
IPBS Call for Post-doctoral fellows

The IPBS (Institute of Pharmacology and Structural Biology) is seeking motivated postdoctoral researchers to apply for Marie Skłodowska-Curie and/or EMBO fellowships, and join our laboratory to carry out their research project.

Research topic

Multimodal imaging and *in vitro* approaches to decipher lipid transfer between tumor-surrounding adipocytes and breast cancer.

We are seeking for a highly motivated post-doc to i) determine the nature of the lipids transferred and stored in tumor cells (as well as in other components of the microenvironment such as fibroblasts) and to evaluate if this metabolic symbiosis is amplified by obesity using a groundbreaking approach coupling mass spectrometry imaging (MSI) coupled to immunofluorescence and ii) model this dialog in vitro using co-culture systems with primary adipocytes. This work will be realized in human breast cancer tumors in close collaboration with clinicians from Toulouse Cancer Center. MSI experience will be an asset.

Research environment

Host Institution: Centre National de la Recherche Scientifique

Laboratory: Institute of Pharmacology and Structural Biology (Toulouse, France)

Supervisor: Prof. Catherine Muller

Team: Microenvironment, Cancer and Adipocytes

Fundings conditions

- The fundings provide living allowance, mobility allowance, family allowance (if applicable), research costs, travel and relocation support.
- Candidates must hold a PhD or having it before the fellowship begins.
- **Each funding opportunity has specific eligibility requirements. Please ensure you review them before applying:**
 - [Marie Skłodowska-Curie Postdoctoral Fellowship](#) – Deadline: **10 September 2025**
 - [EMBO Postdoctoral Fellowship](#) – Deadline: **11 July 2025**



Application Process

Send a detailed CV and cover letter (in one PDF document) to:

- Catherine Muller: catherine.muller@ipbs.fr
- Landry Blanc: landry.blanc@ipbs.fr
- IPBS Recruitment: recruit@ipbs.fr

Email subject line: IPBS_Postdoctoral Fellowship Application: Catherine Muller1_ [Candidate Name]

Internal deadline (to IPBS): 21 May 2025