, N. [United Kingdom]

EP-UD01-58

IS MAXIMAL POWER IMPAIRMENT AT THE
END OF SEVERE-INTENSITY CYCLING EXERCISE
DEPENDENT ON THE INTENSITY OF THE TRIAL?

Rousseau, Q. et al. [France]

Wednesday - 5 July

Time	Grand Amphith.	Amphith. Bordeaux	Amphith. Havane	341	342A	342B	343	351
07:30 - 18:30	Registration Open							
08:30 - 09:45 Invited & Orals/YIA		IS-AP01 RECOVERY AND SLEEP IN ELITE SPORT	OP-BM01 BIOMECHANICS AND MO- TOR CONTROL	OP-AP31 AGEING AND TRAINING	IS-SH05 VIRTUAL REALITY TECHNO- LOGIES	OP-PN01 MOLECULAR BIOLOGY AND BIOCHEMISTRY	OP-AP32 TRAINING AND TESTING: RUNNING I	IS-MH01 THE IOC CONSENSUS STATE- MENT (REDS) - 2023 UPDATE
09:45 - 10:00	Break							
10:00 - 11:15 Invited & Orals/YIA		IS-PN05 MOVEMENT AS MITOCHON- DRIAL MEDICINE	OP-AP43 PARALYMPICS	OP-AP01 TRAINING AND TESTING: RUNNING II	OP-PN02 PHYSIOLOGY: FATIGUE I	OP-BM15 NEUROMUSCULAR PHY- SIOLOGY	OP-AP20 TRAINING AND TESTING: RACKET SPORTS	IS-EX01 ACSM-ECSS EXCHANGE
11:15 - 11:30	Break							
11:30 - 12:45 Invited & Orals/YIA		IS-AP02 SUPPORTING FEMALE ATHLE- TES THROUGH PREGNANCY	IS-BM03 MUSCLE SHAPE CHANGE AND 3-D FASCICLE...	OP-AP07 MODELLING ENDURANCE PERFORMANCE	OP-AP33 LONG DISTANCE RUNNING	OP-PN03 PHYSIOLOGY AND AGEING	OP-AP02 TRAINING AND TESTING: TEAM SPORTS	OP-GSSI GSSI
12:45 - 13:45	Lunch Break (SportEx Area)							
13:45 - 15:00 Invited & Orals/YIA	IS-PN02 EXERCISE AND NUTRITION TO SUPPORT HEALTHY AGING	OP-PN14 OXYGENATION	OP-AP03 TRAINING AND TESTING: POWER AND STRENGTH I	OP-BM02 NEUROMUSCULAR PHYSIO- LOGY: FATIGUE I	IS-SH01 SPORT AND CLIMATE CHANGE	OP-AP19 TRAINING AND TESTING: SWIMMING	OP-AP21 TRAINING AND TESTING: COMBAT SPORTS	IS-EX03 JSPFSM-ECSS EXCHANGE: COMPLEX EFFECTS OF...
15:00 - 15:15	Break							
15:15 - 16:30 Invited & Orals/YIA	IS-BM05 SEX-BASED DIFFERENCES IN FATIGABILITY...	IS-PN03 THE IMPORTANCE OF INTRA- MUSCULAR SIGNALS...	OP-AP22 TRAINING AND TESTING: CYCLING	OP-BM03 BIOMECHANICS: [MUSCLE AND/OR TENDON ...]	IS-EX02 FEPSAC INVITED SYMPOSIUM	OP-PN04 NUTRITION IV	OP-AP04 TRAINING AND TESTING	IS-MH03 PHYSICAL EXERCISE AS A THERAPEUTIC STRATEGY
16:30 - 17:00	Coffee Break (SportEx Area)							

