



International PostDoctoral Mobility Programme



Call Fiche

● **Call Title:** ICIQ International Postdoctoral Mobility Programme

● **Call identifier:** ICIQ-IPMP-2013-1

● **Date of publication:** 05 April 2013

● **Deadline:** 04 June 2013 at 23:59 (local time)

● **Research Area Openings:**

The call offers 8 post-doctoral positions in the following areas.

● 1: Computational Modeling of the Properties and Reactivity of Molecular Systems in Confined Spaces.

Mentor/Supervisor: Prof. Carles Bo

● 2: Increasing Molecular Complexity by Catalytic Conversion of Carbon Dioxide.

Mentor/Supervisor: Prof. Arjan Kleij

● 3: Chemical and Electrochemical Molecular Proton and CO₂ Reduction Catalysis.

Mentor/Supervisor: Prof. Antoni Llobet

● 4: Theoretical Simulations of Biomass Activation by Heterogeneous Catalysts.

Mentor/Supervisor: Prof. Núria López

● 5: Metal-Catalyzed Carbon Dioxide Fixation into Organic Matter.

Mentor/Supervisor: Dr. Rubén Martín

● 6: Exploring Radical Reactivity with Asymmetric Aminocatalysis.

Mentor/Supervisor: Prof. Paolo Melchiorre

● 7: Development of Methodology for the Stereoselective Synthesis of Aminosugars.

Mentor/Supervisor: Prof. Kilian Muñiz

● 8: Asymmetric Catalysis with Supported Systems for the Development of Continuous Flow Processes.

Mentor/Supervisor: Prof. Miquel À. Pericàs



● **Post-doctoral position conditions:**

- Two years post-doctoral positions.
- Employment contract with a gross salary of 28.000 € per year, including full social security coverage, which includes health and accident insurance, and pension and unemployment benefits.
- Travel allowance of 1.100 €/year.
- Start of fellowship between 15th of September 2013 to 31th of December 2013.
- Training program oriented to provide non-scientific skills for career development.

● **Eligibility criteria:**

The programme is open to researchers from any nationality that fulfills the following eligibility criteria:

I. Completeness of application:

- The complete application, including all required documentation, should arrive at ICIQ, in English, before the deadline for submission of applications.

II. Academic background

- Candidates must hold a PhD at the time of the deadline for submission of applications.
- Candidates who have performed the PhD thesis at the Institute of Chemical Research of Catalonia will not be eligible.
- The PhD cannot be awarded more than four years before the deadline for submission of applications. Exceptions will be made for:
 - Career break due to childbirth: Women can claim one additional year per children up to a maximum of three years.
 - Other documented career breaks: paternity leave, illness.



III. Mobility:

- Candidates must not have resided or carried out their main activity (work, studies, etc.) in Spain for more than 12 months in the 2 years immediately prior to the deadline for submission of applications.
- Further information related to the eligibility criteria could be found in the Guide for Applicants.

● Evaluation and selection procedure:

- The evaluation and selection process will be based on scientific achievements and excellence of the researchers, and will be divided in four stages:
 - Stage I: Eligibility
 - Stage II: Previous scientific achievements.
 - Stage III: Research project.
 - Stage IV: Candidates' selection and start of fellowship.
- The evaluation criteria (including weights and thresholds) for each stage are set out in the Guide for Applicants.
- The evaluation will be conducted by an international evaluation panel composed of renowned scientists bringing together diverse expertise, competences and disciplines to adequately assess the candidates and the research areas of the projects.
- Three of the members of the evaluation panel, all external to ICIQ, will constitute the Selection Committee, which will be responsible for all stages of the selection process.

