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Marie Skłodowska-Curie Actions

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Postdoctoral Fellowships



CALL FOR APPLICATIONS 2025 – FELLOWS

Supervisor	Jean-Thomas Vilquin
Supervisor page	https://recherche-myologie.fr/profile/jean-thomas-vilquin/
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	Myasthenia gravis, etiology, pathophysiology & therapeutical approaches https://www.institut-myologie.org/en/recherche-2/centre-de-recherche-en-myologie/rozen-le-panse/

Project Title

Assessment of extracellular vesicles as therapeutic tools in complementary models of neuromuscular disorders

Project Description

Extracellular vesicles (EVs) are nanoparticles produced by resting or activated cells and present immunomodulatory, anti-fibrotic and pro-myogenic capacities. We propose to produce and characterize EVs from human resting and primed cells, and to investigate their therapeutic benefits in vitro and in vivo in three distinct pathological conditions related to muscle function, regeneration and homeostasis (Myasthenia gravis, Dermatomyositis, Duchenne muscular dystrophy).

Keywords

extracellular vesicles, neuromuscular diseases, therapeutic tools

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