

Predocctoral fellow in antiviral drug discovery

The predoctoral fellow will work in the NIH-funded Center for Antiviral Medicines and Pandemic Preparedness (CAMPP), focused on the discovery of antiviral agents against SARS-CoV-2 and other pathogenic viruses with pandemic potential. This is a multidisciplinary consortium of world-class Virology, Chemistry, Pharmacology and Structural and Computational Biology laboratories located in North America, Australia and Europe (<https://www.campp.org>).

The successful candidate will join the laboratory led by José Gallego at Catholic University of Valencia (UCV), Spain (<https://www.ucv.es>) and will apply structural bioinformatics, structural biology and biophysical methods to identify potential drug targets within the structured RNA genome of SARS-CoV-2 and to discover new antiviral small-molecule agents based on viral RNA target recognition.

The publication list and research interests of this laboratory can be found at:

https://www.researchgate.net/profile/Jose_Gallego8; <http://orcid.org/0000-0002-0627-6927>.

•**Who can apply:** graduates in Chemistry, Biochemistry, Biotechnology or Pharmacy with a Master title. Candidates with a good command of English will be preferred. Admission to the PhD school of UCV is required. The work will involve the following fields: NMR spectroscopy analyses of RNA elements and complexes; drug design and/or structural bioinformatics; biophysical evaluation of RNA-small molecule interactions; molecular biology and biochemistry methods for RNA and protein production.

•**Conditions:** the position will be available until April 30th, 2025, depending on performance. The starting date will be immediate and the gross annual salary approximately €16,000.

•**How to apply:** applications should include a cover letter describing previous research experience and career goals, CV, academic records including average scores, and two references. Please send applications to José Gallego (jose.gallego@ucv.es) before **September 30th 2022**.

