

# **NICOLAS PLACE**

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## **EDUCATION**

### **Ph.D, Sports Science, University of Burgundy, Dijon, France, 2006**

Thesis: Neuromuscular alterations associated with prolonged isometric contractions with mechanical and electromyographic biofeedback

PhD supervisor: Prof. Romuald Lepers

### **M.S., Sports Science, University of Burgundy, Dijon, France, 2003**

Thesis : Time Course of Neuromuscular Alterations during a Prolonged Running Exercise

Thesis Advisor: Prof. Romuald Lepers

### **B.S., Sports Science, University of Burgundy, Dijon, France, 2001**

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## **FACULTY POSITIONS**

### **Associate Professor, University of Lausanne, Switzerland, 2022-**

Use of a translational approach to study (neuro)muscular adaptations to exercise and disease, from cellular models to humans.

### **Senior lecturer, University of Lausanne, Switzerland, 2013-**

Development of a translational approach to study (neuro)muscular adaptations to exercise and disease, from cellular models to humans.

### **Lecturer, University of Geneva, Switzerland, 2008-2013:**

Development of a laboratory to investigate neuromuscular adaptations to exercise and disease

### **Postdoctoral fellow, Karolinska Institute, Stockholm, Sweden: 2007-2008**

Work with mouse intact skeletal muscle fibre to record Ca<sup>2+</sup> and force signals concomitantly to assess the determinants of muscle weakness (Department of Physiology and Pharmacology, section of muscle physiology, directed by Prof. H Westerblad)

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## **PUBLICATIONS**

117 peer-reviewed publications in international journals

H index = 30; Total number of citations = 3'034 (information accessed from [web of science](https://www.webofscience.com/wos/author/record/1404104) <https://www.webofscience.com/wos/author/record/1404104> on November 13<sup>th</sup>, 2025)

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## **INSTITUTIONAL RESPONSIBILITIES**

2023-present : Deputy director, Institute of Sport Sciences, University of Lausanne  
2022-present : Academic director of the Master program 'training and performance',  
Institute of Sport Sciences, University of Lausanne  
2016-2021 : Academic co-director of the bachelor program (2nd and 3rd year), Institute of  
Sport Sciences, University of Lausanne  
2008-2013 : Co-director of the master program « adapted physical activity »

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## **SUPERVISION OF STUDENTS**

- 6 post-docs
- 5 PhD students
- > 50 Master students supervised for their Master thesis (including master students in biology and in medicine)

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## **GRANTS (last five years)**

**Total amount of funding as a PI (2006-2025): ~2'000'000 CHF**

- 2025: Funding from Fondation pour la recherche en biologie et médecine : "Centre SLA : structurer l'existant, construire l'avenir", total amount 103'000 CHF (together with Prof Marie Théaudin).
- 2024: Funding from the Swiss National Science Foundation: "Combining exercise and nutritional activation of mitochondrial calcium import to improve skeletal muscle adaptations and health", total amount 772'622 CHF
- 2024: Funding from the Swiss National Science Foundation: "Sex difference in the response to resistance exercise: a comprehensive neuro-muscular approach", total amount 339'150 CHF
- 2024: Funding from the ULB-UNIL privileged partnership: "STEAdY (STimulation-related Enhancement of functional Ability in Young adults)", total amount 9'000 CHF
- 2021: Funding from the Swiss National Science Foundation: "Going against the G(r)AIN: wide pulse high frequency neuromuscular electrical stimulation as a therapeutic strategy in disorders associated with motoneuron hyperexcitability", total amount CHF 329'004 CHF

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## **EDITORIAL ACTIVITIES**

- Nov 2013- present: Editor, European Journal of Applied Physiology
- Invited jury member for >15 PhD theses