SHORT CURRICULUM VITAE

PERREY
Stéphane

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Full Professor (CLEX) French Section CNU : 74 (Sport Sciences)

Institution of assignment	University of Montpellier (Faculty of Sport Sciences) Building EuroMov, 700 avenue du Pic Saint Loup, 34090 Montpellier **Lab Head** UR EuroMov Digital Health in Motion (Univ Montpellier, IMT Mines Ales) http://dhm.euromov.eu/ ***Deputy Director*** Graduate School 463 Human Movement Science https://ecole-doctorale-463.univ-amu.fr
Scientific Domains	Physiology, Neurosciences

EDUCATIONAL BACKGROUND – HONOUR & AWARDS

2010: Chercheur Avenir Award from the Languedoc-Roussillon region (Biology and Health)
2009: Associate Professor (Montpellier 1 University)
2008: Laureate at Institut Universitaire de France (junior member) - 5-year delegation
2003: *Habilitation to supervise research* (section 74), University of Montpellier I
Plasticity and control of cardiorespiratory and metabolic responses to submaximal exercise
2002: Senior Lecturer (University of Montpellier 1)
2000: *PhD Exercise Physiology*, University of Franche-Comté/University of Waterloo (Canada),
Determinants of the different transitional phases of oxygen uptake kinetics
1998: *Master Degree STAPS* in Exercise physiology, Université de Franche-Comté

SCIENTIFIC RESPONSIBILITIES (CURRENT)

Director of the EuroMov Digital Health in Motion Joint Research Unit (Univ Montpellier, IMT Mines Alès; 2021-2026) involving ~110 people = 45 permanent staff, 8 non-permanent staff -post doc, ATER-, 12 associate members, 4 support agents, 4 Engineers, 30 PhD students, and > 10 Masters Interns), http://dhm.euromov.eu/

Deputy Director of the Human Movement Sciences Doctoral School since 2018 and site manager at the University of Montpellier, https://ecole-doctorale-463.univ-amu.fr

DOCTORAL SUPERVISION

PhD thesis with defence	17
PhD in progress	5

EDITORIAL ACTIVITIES AND RESEARCH NETWORKS

- *Journal of Sports Science and Medicine* from 2009; Editorial Board member
- *Sports* from 2012; Editorial Board member
- *Brain Sciences* from 2016; Editorial Board member
- *Frontiers in Human Neurosciences* from 2016; **Associate Editor**
- *Ergonomics in Design: The Quart. Hum. Factors Applications* from 2020; Editorial Board member
- *Frontiers in Neuroergonomics (Physical)* from 2020; **Speciality Chief Editor**
  https://loop.frontiersin.org/people/72662/overview

- President of the Association of Researchers in Physical and Sports Activities (ACAPS): 2013-2021

- Member of the A.C.A.P.S., from 2000
- Member of I.S.O.T.T. (International Society on Oxygen Transport to Tissue), from 2007
- Member of SfNIRS (Society for functional of Near Infrared Spectroscopy), from 2011
- Member of the International NeuroErgonomics Society, from 2016

SCIENTIFIC PRODUCTION

Bibliometric indicators

Clarivate Analytics publons https://publons.com/researcher/B-7483-2008/

>270 publications indexed in Web of Science Clarivate Analytics
Index *h* (Web of Science-Scopus): 43 (Google scholar: 58)
Citations (Web of Science): >6400 (Google scholar >11600)
https://www.researchgate.net/profile/Stephane_Perrey
http://orcid.org/0000-0002-8741-629X
Author Position (WoS) : First 21%, Last 27%, Corresponding 30%

Research Profile

International leader in the field of noninvasive brain measurements during exercise including use and developments of non-invasive brain stimulation techniques (TMS, tDCS) coupled with portable neuroimaging methods (fNIRS) in cognitive/behavioral neuroscience, with a focus on cognitive/physical load and fatigue, and neuroenhancement tools in healthy and patients; noninvasive investigation of neural plasticity mechanisms and sensorimotor processes, in healthy and in neurological disorders.
Listed since 4 years among World's Top 2% Scientists List created by Stanford University and Elsevier in Sport Sciences.

Skills and expertise

Muscle Physiology, Near Infrared Spectroscopy, Sports Medicine, Brain, Fatigue, Education, Energetics Oxygen Consumption, Muscle Fatigue, tDCS, Exercise Physiology, Muscle Contraction, Cardiovascular, Endurance, Physiology, Exercise Testing, Performance, Brain Imaging, Neuroscience, fNIRS, Force, Brain Stimulation, Athletic Training Oxygen, Sport, Rehabilitation, Sport Physiology, Strength & Conditioning.

Selected publications (5 last years)

1. **Perrey S**, Quaresima V, Ferrari M. (2024) Muscle Oximetry in Sports Science: An Updated Systematic Review. *Sports Med.*; 54(4):975-996. doi: 10.1007/s40279-023-01987-x.
2. **Perrey S**. (2024) How effective is transcranial direct current stimulation? *Lancet*; 403(10445):2688-2689. doi: 10.1016/S0140-6736(24)00634-2.
3. Borot L, Pageaux B, Laroche D, Vergotte G, Lepers R, **Perrey S**. (2024). Eccentric cycling involves greater mental demand and cortical activation of the frontoparietal network. *Scand J Med Sci Sports*.; 34(1):e14517. doi: 10.1111/sms.14517.
4. Besson P, Muthalib M, Dray G, Rothwell J, **Perrey S**. (2019). Concurrent anodal transcranial direct-current stimulation and motor task to influence sensorimotor cortex activation. *Brain Res*.; 1710:181-187. doi: 10.1016/j.brainres.2019.01.003.
5. **Perrey S**, Besson P. (2018). Studying brain activity in sports performance: Contributions and issues. *Prog Brain Res.*; 240:247-267. doi: 10.1016/bs.pbr.2018.07.004.