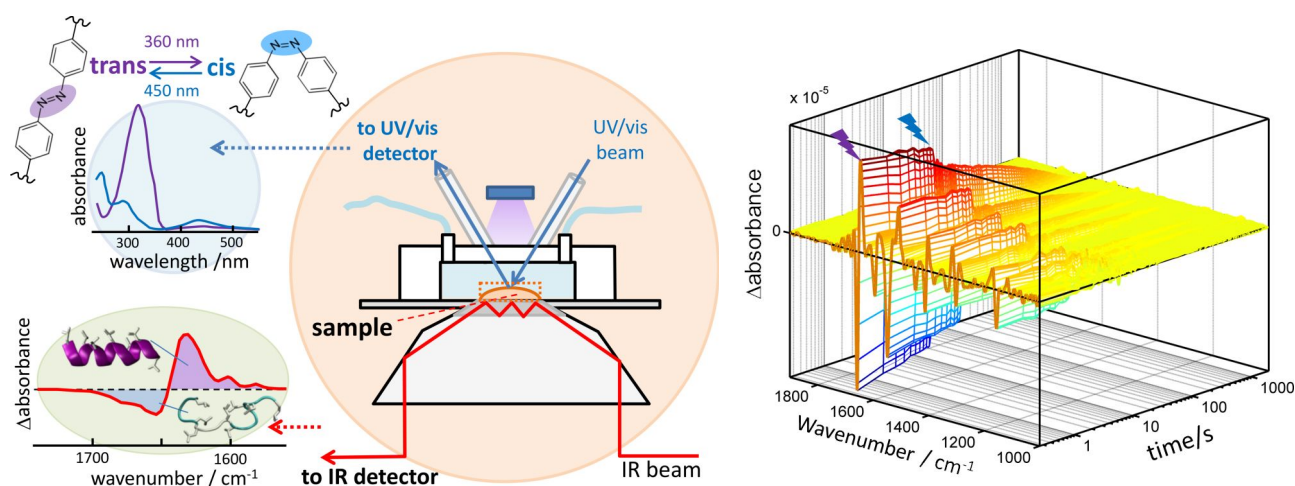


Predocctoral position

MemBioPhys@ICMol
The Membrane Biophysics Group

The [Membrane Biophysics](#) group from the [Institute for Molecular Science \(ICMol\)](#) at the [Universitat de València](#) (Valencia, Spain), led by **Victor Lorenz-Fonfria**, searches for **predocctoral** candidates to work in the project **Optical control of insertion, folding and dimerization of membrane protein fragments**.

The project aims to implement optical control for the insertion, folding and dimerization of hydrophobic protein fragments in lipid membranes, to better understand these relevant processes at the molecular level. The candidate will use chemical and biophysical strategies to achieve this goal, including: the synthesis of light-sensitive membrane protein fragments, their characterization by static and time-resolved spectroscopies, and the development of novel applications based on the achieved results.



Applicant Eligibility

Candidates must hold an internationally recognized master's degree (or evidence that it will be soon obtained), ready to enroll a PhD program from the [Universitat de València](#) in the course 2020/21.

Applicant Profile

- Interest in the intersection between physics, chemistry and biology.
- Experience in molecular spectroscopy, peptide synthesis, organic synthesis or scientific programming is not required, but will be evaluated positively.

What we offer

PhD contract (FPI, 4 years), funded by the Spanish Ministry of Science and Innovation.

Inquires and Applications

Contact victor.lorenz@uv.es (subject "OptoMemFold Predoc1"), preferably before the 10th of August 2020.

In your application include:

- CV, specifying education and relevant experience.
- Cover / motivation letter (why do you want to do a PhD? Why with us?).
- A scan of the Certified Academic Record, showing grades, ECTS, and average score (bachelor/degree and master).
- For non-Spanish certificates we will eventually require a document with the equivalent to the Spanish grading scale. This document can be obtained online at [this link](#).



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