



CENTRE DE
RECHERCHE
EN MYOLOGIE



**SORBONNE
UNIVERSITÉ**
CRÉATEURS DE FUTURS
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Institut national
de la santé et de la recherche médicale



**INSTITUT DE
MYOLOGIE**
INNOVER POUR GUERIR

CENTRE de RECHERCHE en MYOLOGIE - CENTER of RESEARCH in MYOLOGY

Director : Bertrand Fontaine

Post-doctoral researcher in human muscle regeneration

Trollet/Mouly Team, Center of Research in Myology, Paris, France.

A postdoc position is available to study the causal impact of dietary intake on epigenetic regulation in muscle.

We are looking for a highly motivated postdoctoral researcher to join our research team, at the Center of Research in Myology in Paris. Our group, led by Capucine Trollet and Vincent Mouly, study cell and molecular actors in human muscle regeneration, ageing and disease (mainly DMD and OPMD). We have developed in vitro and in vivo models to evaluate the regenerative potential of human skeletal muscle including in xenotransplantation.

The postdoc will be employed on an **ERA-Net Cofund ERA HDHL- Nutrition & the Epigenome 3-year project** (Joint Programming Initiative a Healthy Diet for a Healthy Life- funded by **ANR** in France) and be part of a team of cell and molecular biologists (PI G.S. Butler-Browne). The aim of the consortium project is to define how nutritional modifications can modulate the regulatory and functional genome to promote cardio-metabolic health. The postdoc will carry out functional experimental work assessing the impact of diet on molecular changes in muscle.

Highly motivated scientists with a strong interest in human muscle stem cell and muscle regeneration are encouraged to apply. The ideal candidate is a PhD in Life Science, with excellent track record and expertise in myology and animal experimentation. We would also appreciate:

- Experience in histology and cell culture
- Strong analytical skills, and a problem-solving attitude;
- Ability to work and interact with others in an energetic and supportive research group.

Salary Details: The salary will be according to the guidelines of the Inserm status, depending on experience. The contract is on a 12-month basis, renewable up to 3 years.

CV, list of publications, short description of previous research projects and contact information for (at least) two referees should be sent by email to capucine.trollet@upmc.fr



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