

Project Researcher in Med Chem AiCuris-ICIQ Joint Unit (Ref. Postdoc 2022-14 FC)

The Institute of Chemical Research of Catalonia (ICIQ) is seeking a Postdoctoral Researcher to join the Med Chem AiCuris-ICIQ Joint Unit.

ICIQ is committed to performing excellent research at the frontier of knowledge in the broad area of chemistry (Catalysis, Artificial Photosynthesis, Activation of Small Molecules, Photovoltaics, Functional Molecular Assemblies and Chemical Biology, from either theoretical or experimental perspectives). The institute also aims at training the future generation of scientists by offering high-quality educational programs to master, PhD students and postdoctoral researchers (Full details on <http://www.iciq.org/>).

ICIQ and the German biotech company AiCuris started recently a new collaboration in the area of medicinal chemistry. The objective of this collaboration is advancing Medicinal Chemistry research projects from initial hit finding and exploratory chemistry, through the lead optimization process to ultimately deliver high quality small molecule clinical candidates to AiCuris' pipeline.

The role of the Project Researcher will be to work in the synthesis and purification of new chemical entities and chemical libraries in medicinal chemistry projects for AiCuris, under the supervision of the Unit Manager.

Responsibilities:

- The selected candidate will focus on developing and optimizing synthetic procedures, synthesis and purification of novel chemical compounds in medicinal chemistry projects, applying state of the art technology and current best practice in synthetic and medicinal chemistry.

Requirements:

- PhD in organic chemistry, medicinal chemistry or equivalent
- Significant experience in multistep organic synthesis and preparation of high-quality small molecule chemical libraries
- Experience in the use of analytical methods (NMR, HPLC, LCMS, etc.)
- High level of English.

Valuable assets:

- Excellent written and verbal communication skills
- Decision making, creative thinking and problem-solving skills
- Strong commitment for scientific research
- Self-driven, self-motivated, flexible and adaptable

- Experience in developing medicinal chemistry projects for pharmaceutical companies or CRO
- Knowledge of structure-based drug design and ADME optimization in drug discovery
- Availability for immediate incorporation

Conditions

- Full-time contract until 31 December 2022 with the possibility of extension.
- Remuneration according to individual's qualification/experience.
- Incorporation: May 2022.
- Annual salary split in twelve monthly payments.

Applications need to include Motivation letter and CV with a description of previous accomplishments.