



We are looking for motivated candidates for a PhD grant founded by the Spanish Ministry of Science and Innovation (FPI grant), associated to our project "Computational Biocatalysis: An Approach to the Rational Design of Enzyme Inhibitors and Biocatalysts with Biomedical Applications (COBIDE)" (Ref. PID2021-123332OB-C21), co-supervised by Vicent Moliner (www.biocomp.uji.es) and Iñaki Tuñón (www.uv.es/efme).

The project is focused on the computational study of biochemical catalysts, using a combination of Multiscale and Machine Learning methods to run atomistic computational simulations. The goal is to understand the interplay between structure and dynamics to rationalize the behavior of natural enzymes and guide the design of new biocatalysts.

We offer an excellent working environment in the two research groups, one in the Universitat Jaume I in Castellón and the other in Universitat de València, a long tradition in computational chemistry research and a large network of international collaborators.

We look for candidates passionate about learning, interested in computers and in the study of biochemical systems from a theoretical perspective.

Application period will be 12th to 26th of January 2023. The successful candidate is expected to start on September 2023.

If you have the intention to apply, please send us an email with your CV to:
Vicent Moliner (moliner@uji.es)
and/or Iñaki Tuñón (ignacio.tunon@uv.es)

Link to the call and application:

<https://www.aei.gob.es/convocatorias/buscador-convocatorias/proyectos-generacion-conocimiento-2022>