Wednesday - 5 July

Time	352A	352B	353	315	361	362+363	Bar Arlequin	313+314
07:30 - 18:30	Registration Open							
08:30 - 09:45 Invited & Orals/YIA	OP-MH06 OBESITY	OP-AP18 RESISTANCE TRAINING PROGRAMMES	OP-MH01 PHYSICAL DISABILITIES	OP-AP42 WEARABLES AND APPS	OP-SH01 MENTORING AND COACHING: TALENT	OP-AP05 MACHINE LEARNING (BOOST INNOVATION)	OP-PN27 ENERGY RESTRICTION AND WEIGHT LOSS	OP-SH24 PHYSICAL EDUCATION AND HEALTH
09:45 - 10:00	Break							
10:00 - 11:15 Invited & Orals/YIA	OP-BM06 BALANCE AND POSTURE I	OP-MH02 HEALTH AND FITNESS: AGEING I	OP-MH07 CARDIOVASCULAR DISEASE (INCL. ESSA-ECSS EXCHANGE)	OP-AP11 STATISTICS: CHALLENGES AND APPLICATIONS	OP-SH05 EMOTION	OP-AP06 MODELLING SPORT SPECIFIC PERFORMANCE	OP-PN24 NUTRITION I	OP-SH23 SOCIOLOGY (MIXED)
11:15 - 11:30	Break							
11:30 - 12:45 Invited & Orals/YIA	OP-BM16 NEUROMUSCULAR PHYSIOLOGY	OP-PN22 HIT – INTERVAL TRAINING	OP-BM21 METHODOLOGICAL ASPECTS	OP-MH03 PHYSIOTHERAPY I	OP-SH02 PHYSICAL EDUCATION AND PEDAGOGICS	OP-AP09 NEW OLYMPIC SPORTS	OP-PN25 NUTRITION II	OP-SH22 STRESS-RECOVERY AND ANXIETY
12:45 - 13:45	Lunch Break (SportEx Area)							
13:45 - 15:00 Invited & Orals/YIA	OP-MH08 EXERCISE THERAPY/HIIT	OP-MH04 METABOLIC SYNDROME AND NEUROLOGICAL DISEASE	OP-SH16 RATING OF PERCEIVED EXERTION	OP-AP34 FOOTBALL: SLEEP	OP-SH03 SPORT MANAGEMENT AND LAW I	OP-AP08 NETWORK ANALYSIS IN TEAM SPORTS	OP-PN26 NUTRITION III	
15:00 - 15:15	Break							
15:15 - 16:30 Invited & Orals/YIA	OP-AP10 WINTER SPORTS	OP-MH05 SPORTS MEDICINE/MIXED SESSION	OP-AP12 TIMINGS IN TEAM SPORTS	OP-AP44 AI FOR SPORTS ANALYTICS	OP-SH04 PSYCHOLOGY AND MOTIVATION	OP-SH25 QUALITATIVE AND QUANTITATIVE METHODS	OP-MH34 HEALTH AND FITNESS: AGEING II	OP-SH17 DISABILITIES
16:30 - 17:00	Coffee Break (SportEx Area)							

Wednesday - 5 July

Time								
17:00 - 18:00 Poster Area CONVENTIONAL PRINT POSTER PRESENTATIONS	CP-BM01 (PS 1) MOTOR LEARNING AND MOTOR CONTROL I	CP-MH09 (PS 2) AGEING I	CP-SH04 (PS 3) MENTORING COACHING	CP-MH10 (PS 4) LIFESTYLE I	CP-SH01 (PS 5) PHYSICAL EDUCATION I	CP-SH05 (PS 6) SOCIOLOGY AND MANAGE- MENT I	CP-BM02 (PS 7) BIOMECHANICS AND NEU- ROMUSCULAR PHYSIOLOGY	CP-MH11 (PS 8) METABOLIC FITNESS
	CP-PN07 (PS 18) PHYSIOLOGY: MUSCLE METABOLISM	CP-MH15 (PS 19) SPORTS MEDICINE I	CP-PN02 (PS 20) MOLECULAR BIOLOGY AND BIOCHEMISTRY	CP-PN08 (PS 21) MUSCLE DAMAGE AND REPAIR	CP-MH31 (PS 22) HEALTH AND FITNESS III	CP-PN03 (PS 23) PHYSIOLOGY I	CP-PN09 (PS 24) HYPOXIA	CP-AP10 (PS 25) FATIGUE
	CP-BM06 (PS 35) BALANCE AND COORDI- NATION	CP-MH06 (PS 36) CANCER	CP-MH07 (PS 37) OBESITY/WEIGHT LOSS I	CP-SH02 (PS 38) PHYSICAL ACTIVITY PROMO- TION II	CP-MH08 (PS 39) SPORTS MEDICINE: CHILD- REN	CP-SH03 (PS 40) PHYSICAL EDUCATION TEACHERS		
18:00 - 18:15	Break							
18:15 - 19:30	Plenary Session I: Fifty shades of fatigue: Which colour is the elephant in the room? (Grand Amphitheatre)							
19:30 - 20:00	GSSI Awards Ceremony/Opening Address/Opening Ceremony (Grand Amphitheatre)							
20:00 - 21:00	Opening Reception (SportEx Area)							

