

**RESEARCHER IN SYNTHETIC ORGANIC AND INTERFACIAL CHEMISTRY**

## Required:

- Master's degree in Organic Chemistry with, at least, two years of experience or Bachelor's degree in Chemistry with, at least, four years of experience in Organic Synthesis.
- 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.
- Experience in the private sector.

## Highly valued:

- Experience in Nanochemistry (self-assembled materials or supramolecular).
- Experience in Photochemistry (photochemical reactions and photochemical characterization).
- Experience in HPLC, GC and MS.
- Experience in SEM, DLS, TGA, DSC and BET
- Experience in sol-gel process.

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

Location: Bellaterra.

## Main responsibilities:

- Execution of synthetic protocols of organic molecules
- Execution of synthetic protocols of nanomaterials
- Scheduling and executing work plans fitting with the company's objectives.
- Physicochemical characterisation (NMR, IR, UV-Vis...).
- Preparation of scientific reports.
- Collaborating with other departments.

## 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.

## Soft Skills:

- Autonomous, 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:

- According to training and experience.

If you are interested in this offer, please send us your CV and a cover letter to [jsalabert@rokafuradada.com](mailto:jsalabert@rokafuradada.com)