

Post-doc position molecular biologist N°2 - Biochemistry Laboratory

<https://www.espci.psl.eu/fr/espci-paris-psl/emploi/2015/post-doc-position-molecular-biologist-no2>

Laboratoire d'accueil :

The École Supérieure de Physique et de Chimie Industrielles de la Ville de Paris (ESPCI ParisTech) is both a Grande École d'ingénieurs and a research institute (17 laboratoires) with a strong international reputation (6 Nobel Prizes). ESPCI is a highly multidisciplinary environment with teaching and research in physics, chemistry and biology. The Laboratory of Biochemistry at ESPCI ParisTech, directed by Prof. Andrew GRIFFITHS, seeks to recruit a post-doc with experience in molecular biology. The successful candidates will join a highly multidisciplinary team, with experience spanning biology, chemistry and physics. The projects of the laboratory are based around droplet-based microfluidics, a powerful new ultrahigh-throughput system in which reaction volumes can be miniaturized by up to a million-fold compared to conventional assays in microtitre plates. This opens up exciting prospects for the development of extremely innovative systems with many applications in the Life Sciences.

Sujet du postdoc :

The post-doc will work on a project in collaboration with the French Alternative Energies and Atomic Energy Commission (CEA).

Compétences requises :

We are seeking a motivated post-doc to work on the development of a microfluidic-based approach for ultra-high-throughput single-cell analysis of T and B lymphocytes from human blood. The candidate should possess a PhD in molecular biology and ideally have experience in :

- ▀ Single-cell assays
- ▀ Immunoprofiling
- ▀ Immune cell culture

Flexibility, autonomy, the ability to work in a highly multidisciplinary team and good interpersonal skills are essential.

Contact

Prof. Andrew GRIFFITHS Laboratory of Biochemistry ESPCI ParisTech 10 Rue Vauquelin 75231 Paris Cedex 05 FRANCE Candidatures (lettre de motivation et CV) à transmettre par courrier électronique. Address your applications (CV + cover letter) to : job-lbc@espci.fr

Accès

Métro ligne 7 (Place Monge/Censier Daubenton) RER B (Luxembourg) Bus 21, 27 & 47 3 stations Vélib proches