PS: Poster Session

Wednesday - 5 July

CP-PN04 (PS 9) NUTRITION II	CP-MH12 (PS 10) PHYSIOTHERAPY I	CP-PN01 (PS 11) NUTRITION I	CP-PN05 (PS 12) PHYSIOLOGY V	CP-AP02 (PS 13) TRAINING AND TESTING	CP-MH13 (PS 14) PHYSICAL ACTIVITY/INACTIVITY	CP-PN06 (PS 15) THERMOREGULATION I	CP-AP04 (PS 16) APPS AND SENSORS	CP-MH14 (PS 17) PHYSICAL ACTIVITY PROMOTION I
CP-MH01 (PS 26) HEALTH AND FITNESS II	CP-AP11 (PS 27) WINTER SPORTS	CP-MH02 (PS 28) ADAPTED PHYSICAL ACTIVITY	CP-AP12 (PS 29) HEALTH AND FITNESS I	CP-BM03 (PS 30) MOTOR LEARNING AND MOTOR CONTROL II	CP-BM04 (PS 31) LOWER EXTREMITY	CP-MH04 (PS 32) CARDIOVASCULAR DISEASES I	CP-BM05 (PS 33) TEAM SPORTS BIOMECHANICS	CP-MH05 (PS 34) HEALTH AND FITNESS IN ADOLESCENTS/CHILDREN

18:00 - 18:15	Break
18:15 - 19:30	Plenary Session I: Fifty shades of fatigue: Which colour is the elephant in the room? (Grand Amphitheatre)
19:30 - 20:00	GSSI Awards Ceremony/Opening Address/Opening Ceremony (Grand Amphitheatre)
20:00 - 21:00	Opening Reception (SportEx Area)

