



MSCA

Marie Skłodowska-Curie Actions

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Postdoctoral Fellowships



CALL FOR APPLICATIONS 2025 – FELLOWS

Supervisor	Wilfried Le Goff
Supervisor page	https://recherche-cardiovasculaire-metabolique.fr/profile/?smid=675
Host Institution	Sorbonne Université https://www.sorbonne-universite.fr/en
Research Lab	Research Unit on Cardiovascular and Metabolic Diseases https://recherche-cardiovasculaire-metabolique.fr/
Research Team	Cellular and Systemic Lipid Metabolism in Cardiometabolic Diseases https://recherche-cardiovasculaire-metabolique.fr/teams/teams/cellular-and-systemic-lipid-metabolism-in-cardiometabolic-diseases/

Project Title

To decipher pathways through which dynamic lipid remodeling contributes to liver-heart crosstalk in cardiometabolic diseases

Project Description

Cardiometabolic diseases (CMD) encompassing dyslipidemia, obesity, diabetes and metabolic associated fatty liver disease are strongly associated with cardiovascular diseases, the leading cause of death globally. Our research project aims to decipher the pathways through which dynamic lipid remodeling orchestrates both cell and tissue plasticity and dysfunction in CMD. An emphasis on the impact of diet, gut microbiota and liver-heart crosstalk will be conducted through multi-omics approaches.

Keywords

lipid metabolism, tissue remodeling, cardiometabolic diseases

Description of the Host Research Lab

Situated in downtown Paris, in Pitié-Salpêtrière University Hospital, the research unit UMRS 1166-ICAN is located in Pierre and Marie Curie School of Medicine.

It brings together 5 internationally recognized research teams with complementary interests and approaches in genetics, genomics, bioinformatics, molecular and cellular biology, physiology and pharmacology to bear upon cardiovascular and metabolic diseases.

As the primary cause of death in developed countries, cardiovascular and metabolic diseases share pathophysiological characteristics as diet, lifestyle, environment, genetic and epigenetic factors that contribute to disease progression, and are also their initial cause. Therefore interactions between basic and clinical research are critical in understanding them.

ICAN unit research teams are members of the Institute of Cardiometabolism and Nutrition IHU ICAN.

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