

Predocctoral Position in Asymmetric Catalysis at URV (Tarragona)

Grant offer: 2023PMF-PIPF-25

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 is looking for strongly independent and motivated candidates to undertake research on the development of new catalytic and enantioselective for the sustainable production of substances of industrial interest. The project includes collaborations with industries (AstraZeneca and Bayer).

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 processes of industrial relevance.
- 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.

Requirements

- Chemists with good track record in organic/organometallic synthesis are invited to apply. The candidates must be open to improve his/her synthesis skills and be able to approach challenging synthesis problems.
- Candidates should have a Master in Chemistry or related field at the moment of the incorporation to the group. Therefore, Master's students close to graduation can also apply.
- Excellent communication skills are essential in order to work effectively as part of multidisciplinary team and to collaborate with other researchers.

Valued qualities

- Capable of decision making, creative thinking and problem solving.
- Strong commitment for scientific research in a competitive environment.
- Reliable in meeting commitments and deadlines.

Conditions

- 4 years full time employment contract.
- Incorporation from 1st October.
- Application deadline: June 23rd, 2023.

Candidates should perform an only application (link: <https://www.urv.cat/en/research/support/programmes/urv/programa-marti-franques/pipf/marti-franques-research-fellowship-programme-for-the-contracting-of-trainee-predocctoral-research-staff-2022-pipf-standard-edition-1/>)

and send a CV and a motivation letter to oscar.pamies@urv.cat with the subject "PreDoctoral Position-InnCat".