PS: Poster Session

Thursday - 6 July

Time	Grand Amphith.	Amphith. Bordeaux	Amphith. Havane	341	342A	342B	343	351
07:00 - 08:00	Bengt Saltin Run (registration required)							
07:30 - 18:30	Registration Open							
08:00 - 09:15 Invited & Orals/YIA	IS-SH03 SAFEGUARDING ATHLETES IN SPORT	IS-AP04 TECHNOLOGY AND PERFOR- MANCE IN SPORTS	OP-PN05 PHYSIOLOGY: ENERGY METABOLISM I	OP-BM04 NEUROMUSCULAR PHYSIO- LOGY	OP-PN07 PHYSIOLOGY: FATIGUE II	OP-PN06 HORMONAL BIOLOGY I	OP-AP30 PACING AND PERFORMANCE	IS-MH02 MUSCLE PLASTICITY IN IMMOBILISATION AND...
09:15 - 09:30	Break							
09:30 - 10:45 Invited & Orals/YIA	IS-PN07 MITIGATING THE EFFECTS OF HEAT STRESS DURING...	OP-PN15 MUSCLE METABOLISM I	IS-BM02 STRATEGIES FOR MUSCULO- SKELETAL...	OP-AP39 RUNNING PHYSIOLOGY	OP-BM07 NEUROMUSCULAR PHYSIO- LOGY: FATIGUE II	OP-AP23 INTERVAL SPRINT TRAINING	OP-BM24 MOTOR CONTROL	IS-MH04 EXERCISE FOR SKELETAL MUSCLE AGEING...
10:45 - 11:00	Break							
11:00 - 12:15	Plenary Session II: The development of sports champions: Applied perspectives on the nature vs nurture conundrum (Grand Amphitheatre)							
12:15 - 13:15	Lunch Break (SportEx Area)							
13:15 - 14:30 Invited & Orals	IS-AP05 REPEATED SPRINT IN HYPOXIA	OP-PN16 MUSCLE METABOLISM II	OP-AP16 FORCE VELOCITY PROFILING AND TRAINING	OP-AP38 FATIGUE	IS-SH04 WINNING AT ALL COSTS? CURRENT APPROACHES...	OP-BM18 MUSCLE FUNCTION	OP-AP14 COACHING: TALENT DEVE- LOPMENT	IS-MH06 NEW TARGETS FOR EXERCISE IN CARDIAC REHABILITATION
14:30 - 14:45	Break							
14:45 - 16:00 Invited & Orals	IS-BM06 LOSING AND RETRAINING BALANCE WHILE AGEING	IS-PN06 FUELLING THE PARALYMPIC ATHLETE	OP-PN17 MUSCLE DAMAGE AND REPAIR	OP-AP37 WARM-UP AND RECOVERY	OP-BM08 NEUROMUSCULAR PHYSIO- LOGY: FATIGUE III	OP-AP36 TECHNOLOGY FOR TRAINING AND RECOVERY	OP-BM23 JUMPING AND LANDING II	OP-MH16 AGEING AND RESISTANCE TRAINING
16:00 - 16:30	Coffee Break (SportEx Area)							
16:30 - 17:45 Invited & Orals	IS-BM07 HOW TO SPRINT FAST AND SAFE	OP-AP17 RESISTANCE TRAINING METHODS	OP-PN18 ENDURANCE	OP-AP41 RUNNING TECHNOLOGY	OP-BM25 MUSCLE AND TENDON FUNCTION	OP-BM09 BALANCE AND POSTURE II	OP-AP40 TECHNOLOGY FOR PERFOR- MANCE ANALYTICS	IS-MH08 IN-HOSPITAL PRECISION- BASED EXERCISE...
17:45 - 18:00	Break							

Time	352A	352B	353	315	361	362+363	Bar Arlequin	313+314
07:00 - 08:00	Bengt Saltin Run (registration required)							
07:30 - 18:30	Registration Open							
08:00 - 09:15 Invited & Orals/YIA	OP-PN21 STRENGTH	OP-BM14 SPRINTING	OP-MH09 SEDENTARY BEHAVIOUR	OP-AP35 TRAINING AND TESTING: BASKETBALL	OP-SH06 PSYCHOBIOLOGY	OP-API5 COACHING STRATEGIES	OP-PN23 IMMOBILIZATION AND RECOVERY	OP-SH26 WELL-BEING AND SPORT
09:15 - 09:30	Break							
09:30 - 10:45 Invited & Orals/YIA	OP-API3 VIRTUAL REALITY TRAINING	OP-MH25 PHYSICAL ACTIVITY/INAC- TIVITY I	OP-BM17 COORDINATION	OP-MH11 RESISTANCE TRAINING IN CANCER PATIENTS	OP-SH13 SPORT MANAGEMENT AND LAW II		OP-MH10 CARDIOVASCULAR DISEASE/ HYPERTENSION	OP-SH07 PHYSICAL ACTIVITY PRO- MOTION I
10:45 - 11:00	Break							
11:00 - 12:15	Plenary Session II: The development of sports champions: Applied perspectives on the nature vs nurture conundrum (Grand Amphitheatre)							
12:15 - 13:15	Lunch Break (SportEx Area)							
13:15 - 14:30 Invited & Orals	OP-MH14 SARCOPENIA	OP-MH27 PHYSICAL ACTIVITY/INAC- TIVITY II	OP-BM22 JUMPING AND LANDING I	OP-BM28 GAIT	OP-SH08 COGNITION I	OP-MH12 PHYSIOTHERAPY/ANKLE- FOOT	OP-SH28 TECHNOLOGY AND PSY- CHOLOGY	OP-SH18 MENTAL HEALTH AND DISABILITIES
14:30 - 14:45	Break							
14:45 - 16:00 Invited & Orals	OP-MH15 AEROBIC EXERCISE IN CAN- CER PATIENTS	OP-MH13 HEALTH AND FITNESS/ LIFESTYLE	OP-BM26 KINEMATIC	OP-SH27 AGEING	OP-SH09 COGNITION II	OP-MH33 METABOLIC FITNESS/FLE- XIBILITY	OP-PN32 GENETIC ASSOCIATIONS	OP-SH19 TEACHER AND TEACHING EDUCATION
16:00 - 16:30	Coffee Break (SportEx Area)							
16:30 - 17:45 Invited & Orals	OP-BM19 TEAM SPORTS	OP-AP24 TEAM SPORTS TRAINING	OP-MH17 HEALTH AND FITNESS IN CHILDREN	OP-BM05 MOTOR CONTROL: FATIGUE	OP-SH10 COGNITION III	OP-SH29 YOUTH PEDAGOGY AND SOCIOLOGY	OP-PN33 METABOLISM	OP-SH20 WOMEN IN SPORT
17:45 - 18:00	Break							

