

TECHNICIAN IN SYNTHETIC ORGANIC AND INTERFACIAL CHEMISTRY

Required:

- Bachelor's degree in Chemistry.
- Experience in synthetic organic chemistry (at least two years).
- Experience in nanochemistry (self-assembled materials or supramolecular).
- Hands-on experience in several analytical techniques commonly used in synthetic organic chemistry. (TLC, UV-Vis, IR, NMR).
- Hands-on experience in purification techniques as flash chromatography.

Highly valued:

- Experience in HPLC, GC and MS.
- Experience in the private sector.
- Experience in sol-gel process.

Languages: Advanced level of English required. Catalan will be highly valued.

Location: Bellaterra (Barcelona).

Main responsibilities:

The candidate will work in the R&D laboratory of Roka Furadada as a synthetic organic chemistry technician and/or interfacial chemistry technician. His/her main responsibility will be the experimental execution of synthetic protocols in the frame of different development projects. Thus, the candidate will prepare and set up reactions at both small and large scales, follow-up their progress, perform work-up routines and purify the obtained products (crystallization, precipitation, silica-gel column chromatography...). Additionally, the candidate will also be responsible for the characterization of reaction mixtures and pure compounds. (NMR, LC-MS, IR, UV-Vis...)

Other responsibilities:

- Laboratory tasks including consumables and reagents purchase, database update, waste management and samples shipment.
- Follow the safety rules and ensure a clean, tidy and safe environment.
- Help in the preparation of scientific reports.

Soft Skills:

- Communication skills, time management, flexibility, willingness to learn, proactivity and teamwork skills.

Benefits:

- Take part in a young, dynamic, and growing team.
- Participate in a research project with high translational potential.
- Develop professionally acquiring knowledge and experience in the field of organic synthesis.

Salary:

- Commensurate with experience and background.

If you are interested in this offer, please send us your CV and a cover letter to jsalabert@rokafuradada.com