

Senior Researcher in Medicinal Chemistry for Industrial Project

The Institute of Chemical Research of Catalonia (ICIQ) is a research centre focusing on the areas of catalysis and renewable energies. In particular, homogeneous catalysis and its applications on the synthesis of bioactive compounds is one of the largest areas of research of the institute, as well as the largest area of collaboration with industry.

ICIQ and the German biotech company AiCuris will start a new collaboration in the area of medicinal chemistry. This collaboration will initially involve a team of 2 medicinal chemistry researchers, which could eventually grow into a larger team.

The role of the senior researcher will be to lead this group, 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.

Responsibilities

As senior researcher within multi-disciplinary projects, you will use hypothesis-driven and property-focused compound design to solve medicinal chemistry problems applying state of the art technology and current best practice in synthetic and medicinal chemistry.

The team at ICIQ will work in coordination with various outsourced chemistry activities with multiple local and global partners. Therefore, the senior researcher at ICIQ will need to coordinate activities with this network of partners, and work cross-functionally with other disciplines internally to advance research projects in a timely fashion.

Skills and Qualifications

Essential

- PhD in organic chemistry, medicinal chemistry or equivalent
- Minimum of 3 years' experience in an industrial drug discovery environment. More than 5 years' experience is preferred
- Comfortable communicating in English for day-to-day work. A basic knowledge of German would be advantageous, but it is not a prerequisite
- Inventorship on patent applications exemplifying biologically-important molecules

Highly desired

- Experience in the day-to-day supervision of medicinal chemistry researchers
- Background or experience in anti-infective research
- Strong publication record in peer-reviewed journals and a track record of presenting at scientific conferences

Technical experience

- Exceptional knowledge of modern synthetic and medicinal chemistry as well as a solid understanding of biological signalling pathways, structure-based drug design and ADME optimization in drug discovery
- Experience in all stages of the interdisciplinary drug discovery process from target selection and hit identification, through hit-to-lead and lead optimisation, to the delivery of development candidates
- Experience in managing, directing and prioritizing the work of a team of researchers
- Experience in assessing the patent landscape and independently driving patent filings to protect the Company's intellectual property

Behaviours

- Innovative and creative problem solver
- Excellent organizational skills and attention to detail
- Commitment to goals and a sense of urgency in fulfilling ambitious objectives
- Self-driven, self-motivated, flexible and adaptable

Conditions

- 1-year full-time contract
- Expected starting date: October 2019

Contact: positions@iciq.es

Applications: [ICIQ website](#)