

CENTRE de RECHERCHE en MYOLOGIE

POSTDOCTORAL POSITION IN MOLECULAR MECHANISMS INVOLVED IN SPINAL MUSCULAR ATROPHY DISEASE

The “[Biotherapies for motor neuron disorders group](#)” (BOND) is looking for a postdoctoral fellow to lead a research project on the understanding of novel molecular mechanisms involved in the Spinal Muscular Atrophy (SMA) pathogenesis. The project includes in vitro studies on mouse and human cell lines, analysis of human biopsies and in vivo tests on a mouse model of the disease. More details will be provided on demand.

The BOND group is located in the Center of Research in Myology, Sorbonne University, INSERM U974, Institute of Myology (Pitié-Salpêtrière hospital, Paris), a unique environment for research and development of innovative therapies for neuromuscular diseases. Candidates will therefore have the opportunity to work in a stimulating and enriching context (see <https://recherche-myologie.fr/?lang=en>).

The team is focused on the study of novel biotherapies for motor neuron disorders and contributed to seminal discoveries on gene therapy approaches for SMA (Besse A., Mol Ther, 2020; Dominguez A., Human Mol Genet, 2011). The current project in the lab is focused on the investigation of mechanisms altered in the disease and involved in the degeneration of motor neurons and muscle cells.

We are looking for a highly motivated and creative scientist with a strong background in molecular, cell or stem cell biology and in vivo manipulation skills. Experience in epigenetic and bioinformatics analyses are a plus. A good track-record of publications is required together with the ability to work in a collaborative environment.

The position is available for a scientist motivated by passion for science and projects at the interface between basic and applied research. The working language will be English. The position is for 1 year, renewable.

Please send us your application with a CV, a cover letter outlining your motivation, a short summary of your past research and the names of at least two references.

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