

## Characterization Technologies Manager (Ref: MGMT 2022-16)

The Institute of Chemical Research of Catalonia (ICIQ) is seeking a **Manager** for the **Characterization Technologies Area**.

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/>).

Our mission is to lead, from the vantage point of molecular science, cross-strategies for solving major social and economic challenges, such as climate change and sustainable supply of energetic and raw materials, thereby contributing to the establishment of a knowledge-based economy and improving citizens' quality of life in our influence area.

The general responsibility of the **Characterization Technologies Manager** is to coordinate the different techniques of the unit (X-ray Diffraction; High Resolution Mass Spectrometry; Nuclear Magnetic Resonance; Chromatography; Thermal Analysis and Electrochemistry; Spectroscopy and Material Characterization; Photophysics). At the same time, the Manager will stay up to date regarding additional techniques that could be of interests for the Institute.

The candidate must be able to multitask, reassess priorities, and be adept at using logical reasoning to identify and solve issues as they arise.

The selected candidate will report to the Administration Director and work in close collaboration with ICIQ Group Leaders and researchers.

### Tasks and Responsibilities:

- As Characterization Technologies Manager your role will be leading and managing the day to day operations and staff of the Characterization Technologies Area at the Institute.
- Provide support and guidance to the researchers of the institute in the use of the Characterization Technologies Area services.

- Promote both internal and external use of the Characterization Technologies Area facilities by the scientific community.
- Establish relationships and collaborations with equivalent services from other research centers.
- Lead the technical understanding of future technologies of interest for the institute that are under development and research.
- Provide technical direction on business decisions and execution of specific projects.
- Evaluate budget proposals to determine the optimal allocation of project funds
- Keeping up-to-date with advancements in the field.

#### **Candidate's Profile:**

- The position requires a PhD in Chemistry, Physics, Biochemistry, or any related field.
- Extensive experience (with at least 5 years) and a keen interest at least in one of the techniques that are typically used in ICIQ's Characterization Technologies Unit services.
- Exceptional supervisory, interpersonal, and organizational skills.
- Computer literacy and data analysis skills.
- Fluent in English

#### **Valued qualities:**

- Innovation and problem-solving skills.
- Ability to teach, lead, direct, and manage staff.
- To have been involved in national and international scientific research projects.
- Proven track record of scientific publications contributions.
- Imaginative, creative and a curious person.
- Flexible, adaptable and open to changes.

#### **Application documents:**

The candidates must submit:

- Motivational letter and three reference letters/contact details of three people who may provide references.
- Full CV.

- A strategic plan to be developed during the first three years in the Characterization Technologies Area. NOTE: Please upload the strategic plan in a single file including the motivational letter.

**Conditions:**

- A full-time employment contract.
- Remuneration according to the individual's qualification/experience.
- Annual salary split in twelve monthly payments.
- Incorporation: Immediate.