



**MSCA**

Marie Skłodowska-Curie Actions

*Developing talents,  
advancing research*

## Postdoctoral Fellowships



### CALL FOR APPLICATIONS 2025 – FELLOWS

<b>Supervisor</b>	Enrico Maria Daldello
<b>Supervisor page</b>	<a href="https://www.ibps.sorbonne-universite.fr/fr/IBPS/annuaire/13027-Enrico+Maria-Daldello">https://www.ibps.sorbonne-universite.fr/fr/IBPS/annuaire/13027-Enrico+Maria-Daldello</a>
<b>Host Institution</b>	Centre National de la Recherche Scientifique (CNRS) <a href="https://www.cnrs.fr/en">https://www.cnrs.fr/en</a>
<b>Research Lab</b>	Development Adaptations and Aging <a href="https://www.ibps.sorbonne-universite.fr/en/research/development-adaptations-and-aging">https://www.ibps.sorbonne-universite.fr/en/research/development-adaptations-and-aging</a>
<b>Research Team</b>	Oocyte Meiosis Group <a href="https://www.ibps.sorbonne-universite.fr/en/research/development-adaptations-and-aging/biology-of-the-oocyte">https://www.ibps.sorbonne-universite.fr/en/research/development-adaptations-and-aging/biology-of-the-oocyte</a>

#### Project Title

The role of ubiquitin ligases in controlling Cdk1 activation and oocyte divisions

#### Project Description

Our lab explores the mechanisms controlling meiotic divisions in oocytes, using *Xenopus* as a model. Recent studies show that protein homeostasis is crucial for the signaling pathways initiating oocyte division. The project aims to identify the ubiquitin ligases involved, their substrates, and how they are regulated during division resumption. Cutting-edge technologies will be used to understand gamete formation and the activation of Cdk1, the universal kinase triggering eukaryotic cell division.

#### Keywords

oocyte divisions, the G2/M transition, ubiquitin ligases

#### 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](mailto:msca-pf@sorbonne-universite.fr)