Curriculum vitae

Martino V. Franchi
ORCID: 0000-0003-3165-4536; **Scopus ID**: 56026602500
DOB: 23/10/1984, Italian

• EDUCATION

2010-2014 **PhD in skeletal muscle physiology**
Institute for Biomedical Research into Human Movement and Health, Manchester Metropolitan University, UK. PhD Supervisor: Prof Marco Narici

2008-2010 **Master by Research (MRes) in skeletal muscle physiology**
IRM, Manchester Metropolitan University, UK

2003-2008 **BSc and MSc in Exercise & Sports Sciences**
Catholic University of the Sacred Heart, Milan, IT

• CURRENT POSITIONS

2019- **Assistant Professor (Tenure Track) – to become Associate Professor in Jan 2026**
Department of Biomedical Sciences, University of Padua, IT

Special Graduate Faculty (2021-) Department of Human Health & Nutritional Sciences, University of Guelph, CAN

• PREVIOUS POSITIONS

2017-2019 **Postdoctoral Research Fellow in skeletal muscle plasticity & sports medicine**
Balgrist University Hospital, Department of Orthopedics, University of Zürich (UZH) and Swiss Federal Institute of Technology (ETH), Zürich, CH

2013 - 2017 **Postdoctoral Research Associate and Fellow (2014-2017)**
MRC/ARUK Centre for Musculoskeletal Ageing Research, University of Nottingham, UK

• TEACHING ACTIVITIES

2020–2021 Lecturer- "Muscles as motors" modules- **English Institute of Sport** (teaching coaches of *British Olympic and Paralympic teams*)

2019– Lecturer- **Football Science Institute** Master in *Football injury, reconditioning and prevention* - "Tendon and muscle adaptations in response to eccentric training"

2019– Degree of *Sports Sciences*, Subject: Physiology (Subject Leader), **University of Padua**, IT

• ORGANISATION OF SCIENTIFIC MEETINGS

2019– European College of Sports Science (ECSS) 2025 "*Sport and Wellness in Riviera*", Rimini, IT. **Local organisational committee** and **Head of Volunteers**. ECSS Annual Conference is the biggest European scientific conference for Muscle & Exercise Physiology

• INSTITUTIONAL RESPONSIBILITIES

2021– Special Graduate Faculty, Department of Human Health & Nutritional Sciences, University of Guelph, Canada

2020– School of Doctorate in Biomedical Sciences committee, University of Padua, Italy

2019– Faculty member, Football Science Institute, Granada, Spain

- **REVIEWING ACTIVITIES**

2022– Editorial board member of "The Journal of Physiology" and "Medicine & Science in Sports & Exercise"
2020– Associate Editor for "Translational Sports Medicine", "Biology (Basel)", "Science & Medicine in Football" journals
2015– Reviewer for **50+** peer reviewed international journals including *Science Advances, Journal of Cachexia Sarcopenia and Muscle, Sports Medicine*

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

2011– **Member & Fellow of the European College of Sport Science (ECSS)**
2023– **Member of ECSS Reviewing Panel**
2018– Member of the American College of Sports Medicine (ACSM)
2020– Member of the International Society of Electrophysiology and Kinesiology (ISEK)
2023– Member of the American Physiological Society (APS)

- **GRANTS AWARDED (Total so far- 1'351'137.54 Euros)**

2019- Balgrist Stiftung, CH – 240'000.00 CHF (CO-I)
2021- Italian Ministry of education, IT – 678'305.00 Euros (CO-I)
2023- Italian Ministry of education, IT – 205'229.00 Euros (CO-I)
2023- Italian Ministry of education, IT – 245'196.00 Euros (PI)

Track Record

PUBLICATIONS (*source: Scopus*)
Total Publications number (started in 2014): **91**
Total Citations Number (CN): **2792; h-index: 26**

Top 5 articles

1. **Franchi MV** et al. Architectural, functional and molecular responses to concentric and eccentric loading in human skeletal muscle *Acta Physiol* ,2014, CN 268
2. **Franchi MV** et al. Regional regulation of focal adhesion kinase after concentric and eccentric loading is related to remodelling of human skeletal muscle *Acta Physiol.*,2018, CN 66
3. **Franchi MV** et al. Skeletal muscle remodeling in response to eccentric vs. concentric loading: Morphological, molecular, and metabolic adaptations. *Front Physiol*.,2017, CN 237
4. **Franchi MV** et al. Ultrasound-derived Biceps Femoris Long Head Fascicle Length: Extrapolation Pitfalls *Med Sci Sport Exerc*,2020, CN 69
5. Pincheira P, Boswell M, **Franchi MV**, Delp SL, Lichtwark G. Biceps femoris long head sarcomere and fascicle length adaptations after three weeks of eccentric exercise training *J Sport Heal Sci*,2021, CN 42

Invited presentations to internationally established conferences and/or international advanced schools*:*
Total number of invited presentations: 28
Noteworthy:
2022 & 2024 **European College of Sports Science invited symposium** (as main proponent).
2022 & 2024 International Society of Electrophysiology and Kinesiology Invited Symposium.
2021 European College of Sports Science webinar. The art of Ultrasound for imaging muscle-tendon
2020 & 2021 ASPETAR Orthopaedic & Sports Medicine Hospital, Qatar. Muscle adaptations to exercise
2019 Berlin Autumn PhD School 2019, HUB, GER. From molecules to morphology and function: an overview of skeletal muscle adaptations to eccentric loading

Prizes/ Awards
University of Padova Teaching Award 2024 – amongst the top 10% lecturers of the whole university.
Acta Physiologica Award 2020 Finalist (top 20 articles)- Franchi et al. Acta Physiol 2018. Winner yet to be decided (2022)
European College of Sports Science Fellow (FECSS, from 2017) supporting the goals of ECSS by distinguished activities. FECSS made a significant contribution to the development of sports science through research
Mognoni Prize 2013, 1st place for young investigator in exercise physiology (1500 € prize). 10th National Sports Medicine Conference, Saronno, IT
Article of the month, Balgrist University Hospital (Zürich, CH) (x2) – Franchi et al. *Scientific Reports* 2020, Sarto et al. *Sports Med* 2021 (Last Author)