

Post-doctoral Researcher in Biomaterials Science

The Chemistry Condensed Matter Laboratory at University Pierre and Marie Curie (LCMCP), located in Paris (France), seeks applications for a post-doctoral position with a start date in March-April 2015.

This two-year research program aims at generating and characterizing novel medicated skin wound dressings. The post-doc holder is expected to develop original composite biomaterials associating collagen I with synthetic polymers. These composites must possess optimal physical properties and allow for sustained and controlled drug release. The post-doc will be hosted by the "Materials and Biology" team of LCMCP (<http://www.labos.upmc.fr/lcmcp/?q=node/1768>) but will be involved in collaborations with physicists, biologists and clinicians in Paris.

The applicants must have a PhD in the field of biomaterials science or polymer-based materials chemistry. The ideal candidate would have an expertise in the development of biopolymer hydrogels, their biomechanical characterization as well as some practical skills in cell biology. In addition, the applicant should have a significant background in scanning and transmission electronic microscopy. Past experience in liquid chromatography, biochemistry and molecular biology would be also appreciated.

The post holder is expected to be self-motivated with a strong laboratory commitment to deliver milestones to the funding agency (ANR). Candidates should have excellent communication and organizational skills, be highly motivated for interdisciplinary projects and have strong documentation, oral and interpersonal skills.

Salary starts from 2065 euros per month (after taxes). Public sector pay policy rules pertaining to new entrants will apply).

To Apply: Applications to include a covering letter, CV, and the contact details of three referees should be submitted via email to thibaud.coradin@upmc.fr

Closing date for receipt of applications is February 28th