



Postdoctoral Fellowships

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CALL FOR APPLICATIONS 2025 – FELLOWS

Supervisor	Alejandro Perez Luna
Supervisor page	https://ipcm.fr/recherche/equipe-rocs/composition-de-lequipe/alejandro-perez-luna/
Host Institution	Sorbonne Université https://www.sorbonne-universite.fr/en
Research Lab	Paris Institute of Molecular Chemistry https://ipcm.fr/en/en-the-institute/
Research Team	Reactivity, organometallics and catalysis for synthesis https://ipcm.fr/index.php/en/en-research/en-presentation-rocs-group/

Project Title

Merging Radical and Organometallic Chemistry for the Synthesis of Organogermanes

Project Description

Germanium-containing molecules are increasingly important in several fields and the discovery of new methods to prepare original organogermanes is a current major issue in synthetic chemistry. In this area, we aim to exploit the radical chemistry of germanium derivatives in combination with the most recent advances in catalytic radical-based chemistry using sustainable transition metals. This merger will introduce fundamentally different approaches allowing to overcome existing shortcomings.

Keywords

radical chemistry, organogermanes, synthetic methodology

Description of the Host Research Lab

The IPCM (Institut Parisien de Chimie Moléculaire/Parisian Institute for Molecular Chemistry) is a joint research unit between Sorbonne Université and CNRS (Centre National de la Recherche Scientifique). The expertise in molecular chemistry in the broadest sense, the great diversity of the teams and the laboratory's high-performance technical platforms lead to research ranging from the structuring of matter on a molecular scale to materials, involving know-how in inorganic and organic chemistry, polymer science, nanoscience, and even the interfaces with biology. The scientific results of the IPCM, in relation to the major societal challenges, have an impact on fields ranging from health, the environment and new energies to information technologies.

To submit your application, please send an email with the required documents to
msca-pf@sorbonne-universite.fr