Thursday - 6 July

Time								
18:00 - 19:00 Poster Area CONVENTIONAL PRINT POSTER PRESENTATIONS	CP-AP01 (PS 1) SPORT EQUIPMENT	CP-MH17 (PS 2) CARDIOVASCULAR DISEASES II	CP-SH10 (PS 3) SOCIAL SCIENCE AND HUMANITIES (MIXED)	CP-AP03 (PS 4) TRAINING AND COACHING	CP-MH18 (PS 5) OBESITY/WEIGHT LOSS II	CP-SH11 (PS 6) PHYSICAL ACTIVITY PROMOTION FOR CHILDREN AND YOUTH	CP-AP05 (PS 7) MONITORING	CP-PN10 (PS 8) PHYSIOLOGY II
	CP-BM08 (PS 18) WALKING AND RUNNING	CP-MH23 (PS 19) PHYSIOTHERAPY II	CP-PN14 (PS 20) INTERVAL TRAINING	CP-BM09 (PS 21) RUNNING	CP-MH33 (PS 22) DISABILITIES II	CP-PN15 (PS 23) CARDIOVASCULAR PHYSIOLOGY I	CP-AP13 (PS 24) INTERVENTIONS	CP-AP28 (PS 25) FEMALE ATHLETES
	CP-AP18 (PS 35) FOOTBALL I	CP-SH07 (PS 36) SOCIOLOGY AND MANAGEMENT II	CP-AP19 (PS 37) PARALYMPICS	CP-SH08 (PS 38) COACHING	CP-MH16 (PS 39) AGEING II	CP-SH09 (PS 40) PHYSICAL EDUCATION II		
20:00 - 22:00	Uniting Excellence in Sport Science Reception (invitation only)							

PS: Poster Session

CP-AP07 (PS 9) PERFORMANCE ANALYSES IN SPORTS	CP-MH20 (PS 10) HEALTH AND FITNESS IV	CP-PN11 (PS 11) PHYSIOLOGY III	CP-AP08 (PS 12) STATISTICS AND ANALYSES	CP-MH21 (PS 13) HEALTH AND FITNESS V	CP-PN12 (PS 14) NUTRITION III	CP-BM07 (PS 15) MECHANICS AND MODEL- LING	CP-MH22 (PS 16) LIFESTYLE II	CP-PN13 (PS 17) THERMOREGULATION II
CP-BM10 (PS 26) MUSCLE AND TENDON FUNCTION	CP-AP14 (PS 27) ENDURANCE TRAINING	CP-BM11 (PS 28) NEUROMUSCULAR PHYSIO- LOGY I	CP-AP15 (PS 29) INDIVIDUAL SPORTS	CP-BM12 (PS 30) SPORTS BIOMECHANICS I	CP-AP16 (PS 31) RESISTANCE TRAINING I	CP-MH03 (PS 32) DISABILITIES I	CP-AP17 (PS 33) TEAM SPORTS I	CP-SH06 (PS 34) SPORT PSYCHOLOGY I

