



Centre
de
Biochimie
Structurale

U1054 INSERM – UMR 5048 CNRS
Montpellier University

Marie-Curie Early Stage Researcher in Biophysics

Pierre-Emmanuel Milhiet

Structure and Dynamics of Membrane Assemblies

Single Molecule Biophysics Department

<http://www.cbs.cnrs.fr/index.php/en/home-equipeb3>

The “Structure and Dynamics of Membrane Assemblies” team of Pierre-Emmanuel Milhiet at the Centre of Structural Biology (CBS, France) is looking for a highly motivated early stage researcher (PhD student) for developing advanced correlative fluorescence - atomic force microscopy (AFM) methods to study biological samples. The project is strongly interdisciplinary, at the interface between physics and biology.

The contract will be within the framework of the SPM2.0 Marie Sk-Curie European Training Network (MSCA-ITN-2016-721874), whose objective is to train a new generation of early stage researchers in the most advanced Scanning Probe Microscopy techniques.

We Offer:

- Full time 3 years contract, very competitive salary and mobility allowance.
- Stimulating interdisciplinary research and high quality scientific environment
- Starting date: From 1st April to 1st September 2017.

Requirements:

- Training in physics (Degree and Master completed before the contract starting date).
- Experience in optics, photonics, electronics, and/or in AFM.
- High level of English and good communication skills.
- Computer literacy, analytical skills. Matlab, Python and NI-Labview experience will be positively considered.
- Ability to organize research within the project schedule and effective team working

Marie-Curie fellowship Mobility requirement:

At the time of recruitment by the CBS, candidates must not have resided or carried out their main activity (work or studies) in France for more than 12 months in the 3 years immediately prior to their recruitment.

Interested applicants should send their CV, cover letter and references to Pierre-Emmanuel Milhiet (pem@cbs.cnrs.fr) and Luca Costa (luca.costa@cbs.cnrs.fr) by March 15th, 2017.

**CBS (<http://www.cbs.cnrs.fr>) is an Institute dedicated to research at the forefront of structural biology and biophysics. It also proposes facilities in these fields. Montpellier is a stunning city on the French Riviera with a significant international community. The research of PE Milhiet's group is focused on the development and use of advanced microscopies (AFM and single molecule fluorescence microscopy) to decipher the molecular mechanisms associated to the organization and remodeling of biological membranes. The group includes 10 people with 4 permanent researchers.*