

# **Postdoctoral Fellowships**

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#### **CALL FOR APPLICATIONS 2025 – FELLOWS**

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Supervisor page <a href="https://www.sb-roscoff.fr/en/chambouvet-">https://www.sb-roscoff.fr/en/chambouvet-</a>

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Host Institution Sorbonne Université

https://www.sorbonne-universite.fr/en

Research Lab Adaptation and Diversity in the Marine Environment

https://www.sb-roscoff.fr/en/adaptation-and-diversity-marine-

environment

Research Team Ecology of marine plankton

https://www.sb-roscoff.fr/en/team-ecomap

## **Project Title**

Diversity of eukaryotic MICRObial communities associated with an emerging protist parasite in CLAM populations along the european coastline (MICROCLAMS)

## **Project Description**

Marine ecosystems are experiencing unprecedented anthropogenic changes, leading to emerging diseases and biodiversity loss. Perkinsus olseni, introduced from Asia with Manila clams, has spread along the European coastline, causing recurrent mortality. However, temperature alone cannot explain observed virulence differences. This MSCA project explores how the microbial pathobiome influences parasite pathogenicity using in situ and in vitro approaches to better understand host-parasite dynamics.

## **Keywords**

genetic diversity, parasitology, protistology

## **Description of the Host Research Lab**

Ecology, evolution and environment constitute the triad of research at the Adaptation and Diversity in the Marine Environment (AD2M) research department. The main objective of the department is to study the populations, species and communities that populate the worlds' seas and oceans to understand their functioning, their diversity and their fate.