



MSCA

Marie Skłodowska-Curie Actions

*Developing talents,
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Postdoctoral Fellowships



CALL FOR APPLICATIONS 2025 – FELLOWS

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|-------------------------|---|
| Supervisor | Thibaud Coradin |
| Supervisor page | https://lcmcp.science/pages-personnelles/thibaud-coradin-en/ |
| Host Institution | Sorbonne Université https://www.sorbonne-universite.fr/en |
| Research Lab | Laboratoire de Chimie de la Matière Condensée de Paris https://lcmcp.science/ |
| Research Team | Materials and Biology https://lcmcp.science/matbio-en/ |

Project Title

Role of silicon on dental tissue formation and repair

Project Description

Humans uptake about 30 mg of silicon daily, through beverages and food. Silicon is also a major constituent of many biomaterials used in dentistry. However, very little is known about the interaction of this element with dental tissues and cells. This project aims at elucidating pathways by which silicon may influence teeth formation and/or regeneration, through interdisciplinary approaches that may span from biomaterials chemistry to dental sciences.

Keywords

silicon chemistry, biomineralization, dental sciences

Description of the Host Research Lab

The LCMCP is a well-known figure in the development of inorganic or organic-inorganic hybrid functional materials, and in the evaluation of their physico-chemical properties at different scales. These materials target applications with high societal impact, particularly in the fields of energy, health and the environment.

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