



MSCA

Marie Skłodowska-Curie Actions

*Developing talents,
advancing research*

Postdoctoral Fellowships



CALL FOR APPLICATIONS 2025 – FELLOWS

Supervisor	Clément Carré
Supervisor page	https://www.ibps.sorbonne-universite.fr/en/ibps/directory/1900-CI%C3%A9ment-Carr%C3%A9
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	Transgenerational Epigenetics & small RNA biology https://www.ibps.sorbonne-universite.fr/en/research/development-adaptations-and-aging/transgenerational-epigenetics-small-rna-biology

Project Title

Humanize Argonaute in Drosophila: helping to understand Intellectual Disability

Project Description

This project investigates human neurodevelopmental disorders caused by mutations in Argonaute (Ago) genes provoking intellectual disability. These genes encode Ago proteins, which regulate mRNAs and neuronal differentiation through miRNA activity. Our project aims to identify new variants, study their clinical impacts and use Drosophila to understand how these variants disrupt brain development in patients. At longer term, it also aims to improve diagnosis and prognosis of Ago syndrome patient.

Keywords

argonaute variant, miRNA, intellectual disability

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
msca-pf@sorbonne-universite.fr