



# Postdoctoral Fellowships

**MSCA**

Marie Skłodowska-Curie Actions

*Developing talents,  
advancing research*



## CALL FOR APPLICATIONS 2025 – FELLOWS

<b>Supervisor</b>	Nathalie Vigier
<b>Supervisor page</b>	<a href="https://lov.imev-mer.fr/web/member/nathalie-vigier/">https://lov.imev-mer.fr/web/member/nathalie-vigier/</a>
<b>Host Institution</b>	Sorbonne Université <a href="https://www.sorbonne-universite.fr/en">https://www.sorbonne-universite.fr/en</a>
<b>Research Lab</b>	Laboratoire d'Océanographie de Villefranche <a href="https://lov.imev-mer.fr/web/home/">https://lov.imev-mer.fr/web/home/</a>
<b>Research Team</b>	Chimie - Océan – Climat <a href="https://lov.imev-mer.fr/web/team-choc/">https://lov.imev-mer.fr/web/team-choc/</a>

### Project Title

Isotope tracing of the impact of lithium contamination on aquatic species

### Project Description

Lithium (Li) is key in the energy transition and massively used to produce mobile devices and electrical vehicles. Yet its current consumption rate exceeds its river flux to the ocean, while the question of toxicity of Li excess in the environment is little explored yet. Combining a novel isotopic methodology with ecotoxicology approaches, we aim to determine the biological and trophic transfer of lithium to aquatic species using aquaculture of model organisms and examine its effect.

### Keywords

lithium, isotopes, contamination

### 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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