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Postdoctoral Fellowships



CALL FOR APPLICATIONS 2025 – FELLOWS

Supervisor	Anne Bertrand
Supervisor page	https://recherche-myologie.fr/profile/anne-bertrand/
Host Institution	National Institute for Health and Medical Research (Inserm) https://www.inserm.fr/en/home/
Research Lab	Institute of Myology https://www.institut-myologie.org/en/
Research Team	Genetics and pathophysiology of neuromuscular disorders linked to the extracellular matrix and to the nucleus https://www.institut-myologie.org/en/recherche-2/centre-de-recherche-en-myologie/team-1-gisele-bonne/

Project Title

Gene therapy for striated muscle laminopathies

Project Description

Striated muscle laminopathy (SML) is a group of rare autosomal dominant disorders due to LMNA mutations, for which no cure is available yet. The present project aims first at identifying the best molecular tools to down regulate the mutant allele and re-express the wild type allele that will be evaluated for their therapeutic potential in a mouse model of SML. The host team, headed by Dr Bonne, pioneer in the genetics of SML, has more than 25-year experience in genetics, physiopathology for SML.

Keywords

striated muscle laminopathy, gene therapy, ShRNA knock-down

Description of the Host Research Lab

Located in Paris, at the heart of Europe's largest hospital, The Pitié-Salpêtrière Hospital, the Institute of Myology was created in 1996 under the leadership of an association of patients and their parents, the AFM-Telethon. Our goal: to promote the existence, recognition and development of myology as a separate discipline. Whether diseased, healthy, injured, athletic, or ageing ... muscle, on which our vital functions depend, has become a real innovative model for medical research. With a patient focus, the Institute of Myology coordinates the medical management, basic, applied and clinical research and education. It is an international reference centre that participates in numerous trials and clinical studies, mainly concerning neuromuscular diseases but also muscle damage related to high performance sports or ageing.

To submit your application, please send an email with the required documents to
msca-pf@sorbonne-universite.fr