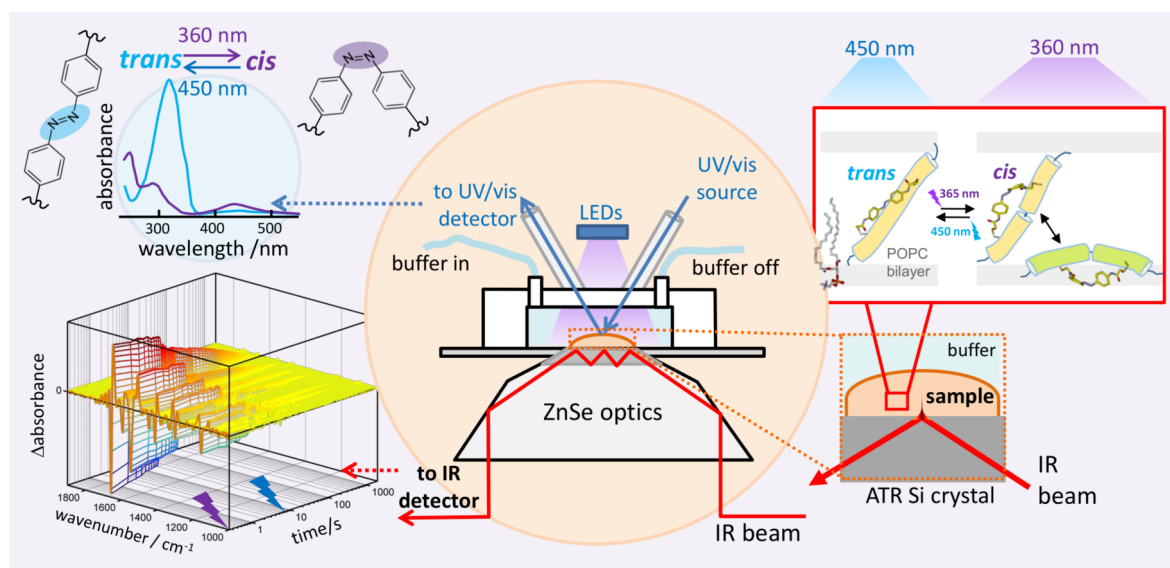


The **Membrane Biophysics** group from the **Institute for Molecular Science (ICMol)** at the **Universitat de València** (Valencia, Spain), searches a **postdoctoral** researcher interested in the **optical control of the folding, insertion of dimerization of transmembrane helices from proteins and peptides**.

We are working on adding optical control to the folding, insertion of dimerization of transmembrane (TM) protein fragments. We exploit the added control to better understand these relevant processes at the molecular level with the help of static and time-resolved spectroscopies and molecular dynamics simulations.

The applicant will add optical control to the dimerization of TM helices, a process of huge relevance in the activation of some receptors, implemented and characterized using Glycophorin A as a model.



What we offer

- Full time postdoc position for 1 year, starting from May/June 2023, with possibilities of extension.
- Economical retribution accordingly to the standards of the University of Valencia.

Applicant Profile

Researcher from different backgrounds are welcomed.

We value any experience in:

- Vibrational (or electronic) spectroscopies of proteins / peptides (static and/or time-resolved).
- Preparation and handling of membrane peptides / membrane proteins
- Synthesis and/or use of photoswitches.
- Scientific programming (Matlab, Python).

Applicant Eligibility

- Hold a PhD in science by a recognized university, received after May 2019.
- Candidates from countries outside the EU require a residence permit.

How to Apply

- Personal data and CV specifying, education, publication record, and any other relevant information.
- email to: victor.lorenz@uv.es (subject "MemBioPhys_Postdoc2023"), before the 3th of March 2023.