

# PhD student opportunity in Organic Chemistry / Chemical Biology

The [MCS \(Medicinal Chemistry & Synthesis\)](#) group is seeking for a highly motivated **predoctoral student** to work in the area of **Biomedical Chemistry**. The candidate will be involved in a project of **photopharmacology** and their duties will be chemical synthesis of **compounds** that can change their **bioactivity upon illumination** with different wavelengths. Some basic **pharmacological characterization** will be also performed.

The project will be carried out at the [Institute for Advanced Chemistry of Catalonia \(IQAC-CSIC\)](#) in Barcelona. The MCS group is headed by **Dr Amadeu Llebaria** and it is focused on basic and applied research aimed to obtain biologically active compounds and their application in therapy through the development of drugs, working in all areas of Medicinal Chemistry. MCS group also includes a section of molecular pharmacology led by **Dr. Xavier Rovira**. Current main research includes Photopharmacology, Immunotherapy and Protein labelling.

## REQUIREMENTS

We look for a candidate holding (or near completion of) a Master's degree in Chemistry, Pharmacy or similar, with competitive marks (> 8) to be eligible to apply for PhD fellowships. A background in organic synthesis or bioinformatics will be an asset.

## CONDITIONS

We offer an initial internship with the possibility of being extended to a full pre-doctoral student position depending on the competence of the candidate and subject to the granting of a PhD fellowship.

## APPLICATIONS

Interested candidates please send complete CV and academic record to:

Xavier Rovira Algans: [xavier.rovira@iqac.csic.es](mailto:xavier.rovira@iqac.csic.es)

Xavier Gómez Santacana: [xavier.gomez@iqac.csic.es](mailto:xavier.gomez@iqac.csic.es)

Please visit our website ([www.iqac.csic.es/mcs](http://www.iqac.csic.es/mcs)) for more information about the group.