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Marie Skłodowska-Curie Actions

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Postdoctoral Fellowships



CALL FOR APPLICATIONS 2025 – FELLOWS

Supervisor	Simon Dittami
Supervisor page	https://www.sb-roscoff.fr/en/dittami-simon/397
Host Institution	Centre National de la Recherche Scientifique (CNRS) https://www.cnrs.fr/en
Research Lab	Laboratory of Integrative Biology of Marine Models https://www.sb-roscoff.fr/en/laboratory-integrative-biology-marine-models
Research Team	Algal Biology and Interactions with the environment https://www.sb-roscoff.fr/en/team-algal-biology-and-interactions-environment/presentation

Project Title

Beneficial host-microbiome interactions in sugar kelp

Project Description

Saccharina latissima, a key kelp species in European coastal ecosystems, harbors beneficial γ -proteobacteria of the genus *Granulosicoccus* in its core microbiome. We aim to understand the molecular interactions between these partners in individual host development and host ecology. Possible approaches include but are not limited to, co-culture experiments, genomics (2 sequenced strains available), metabolomics, transcriptomics, metabolic networks, selection assay, and microscopy (FISH).

Keywords

host-microbe interactions, mutualism, seaweed microbiome

Description of the Host Research Lab

The Laboratory of Integrative Biologie of Marine Models [LBI2M CNRS-UPMC] is a interdisciplinary research unit (biology/chemistry/ecology) whose interests are focused on a large range of marine organisms, such as metazoans, macroalgae and marine bacteria that are in general qualified as emerging biological models

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