



MSCA

Marie Skłodowska-Curie Actions

*Developing talents,
advancing research*

Postdoctoral Fellowships



CALL FOR APPLICATIONS 2025 – FELLOWS

Supervisor	Martin Larsen
Supervisor page	https://www.researchgate.net/profile/Martin-Larsen-16
Host Institution	Sorbonne Université https://www.sorbonne-universite.fr/en
Research Lab	Center of Immunology and Microbial Infections https://cimiparis.fr/en/
Research Team	Immunity & Gut Microbiota Ecology https://www.immulab.fr/cms/

Project Title

Host Immunity and Microbiota interactions in human health and pathophysiology.

Project Description

Seeking a postdoc to investigate the diet-microbiota-immune axis. The host laboratory (within Centre d'Immunologie et Maladies Infectieuses, Inserm U1135) studies the interactions between environmental exposure, gut microbiota and host immunity to understand healthy gut microbiota homeostasis and human physiopathology. We aim to decipher the role of adaptive immunity on gut microbiota homeostasis, with particular emphasis on microbiota-specific immunoglobulin A (immuno-microbiota). We seek to identify antibody targets and quantify dietary metabolites with immune-modulatory properties and associate them with gut microbiota composition and immune-microbiota profiles. We investigate relations between aberrant gut microbiota composition, gut immunity and human pathophysiology, such as obesity and allergy. Under guidance from Dr. Martin LARSEN (team leader), the candidate is expected to develop a research project proposal, which combines the interests of the host laboratory (www.immulab.fr) and the expertises of the candidate.

Keywords

microbiota, immunoglobulins, diet

Description of the Host Research Lab

The research conducted at the Cimi explores how the immune system functions and host-pathogen interactions, but also aims to develop immune-based therapeutic strategies and new ways to fight infectious diseases.

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