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CALL FOR APPLICATIONS 2025 – FELLOWS

Supervisor	Sébastien Darras
Supervisor page	https://biom.obs-banyuls.fr/en/group_5_median_fin_formation_in_chordates/page_4/page_2-1.html
Host Institution	Centre National de la Recherche Scientifique (CNRS) https://www.cnrs.fr/en
Research Lab	Integrative Biology of Marine Organisms https://biom.obs-banyuls.fr/en/index.html
Research Team	Development and Evolution of Ascidians https://biom.obs-banyuls.fr/en/group_5_median_fin_formation_in_chordates.html

Project Title

Functional and comparative approaches with ascidian embryos to study the evolution of developmental mechanisms.

Project Description

While EvoDevo has largely focused on the identification of conserved mechanisms regulating the formation of homologous structures, a wide range of changes occur in the course of evolution without systematic phenotypic consequences. The current state of biology allows to access the diversity of species to document the evolution of developmental mechanisms. The project will use ascidians as models to address this question using functional genomic approaches.

Keywords

EvoDevo, ascidians, functional genomics

Description of the Host Research Lab

The main purpose of the "Integrated Biology of Marine Organisms (BIOM)" research unit is to study, in an evolutionary approach, the mechanisms of development and adaptation of marine organisms. This very general objective is achieved through the use of non-conventional marine model organisms allowing comparative studies complementary to those carried out with more traditional models. This type of approach is based both on the specificities related to the diversity of the organisms studied, but also on the profound unity of the living world which allows comparisons between organisms that are in many cases phylogenetically very distant from each other.

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