



MSCA

Marie Skłodowska-Curie Actions

*Developing talents,
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Postdoctoral Fellowships



CALL FOR APPLICATIONS 2025 – FELLOWS

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Host Institution	Sorbonne Université https://www.sorbonne-universite.fr/en
Research Lab	Development Adaptations and Aging https://www.ibps.sorbonne-universite.fr/en/research/development-adaptations-and-aging
Research Team	Stem Cells, Cardiovascular pathophysiology and Biotherapies https://www.ibps.sorbonne-universite.fr/en/research/development-adaptations-and-aging/carther

Project Title

The Role of Mitochondria-Derived Intercellular Communication in Cardiac Homeostasis and Disease

Project Description

It is now widely recognized that entire mitochondria, their genome and even their components can cross cell barriers and be transferred between cells, influencing a range of biological processes, including tissue homeostasis and regeneration. Disruptions in these processes contribute to cardiac pathologies, such as heart failure. Following this, the team aims to explore the mechanisms underlying mitochondrial transfer and its impact on cardiac function in a physiological and pathological context

Keywords

cardiovascular, mitochondria, heart failure

Description of the Host Research Lab

Dev2A builds on its long-standing expertise in many aspects of integrative developmental biology, using a wide variety of model organisms, including *C. elegans*, *Drosophila*, zebrafish, *Xenopus*, chicken, mice and plants. We also develop work on cell and tissue culture, organoids and organ-on chips.

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