20:00 - 22:00	Uniting Excellence in Sport Science Reception (invitation only)
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PS: Poster Session

Friday - 7 July

Time	Grand Amphith.	Amphith. Bordeaux	Amphith. Havane	341	342A	342B	343	351
07:30 - 17:00	Registration Open							
08:00 - 09:15 Invited & Orals	IS-BM04 MUSCLE-BRAIN CROSSTALK AND THE USE OF...	IS-PN04 EXOGENOUS KETONE SUPPLEMENTATION	OP-PN10 CARDIOVASCULAR PHYSIO- LOGY I	OP-AP26 FOOTBALL: ANALYTICS	OP-BM10 STRENGTH TRAINING	OP-BM27 SWIMMING	OP-AP28 TALENT IDENTIFICATION	OP-MH19 AGEING AND EXERCISE INTERVENTIONS
09:15 - 09:30	Break							
09:30 - 10:45 Invited & Orals	IS-PN01 THE POWER-DURATION RELATIONSHIP	OP-PN11 CARDIOVASCULAR PHYSIO- LOGY II	OP-AP27 TRAINING AND TESTING: POWER AND STRENGTH II	OP-PN08 HORMONAL BIOLOGY II	IS-MH07 PHYSICAL ACTIVITY FOR COGNITIVE HEALTH...	OP-BM12 RUNNING I	OP-PN09 PHYSIOLOGY: ENERGY METABOLISM II	IS-MH05 THE POWER OF WATER: HYDROTHERAPY FOR...
10:45 - 11:00	Break							
11:00 - 12:15 Invited & Orals	IS-BM01 EXERCISE AND MENTAL TRAINING AS MEDICINE...	IS-AP03 A.I. IN SPORT AND EXERCISE SCIENCE	OP-PN28 KETOGENIC	OP-AP25 TEAM SPORTS: LOAD MONI- TORING	IS-SH02 SWIMMING EDUCATION IN EUROPE	OP-BM13 RUNNING II	OP-PN13 HYPOXIA II	OP-BM11 CYCLING
12:15 - 13:15	Lunch Break (SportEx Area)							

Friday - 7 July

Time	352A	352B	353	315	361	362+363	Bar Arlequin	313+314
07:30 - 17:00	Registration Open							
08:00 - 09:15 Invited & Orals	OP-AP29 BODY COMPOSITION	OP-MH18 PHYSICAL ACTIVITY PROMOTION II	OP-MH28 HEALTH AND FITNESS (MIXED)	OP-MH29 SPORTS MEDICINE AND ORTHOPEDICS	OP-SH11 MINDFULNESS	OP-MH21 EXERCISE THERAPY	OP-PN29 CAFFEINE	OP-SH21 MOTIVATION
09:15 - 09:30	Break							
09:30 - 10:45 Invited & Orals	OP-PN12 HYPOXIA I	OP-MH23 METABOLIC SYNDROME AND DIABETES I	OP-PN19 THERMOREGULATION I	OP-MH20 RESPIRATORY DISEASE	OP-SH12 PSYCHOLOGY IN TEAM SPORTS	OP-MH30 NEUROLOGICAL DISEASES	OP-PN30 NITRATE	OP-MH22 PHYSIOTHERAPY II
10:45 - 11:00	Break							
11:00 - 12:15 Invited & Orals	OP-BM20 NEUROMUSCULAR FUNCTION	OP-MH24 METABOLIC SYNDROME AND DIABETES II	OP-PN20 THERMOREGULATION II	OP-MH26 SPORTS MEDICINE	OP-SH15 MENTAL HEALTH	OP-MH31 CARDIOVASCULAR DISEASES AND AEROBIC EXERCISE	OP-PN31 BRAIN	OP-SH14 PSYCHOLOGY AND COACHING IN FOOTBALL
12:15 - 13:15	Lunch Break (SportEx Area)							

