



## Postdoctoral Position in Exercise Physiology and Molecular Biology (M/W)

### Job description

Company: M2S Laboratory–Rennes 2 University/ ENS Rennes

Position: Work contract of limited duration – 12 month (immediatly or as soon as possible)

Experiment: 1 year of postdoctoral position

Localisation: France / BRETAGNE/ BRUZ

Activity: biochemistry, molecular biology analyses and exercise physiology

Workplace: Mouvemnt Sport and Health (M2S), bâtiment SDS- ENS RENNES- Campus Ker Lann, Avenue Robert Schuman, 35170 BRUZ, France

<http://m2slab.com/>

### Required Education

Level: PhD Degree

Fields: Exercise physiology and molecular biology

### Language skills

Required language: english

Level: good

The french language assesment will be considered as an advantage.

### Application details

A postdoctoral fellow position is available to start immediately in our laboratory (M2S).

#### Systemic and Muscular dysfunctions in Diabetes: non pharmacological interventions (Physical Exercise and Arthospira Platensis supplementation)

A postdoctoral scholar position is available immediately at M2S Lab of Rennes 2 University (a leading institute in exercise physiology and metabolic dysfunctions) to identify molecular mechanisms that links exercise, dietary and/or nutritional interventions to the metabolic diseases using molecular, cellular and/or metabolic approaches. The primary focus of the laboratory is the interactions of physical exercise and biological nutrients on chronicl diseases (diabetes, obesity, diabetic complications, cardiovascular diseases and cancer). In particular, our topics focus on the effects of acute or chronic exercise associated with biological active ingredients on pro/antioxdant status, inflammation markers and insulin dysfonctions. Required qualifications include a PhD degree in molecular biology, metabolic diseases, or exercise physiology with demonstrated productivity in these fields. Candidate must be fluent in English. Experience in working with skeletal muscle signaling pathways involved in contraction, insulin and redox status are definitely a plus.

Status: Full time

Benefits: conform to national standards including medical insurance, contribution to retired plan 2085€ /month (2346 US dollars)

### Expertise

- PhD in exercise physiology or molecular biology;
- Animal models of diabetes and exercise training
- Animal experiment level
- Biochemistry and Molecular Biology (tissue extraction's technics, colorimetric assays, western blot analyses, qPCR, histological analyses...)
- Scientific data collection, statistical analyses, presentation and preparation for publication

### Application form

Qualified candidate should send a *Curriculum Vitae* and three names of references to Drs. Sophie Vincent and Carole Groussard. For more information of the research work of the laboratory, please visit <http://m2slab.com/>

**Sophie Vincent: [sophie.vincent@univ-rennes2.fr](mailto:sophie.vincent@univ-rennes2.fr)**

**Carole Groussard : [carole.groussard@univ-rennes2.fr](mailto:carole.groussard@univ-rennes2.fr)**