

Post-doctoral position in Physiology and Cell Biology

A two-year fully funded post-doctoral fellowship position sponsored by ANR will be available at the Myology Research Center in the group of Stéphane Vassilopoulos (<https://vassilopoulos.org/>) to assess the structure/function relationship of clathrin structures in mechanotransduction and endocytosis. The main objective is to reveal the mechanisms by which muscle cells form clathrin plaques using alternative splicing isoforms of the endocytosis machinery and provide novel insight to myotonic dystrophy pathophysiology, a "spliceopathy" affecting in particular muscle and central nervous system functions. The Myology Research Center is a multidisciplinary research center dedicated to research on muscle and its pathologies. Located in the heart of the Groupe Hospitalier Pitié-Salpêtrière and the Faculté de Médecine Sorbonne Université in Paris, the Research Center benefits from a privileged scientific and medical environment. (<https://recherche-myologie.fr/research/labs/bitoun-lab/?lang=en>). The position will be in the '**Muscle cell organization and therapy of dominant centronuclear myopathy**' team lead by Marc Bitoun, whose main interests are at the crossroads between fundamental cell biology of membrane trafficking and therapeutic strategies for centronuclear myopathy

Qualifications:

We are looking for a highly motivated, enthusiastic and interactive candidate with a Ph.D degree, who is interested in applying his/her knowledge in molecular and cellular biology and mouse physiology. Preference will be given to those with a recent PhD degree and a good publication record. Prior experience in mouse experimentation is required; experiences in primary cell culture and mouse models are preferred but not mandatory. Necessary skills include creativity, good oral and written communication abilities in English. A good ability to work in a collaborative environment is required.

How to apply:

Please send a cover letter stating your previous research experience and motivation, CV and contact information for two references as a single file to: s.vassilopoulos@institut-myologie.org. Deadline to apply: 2022, September 1st.