Friday - 7 July

Time								
13:15 - 14:15 Poster Area CONVENTIONAL PRINT POSTER PRESENTATIONS	CP-AP06 (PS 1) WEARABLES	CP-MH24 (PS 2) AGEING III	CP-SH20 (PS 3) MENTAL HEALTH AND PSY- CHOLOGICAL WELL-BEING	CP-AP09 (PS 4) TEAM SPORTS ANALYSES	CP-MH25 (PS 5) HEALTH AND FITNESS VII	CP-PN16 (PS 6) HORMONAL BIOLOGY	CP-BM13 (PS 7) JUMPING	CP-MH26 (PS 8) HEALTH AND FITNESS VI
	CP-PN20 (PS 18) CARDIOVASCULAR PHYSIO- LOGY II	CP-BM17 (PS 19) NEUROMUSCULAR PHYSIO- LOGY II	CP-MH30 (PS 20) INJURY PREVENTION IN SPORTS MEDICINE	CP-PN21 (PS 21) CARDIOVASCULAR PHYSIO- LOGY III	CP-BM18 (PS 22) BIOMECHANICS	CP-PN22 (PS 23) PHYSIOLOGY IV	CP-AP20 (PS 24) SPRINT RUNNING	CP-SH12 (PS 25) IMAGERY AND PSYCHOLOGI- CAL SKILL TRAINING
	CP-SH17 (PS 35) TEAM SPORT PSYCHOLOGY	CP-AP26 (PS 36) TEAM SPORTS II	CP-SH18 (PS 37) PSYCHOBIOLOGY	CP-AP27 (PS 38) FOOTBALL II	CP-SH19 (PS 39) COGNITION	CP-MH32 (PS 40) ORTHOPEDICS		
14:15 - 14:30	Break							
14:30 - 15:45	YIA Award Presentations (Grand Amphitheatre)							
15:45 - 16:15	Coffee Break (SportEx area)							
16:15 - 17:30	Plenary Session III: Tendinopathy – Why does it happen, and can it be prevented? (Grand Amphitheatre)							
17:30 - 18:00	Closing Ceremony/YIA Winners Ceremony (Grand Amphitheatre)							
18:00 - 20:00	Farewell Reception (Hall Bordeaux)							

PS: Poster Session

Friday - 7 July

CP-PN17 (PS 9) RESPIRATION/PULMONARY	CP-BM14 (PS 10) MUSCLE TENDON FUNCTION II	CP-MH27 (PS 11) SPORTS MEDICINE AND ORTHOPEDICS	CP-PN18 (PS 12) NUTRITION IV	CP-BM15 (PS 13) SPORTS BIOMECHANICS II	CP-MH28 (PS 14) SPORTS MEDICINE II	CP-PN19 (PS 15) NUTRITION V	CP-BM16 (PS 16) MOTOR CONTROL AND ATHLETIC PERFORMANCE	CP-MH29 (PS 17) PHYSIOTHERAPY KNEE/ SHOULDER
CP-AP21 (PS 26) RECOVERY AND CYCLING	CP-SH13 (PS 27) SPORT PSYCHOLOGY II	CP-AP22 (PS 28) FORCE-VELOCITY PROFILE AND TESTING	CP-SH14 (PS 29) CHILDREN AND PHYSICAL EDUCATION	CP-AP23 (PS 30) ENDURANCE TESTING	CP-SH15 (PS 31) STRESS AND ANXIETY	CP-AP24 (PS 32) OLYMPIC SPORTS	CP-SH16 (PS 33) MOTIVATION	CP-AP25 (PS 34) RESISTANCE TRAINING II

14:15 - 14:30	Break
14:30 - 15:45	YIA Award Presentations (Grand Amphitheatre)
15:45 - 16:15	Coffee Break (SportEx area)
16:15 - 17:30	Plenary Session III: Tendinopathy – Why does it happen, and can it be prevented? (Grand Amphitheatre)
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18:00 - 20:00	Farewell Reception (Hall Bordeaux)

PS: Poster Session

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JSHS Editorial Office

Address: 650 Qingyuanhuan Road,
Shanghai 200438, China

Tel: +86+21-65506293(F), 65506299

E-mail: jshs@sus.edu.cn



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