

Postdoctoral Position in Asymmetric Catalysis in Continuous Flow at URV (Tarragona)

The InnCAT - Innovation in catalysis - *Sustainable development of smart chiral metal-catalysts for industrial processes* (SMARTCAT) group at University Rovira i Virgili (URV) led by Prof. Montserrat Diéguez, Prof. Oscar Pàmies and Prof. Miquel A. Pericàs is looking for strongly independent and motivated candidates to undertake research on the development of new catalytic and enantioselective flow processes for organic synthesis from basic research to technology transfer projects, in the framework of the Investigo 2023 Program.

The URV is located in the Mediterranean coast of the Southern Catalonia region, which concentrates several excellent research nodes devoted to Chemistry, Sustainable Catalysis and Renewable Energy. The URV is well ranked in QS, THE (78 best young University in the world) and ARWU. The University owns the 'HR Excellence in Research' logo awarded by the European Commission. This recognition shows the commitment to implement policies and best practices to reach the standards of the European Commission in Human resources.

Responsibilities

- Synthesis, characterization, and study of organic and organometallic compounds. Development of new catalytic and enantioselective flow processes for organic synthesis including device assembly.
- Writing reports of the obtained results in a format that is close to a scientific article for publication in international journals.
- Communication of obtained results in national and international meetings.
- May assist in the supervision of student projects and in the development of student research skills.

Requirements

- Chemists with strong track record in organic synthesis are invited to apply. The candidates must have excellent synthesis skills and be able to approach challenging synthesis problems. Experience of working in flow chemistry would be desirable.
- Candidates should have a PhD in Chemistry or related field and be under 30 years old.
- By the time of application, the candidate has to be registered in the "Servei públic d'ocupació de Catalunya" (SOC) - <https://serveiocupacio.gencat.cat/ca/inici>
- Leadership and responsibility in the development of academic research projects.
- Excellent communication skills are essential in order to work effectively as part of multidisciplinary team and to collaborate with other researchers. Proven good knowledge of English (written and oral) is required.

Valued qualities

- Demonstrated experience in writing and publishing research results in top scientific journals.
- Capable of decision making, creative thinking and problem solving.
- Strong commitment for scientific research in a competitive environment.
- Capable of working autonomously and as member or leader in a small research team.

- Reliable in meeting commitments and deadlines.

Conditions

- 24 months full time employment contract.
- Remuneration: 33.108,92 €/year
- Incorporation: 1st September.
- Application deadline: around 6th June 2023.

The position will be officially open soon (link: <https://www.urv.cat/ca/recerca/suport/programes/urv/investigacio-postdoc/>). The recruitment process will be done through a blind CV. For questions regarding this call please send an email to oscar.pamies@urv.cat with the subject "PostDoctoral Position Investigacio"

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