



**Post-doc position**  
**Molecular Biologist**  
Biochemistry Laboratory  
ESPCI ParisTech, Paris  
Pr Andrew Griffiths



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.

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

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.

Address your applications (CV + cover letter) to:

Prof. Andrew GRIFFITHS  
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