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Marie Skłodowska-Curie Actions

*Developing talents,
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Postdoctoral Fellowships



CALL FOR APPLICATIONS 2025 – FELLOWS

Supervisor	Fabien Lombard
Supervisor page	https://lov.imev-mer.fr/web/member/fabien-lombard/
Host Institution	Sorbonne Université https://www.sorbonne-universite.fr/en
Research Lab	Laboratoire d'Océanographie de Villefranche https://lov.imev-mer.fr/web/home/
Research Team	Computational Plankton Ecology https://lov.imev-mer.fr/web/team-complex/

Project Title

Plankton end-to -end fluxes

Project Description

Plankton are critical to ecosystems, and essential in trophic in ecosystems and carbon fluxes in water columns. Imaging tools (flow cytometry, FlowCam, PlanktoScope, ZooScan) now allow precise plankton monitoring across sizes but lack integration. This project combines imaging, genomic, and flux analyses on APERO cruise and Point B monitoring to unify plankton structure, offering new insights into plankton dynamics and associated trophic and biogeochemical fluxes.

Keywords

plankton, imaging, carbon fluxes

Description of the Host Research Lab

The four main missions of LOV are research (expanding knowledge), observation, teaching and outreach. They contribute to the study of the world's oceans and, in particular the response and contribution to global change, with the aim of predicting the future evolution of ecosystem services. These studies cover offshore and coastal areas, exchanges at the air/sea/land/ice pack interfaces, and, in the sea, the water column. The variables studied belong to the disciplines of biology, chemistry, biogeochemistry and physics (optics and hydrodynamics).

To submit your application, please send an email with the required documents to
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