

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

<https://www.dev.spip.espci.fr/fr/espci-paris-psl/emploi/archives/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](mailto:job-lbc@espci.fr)

## Accès

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