



CENTRE DE
RECHERCHE
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Engineer position available



Centre of Research in Myology, Sorbonne Université-Inserm, Institut de Myologie
Groupe Hospitalier Pitié-Salpêtrière, Paris, France.

Description: An Engineer position is available in the team of **Gisèle Bonne** in the context of the International Network of Excellence PRIORITY, *Cardio-LaminoPathy: from pathomechanisms to personalized Therapy*, supported by the Leducq Foundation. PRIORITY consortium aims at the investigation of *i)* the clinical and genetic spectrum of LMNA-DCM, *ii)* the underlying disease mechanism(s) of the disease in order to *iii)* develop mechanism-based therapies, potentially offering personalized therapeutic options for LMNA-DCM patients. The present position is opened to work on the aim dedicated to the development of a gene therapy for LMNA-DCM. The team has a long-standing expertise in neuromuscular disorders, in particular in Laminopathies, and use different cellular (primary and immortalized skin and/or muscle cells) and murine models to explore the pathomechanisms of the disease, to study *in vivo* and *ex vivo* striated muscle development and function with the goal to develop relevant therapeutic approaches.

The laboratory is a Joint Research Unit of Sorbonne Université (SU) and Inserm. It is part of the Myology Institute located on the Pitié-Salpêtrière Hospital campus, and offers a highly interactive and international research environment with state-of-the-art core facilities.

Qualifications: Candidates should have a Master degree or equivalent and expertise in molecular and cellular biology (and if possible in myology). Having a training certificate in animal experimentation is a plus.

Mission: The candidate will have in charge the cloning of various vectors for the gene therapy. He/she will be involved in the molecular evaluation of the therapeutic potential of these constructions *in vitro* and/or *in vivo* via *in vitro* cell's infection, RT-qPCR, droplet PCR, stem-loop PCR, immunofluorescence and western blotting technics.

Salary Details: The salary will be according to the guidelines of the Inserm Status, depending on experience. The position will be initially available for 2 years.

Application Details: Candidates should send their application with full supporting documentation (CV, short description of previous research project(s), and names and addresses of 2 referees) to:

Gisèle Bonne, PhD and Anne Bertrand, PhD

Center of Research in Myology

Sorbonne Université - Inserm UMRS 974

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<https://recherche-myologie.fr/>

Date: The position is available from **March 2025**