



CALL FOR VACANCIES

WORKPLACE

SENIOR TRANSFER SUPPORT TECHNICIAN IN THE RESEARCH GROUP CatBorChem

PROJECT NAME

AMENDMENT NO2-SSA_2023_077948 AGREEMENT- METHODOLOGICAL STUDIES ON C-B BOND FORMATION FOR SP³ RICH TARGET COMPOUNDS, 2025 (T25169S)

RESEARCH LINE OR GROUP

Catalytic Organoboron Chemistry

JOB DESCRIPTION

This project addresses a central challenge for sustainability by exploring how chemical synthesis and catalytic processes can be redesigned to be more selective, resource-efficient, and compatible with low-carbon feedstocks and energy inputs, while remaining relevant to real-world chemical value chains. We integrate advanced organic synthesis, including stereoselective methodologies, with boron-enabled sustainable strategies and mechanistically guided catalysis for the production of energy and chemical feedstocks, all within a coherent, unified program.

The resulting innovation in the field will open uncharted strategies for precise formation of selective small rings, mainly three and four membered rings, with precise spatial configuration for selective synthetic purposes. We are aimed to expand the new selective synthesis of complex molecules and bioactive species to the technological sector by adapting the formation of our boron-containing carbenoids and subsequent reactivity to flow microreactor systems. The campaign focuses on the acceleration and scale-up of optimized reactions involving B-carbenoids, using modular reactors in collaboration with established industrial partners. With the new ideas and objectives of this project, we aim to achieve scientific impact at the forefront of sustainable catalysis and synthetic chemistry.

The tasks to be carried out will include:

1. Investigation of the reaction of α -borylated carbenoids with unsaturated substrates to promote the stereoselective formation of cyclic molecules.
2. Study of borylated fragment migrations in molecules bearing remote functional groups.
3. Functionalization of organoboron compounds to access high value-added products.

PROFILE OF THE CANDIDATE

REQUIREMENTS

- Doctor
- Expert in catalysis
- Minimum experience as a postdoc of 2 years



IT WILL BE VALUED

- Complementary training and expertise in copper-catalyzed systems.
- Strong interpersonal and communication skills.
- High level of motivation, creativity, initiative, and a proactive attitude.
- Capacity for continuous learning, as well as flexibility and adaptability.
- Commitment to quality, efficient use of resources, and achievement of results.
- Ability to work effectively both as part of a team and independently, with strong organizational skills, friendliness, dynamism, versatility, rigor, responsibility, and confidentiality.

WORKING CONDITIONS

- Type of working day: full- time (37.5 hours/week)
- Physical place of work (building, unit, space): Laboratory 216
- Contract: indefinite scientific-technical activities (art. 23 bis of the Science Law)
- Category: GROUP 1
- Initial duration: 4 months
- Salary: 33,840€ gross anual salary
- Approximate incorporation: September 2026

SELECTION PROCEDURE

The selection committee will participate in all phases of the selection process detailed below.

- Selection of CV's: Identify the suitable and unsuitable CV's according to the requirements. Applicants who do not meet the requirements indicated in the person profile and requirements point will not proceed to the next phase
 - CV rating: 70 POINTS
 - Experience: 50 points
 - Training: 20 points

65 points must be obtained to move on to the interview phase

- Personal interview 30 POINTS

In accordance with the provisions of Royal Legislative Decree 1/2013, which approves the Revised Text of the General Law on the Rights of Persons with Disabilities and their Social Inclusion, this call guarantees equal opportunities, non-discrimination and universal accessibility for people with disabilities in the selection process. In the event of a tie, priority will be given to hiring a person with a disability.

In accordance with the measures set out in the URV Foundation's Equality Plan, we incorporate the gender perspective into the selection process to guarantee equal opportunities, neutrality, transparency and avoid prejudice and discrimination on the basis of gender. In the event of a tie



between people of different genders, the person of the least represented gender will be hired in the work group/department/service in which they join.

SELECTION COMMITTEE

- Chairperson: . Dra. Elena Fernandez (Catedratica)
- Committee Member: Dra. Carla Casadevall (Ramon i Cajal)

SUBSTITUTES:

- Dr. Omar Boutureira (Tituar)
- Dra. Nuria Ruiz (Titular)

With the approval of:

- Francesc López (Director of Resources FURV)

CANDIDATURES

The application form and CV must be sent to the following address::

<https://www.fundacio.urv.cat/ca/fundacio/borsa-treball/2026/>

DEADLINE FOR RECEIPT OF CV 31/05/2026

COMMUNICATIONS

The FURV will publish on its website the list of admitted and excluded people, as well as the final report with the scores obtained by the applicants.