

Appendix I: Publication list THIM 2023

Peer-reviewed Journal publications

J. Burtscher, E. Hohenauer, M. Burtscher, G.P. Millet & M. Egg. (2023). „Environmental and behavioral regulation of HIF-mitochondria crosstalk“. *Free Radical Biology and Medicine*. 206:63-73. doi.org/10.1016/j.freeradbiomed.2023.06.015

J. Burtscher *et al.* (2023). „Mechanisms underlying the health benefits of intermittent hypoxia conditioning“. *The Journal of Physiology*. Epub ahead of print. doi: 10.1113/JP285230.

R. Clijsen *et al.* (2023). „Intramuscular Oxygenation and Muscle Activity of Extensor Carpi Radialis Brevis During Piano Performance: An Observational Study“. *Medical Problems of Performing Artists*, 38(4):214-223. doi.org/10.21091/mppa.2023.4026

E. Lathouwers *et al.* (2023). «Continuous relative phases of walking with an articulated passive ankle-foot prosthesis in individuals with a unilateral transfemoral and transtibial amputation: an explorative case-control study». *Biomed Eng Online*. 15;22(1):14. doi: 10.1186/s12938-023-01074-2

G. Luder, C. Mueller Mebes, B. Haupt-Bertschy, M.L. Verra, D. Aeberli & J.P. Baeyens (2023). «Krafttraining bei Frauen mit generalisierter Hypermobilität: Machbarkeit, Beschwerden und Effekte: Eine Pre-post-Studie». *Physioscience*. 19(02): 86-94. doi: 10.1055/a-1947-7842

J. Sarvestan, Z. Svoboda, J.P. Baeyens & B. Serrien (2023). «Whole body coordination patterning in volleyball spikes under various task constraints: exploratory cluster analysis based on self-organising maps», *Sports Biomechanics*. 22(9):1153-1167. doi: 10.1080/14763141.2020.1788132

N. Versteeg, R. Clijsen, & E. Hohenauer. (2023). „Effects of 3-week repeated cold water immersion on leukocyte counts and cardiovascular factors: an exploratory study“. *Frontiers in Physiology*, 14:1197585eCollection. doi: 10.3389/fphys.2023.1197585.

Congress publications

R. Clijsen, J. Wildmoser & E. Hohenauer. „Physiological and Perceptual Effects of Cooling Trousers: A Crossover Pilot Study“. *Montenegrin Sports Academy, Conference: 20th International Scientific Conference on "SPORT, PHYSICAL ACTIVITY AND HEALTH"*. 20th to 23th April 2023, Dubrovnik, Croatia (Oral Presentation).

C. Dsilva *et al.* (2023). „Assessment of beneficial effects of an exercise regimen on inflammation and fatigue among head and neck cancer patients subjected to chemo-radiotherapy“. *Annual Meeting of Multinational Association of Supportive Care in Cancer (MASCC)*. 22nd to 24th June 2023, Nara, Japan (Oral Presentation)

E. Hohenauer, G. Bianchi & R. Clijsen. „The effects of three weeks intermittent hypoxic therapy on mitochondrial function: a pilot-study“. *28th Annual Congress of the European College of Sport Science*. 4th to 17th July 2023, Paris, France (Poster Presentation).

E. Hohenauer. „Kältetherapie und Evidenzlage“. *12. Zürich Forum for Applied Sport Sciences* 14. September, 2023, Zürich, Switzerland (Oral Presentation).

N. Versteeg, R. Clijsen & E. Hohenauer. „Effects of a 3-week repeated cold water immersion on leukocyte counts: A pilot study“. *28th Annual Congress of the European College of Sport Science*. 4th to 17th July 2023, Paris, France (Poster Presentation).

J. Wildmoser, E. Hohenauer & R. Clijsen. „Effects of wearing cooling trousers on skin temperature and skin perfusion in healthy males“. *28th Annual Congress of the European College of Sport Science*. 4th to 17th July 2023, Paris, France (Poster Presentation).