

Expression of Interest: Post-doctoral Position in Membrane Biology

Join Our New Lab at the Institute for Bioinnovation – Postdoctoral Opportunity in Membrane Protein Structural Biology

We are excited to invite motivated and excellent postdoctoral fellows to join our newly established lab at the Institute for Bioinnovation, Biomedical Sciences Research Center "Alexander Fleming" in Vari, Athens, Greece.

Membrane proteins are the primary targets of most therapeutic drugs, yet our structural understanding of these vital biomolecules remains limited. This is largely due to the lack of technologies that can accurately track their conformational states and dynamic motions under physiologically relevant conditions. Our research aims to bridge this knowledge gap by investigating the molecular mechanisms of membrane proteins, using cutting-edge approaches such as biological mass spectrometry alongside other structural biology tools.

We Are Looking For:

Postdoctoral Fellow

- Highly self-motivated and organised scientists with a proven ability to work both independently and as part of a team.
- **Essential qualifications:**
 - Extensive experience in **expression and purification of membrane proteins**.
 - Hands-on expertise in working with **lipids, membrane systems**, and **biophysical/biochemical methods of development**.
- **Desirable qualifications:**
 - Familiarity with **structural biology techniques** (e.g., HDX, cryo-EM, or X-ray crystallography).

The successful candidate will have the opportunity to work in a multidisciplinary environment, with potential for research visits in other research centres, scientific communication and outreach activities. Additional relevant skills include oral and written communication skills in English, critical thinking capability and participation in conferences and/ or publications.

Positions will be competitively funded by a HORIZON EU Program, [ERA Chair Grant \(MASSTRUCT\)](#). Expressions of interest should be sent electronically to **Dr Argyris Politis** (politis@fleming.gr) and/ or Ms Dimitra Chrysomalli (chrysomalli@fleming.gr), and should contain a cover letter outlining the candidate's interests and areas of expertise (maximum 1 page), as well as a CV including contact information of two referees.

Deadline for expression of interest 13/06/2025

For more information about the lab and the project, please visit:

<https://politislab.uk/>

<https://www.fleming.gr/>

Where to apply

E-mail: politis@fleming.gr or chrysomalli@fleming.gr