

Postdoctoral researcher position: Hybrid Hydrogels for sustained drug delivery

The position

In the framework of a DIM RESPORE project, the [Institut Galien Paris Saclay](#) (Team [Nanomedicine for treatment of severe diseases](#)) and the [ESPCI Paris- PSL \(Molecular, Macromolecular Chemistry and Materials\)](#) Laboratory are inviting applications for a postdoctoral researcher position.

We are looking for a motivated full-time post doc to work on the construction of a hybrid hydrogel intended to serve as a versatile composite material able to satisfy the needs of controlled and long-lasting drug release. This hybrid system will combine a porosity-controlled hydrogel matrix and medicated nanocarriers.

Project aims

- Synthesis and characterization of an opportunely functionalized polymer as hydrogel matrix
- Formulation and characterization of drug-loaded surface-decorated polymer nanoparticles
- Formulation and characterization of the hybrid hydrogel

Your Profile

The eligible candidate must be within 2 years of his/her PhD thesis defense (that is, **Phd obtained after March 2019**) or in position to obtain a PhD in the near future (**February 2021 at latest**)

The applicant must possess solid skills in the field of (bio)material synthesis and physico-chemical characterization (polymers, hydrogels) as demonstrated by his/her publication record, including at least one first authorship. Skills on formulation and characterization of drug delivery systems are an advantage.

The candidate must be proficient in oral and written English.

We are looking for candidates interested to work in a multidisciplinary research environment, who have excellent communication skills and are team-oriented, focused, self-motivated, trustworthy, critical and open-minded.

Application

We exclusively accept applications submitted through our online application portal. <https://bit.ly/3liPiq5>
Applications via email will not be considered.

The application must be in English and include a curriculum vitae with names and contact information of 3 referees, a complete list of publications and a statement of research interest. The application documents must be sent as a single PDF file. Incomplete applications will not be considered for evaluation.

Applications will be reviewed as they are received until the position is filled.

Employer: CNRS

Start date: (As soon as possible, ideally February 2021)

Duration : 12 months

Location: Institut Galien Paris-Saclay, UMR CNRS 8612, 5 rue JB Clément, 92290, Châtenay-Malabry, France
<http://www.umr-cnrs8612.universite-paris-saclay.fr/index.php>

Part of the research will be carried out at the C3M laboratory (ESPCI Paris- PSL) under the co-supervision of Pr [Laurent Corté](#) and Pr [Sophie Norvez](#).

For enquires about the position, please email [Dr Simona Mura simona.mura@universite-paris-saclay.fr](mailto:simona.mura@universite-paris-saclay.fr) with the subject "*DIMRESPORE_postdoc*"