

# Curriculum Vitae

## Summary



**FRANCIS DEGACHE**

**Actual**  
**Head of Sciences and Sport AudioVitality**

Environmental stress, fatigue, postural control, proprioception, isokinetic performance

- 1 Analysis of fatigue, locomotion and movement in the sport medicine topic: study of the relationship between muscle function (isokinetic) and motor performance and functional - motor response
- 2 Neuromuscular training responses to locomotor function - characterize muscle fatigue and its adaptation to stress.
- 3 Postural control, complexity of signal, dynamic approach.
- 4 Physiological and sports performances responses to environmental stress (hypoxia, heat, humidity)

<https://www.linkedin.com/in/francis-degache-87323262/>

<https://scholar.google.ch/citations?hl=fr&pli=1&user=aUEGmD4AAAAJ>

<https://www.researchgate.net/profile/Francis-Degache>

## EDUCATION

2005 St Etienne, France

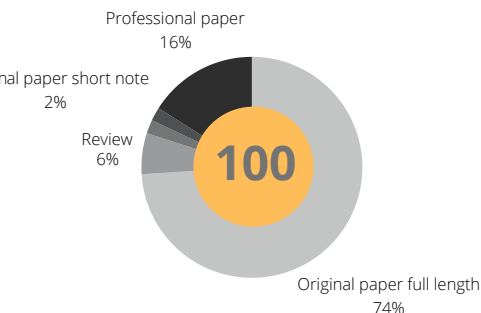
### PhD in Human Motricity and Disabilities

"Isokinetic muscle performance in chronic heart failure patients - Testing and training monitoring"

## CONFERENCES



## PUBLICATIONS



## EMPLOYMENT

- 2019 - 2022 Lausanne  
**Head of Research and development - MotionLab**
- 2012 - Actuel Lausanne  
**Associate researcher - Lausanne University**
- 2012 - 2019 Lausanne  
**Associate Professor - High School of Health**
- 2010 - 2012 Lausanne  
**Temporary Senior Lecturer - University of Lausanne**
- 2009 - 2010 St Etienne  
**Researcher - University Hospital Center**
- 2007 - 2009 Montpellier  
**Senior Lecturer - University of Montpellier**



# SCIENTIFIC EXPERTISES



## Editor

### Associate editor

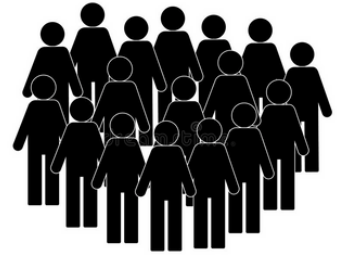
- Frontiers in exercise physiology
- Frontiers in physical activity and active living
- Isokinetics and exercise sciences
- European journal of adapted physical activity
- Open journal of sport sciences

## Reviewer

- > 20 different journals
- > 200 reviewing



## Supervisor



2 PhD students  
>30 Honours Msc students



# PROJECT MANAGEMENT

## Project manager



50



>1Mo



2.5 years



DISTANCE  
**3,000 MILES**  
**4,828 KM**

CLIMBING  
**175,000 FT**  
**53,340 M**

HIGHEST POINT  
**10,857 FT**  
**3,309 M**



# PHYSICAL EXERCISE & HEALTH



UNIL | Université de Lausanne

