

## Curriculum vitae of Wim Derave

Name/first name: Derave Wim  
Gender: Male  
Date of birth : May 7, 1973  
Place of birth: Terneuzen (NL)  
Nationality: Belgian  
Legally cohabiting with Valery Labarque  
Children: Ferre (2007) and Jade (2010)  
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### **Education/Training:**

1. Master in Physical Education (1991-1995, Ghent University). Great honours
2. Aggregation for Teaching in Physical Education (1995, Department of Didactics, Ghent University): Honours
3. PhD in Physical Education (Ghent University, 2000). Title of the thesis : 'Exercise effects on muscle glucose uptake and insulin action' (Promotors: Prof. J.L. Pannier and Prof. E.A. Richter). Greatest Honours

### **Positions and Employment**

1995-2000 PhD student/Research assistant at Department of Movement and Sports Sciences, Ghent University, Belgium  
1997-1999 Research Fellow at the Copenhagen Muscle Research Centre, Copenhagen, Denmark  
2000-2005 Postdoctoral Fellow (FWO) at the Department of Exercise and Health, KU Leuven, Leuven, Belgium  
2005-2014 Full-time Associate Professor at the Department of Movement and Sports Sciences, Ghent University, Belgium  
2014- Full Professor at the Department of Movement and Sports Sciences, Ghent University, Belgium  
2017 Visiting Professor during 6 months research sabbatical at Griffith University, Gold Coast, Australia

### **Other Experience and Professional Memberships**

2005-2011 Member and Secretary of the Board of the Society for Kinesiology (Flanders)  
2007-2017 Member of the American Physiological Society  
2011-2018 Member of the Editorial Board of Journal of Applied Physiology  
2011- Founder of the International Carnosine Consortium and organizer of international Carnosine conferences in Ghent (2011), Tokyo (2014) and Louisville (2017)  
2012- Member of the European College of Sports Sciences (ECSS)  
2012- Guest editor for special issues on carnosine in 2012 and 2018 for the journal Amino Acids  
2014- Member of the Scientific Committee of the ECSS (invited)  
2015- Specialty Chief Editor of Frontiers in Sport and Exercise Nutrition  
2019- Fellow of the European College of Sports Sciences (ECSS)

## **Honors**

2000 Astra-Zenaca Award for best PhD-thesis on Sport Science of Sport Medicine in Belgium

### **Awards won by group members at the European College of Sports Science (ECSS)**

2007 Jyvaskyla: Andries Pottier: 1<sup>st</sup> rank oral presentation YIA (prom.: W. Derave)

2013 Barcelona: Tine Bex: 1<sup>st</sup> rank GSSI Sport nutrition award (prom.: W. Derave)

2019 Prague: Laura Blancquaert: 1<sup>st</sup> rank GSSI Sport nutrition award (prom.: W. Derave)

2021 European College of Sports Science: Sarah de Jager: 3<sup>rd</sup> rank GSSI Sport nutrition award (prom.: W. Derave)

2021 Belgian Industrial R&D (BIRD) award to Eline Lievens for best PhD-thesis (prom.: W. Derave)

### **Bibliographical analysis (2023):**

Total number of international full-text publications: 148 (PubMed)

Total number of citations: >5900 (Web of Science)

Average number of citations per article: 34 (Web of Science)

H-index: 41 (Web of Science)

Google Scholar H-index: 54

Google Scholar Total citations: >10.000

Book chapters: 7

### **5 most influential papers:**

1. DERAWE W, Ai H, Ihlemann J, Witters LA, Kristiansen S, Richter EA and Ploug T. Dissociation of AMP-activated protein kinase activation and glucose transport in contracting slow-twitch muscle. *Diabetes* 49: 1281-1287, 2000. IF = **7.72**. Rank 3/89 (158 citations)
2. DERAWE W, Ozdemir MS, Harris R, Pottier A, Reyngoudt H, Koppo K, Wise JA and Achten E. Beta-alanine supplementation augments muscle carnosine content and attenuates fatigue during repeated isokinetic contraction bouts in trained sprinters. *Journal of Applied Physiology* 103(5):1736-43, 2007. IF = **3.63**. Rank 2/72 (229 citations)
3. Boldyrev A, Aldini G, DERAWE W. Physiology and pathophysiology of carnosine. *Physiological Reviews* 93:1803-1845, 2013. IF = **29.04**. Rank 1/80 (620 citations; top 1% Highly Cited Paper)
4. Van der Stede T, L Blancquaert, F Stassen, I Everaert, R Van Thienen, C Vervaeke, L Gliemann, Y Hellsten & DERAWE W. Histamine H1 and H2 receptors are essential transducers of the integrative exercise training response in humans. *Science Advances* 7: eabf2856, 2021. IF = **14.96**. Rank 7/73 (12 citations)
5. Lievens E, Van Vossel K, Van de Castele F, Wezenbeek E, Deprez D, Matthys S, De Winne B, McNally S, De Graaf W, Murdoch JB, Bourgois J, Witvrouw E & DERAWE W. Muscle fibre typology as a novel risk factor for hamstring strain injuries in professional football (soccer): a prospective cohort study. *Sports Medicine* 52: 177-185, 2022. IF = **11.92**. Rank 2/88 (34 citations)

**Promotor defended PhD's: 13**