



Centre
de
Biochimie
Structurale

U1054 INSERM – UMR 5048 CNRS
Montpellier University

Marie-Curie Early Stage Researcher in Biophysics

Marcelo Nollmann

Mechanism of DNA Segregation and Remodeling Group
Single Molecule Biophysics Department

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The “Mechanism of DNA Segregation and Remodeling” group at the Centre of Structural Biology (CBS, France) is looking for an early stage researcher (PhD student) to study the molecular mechanisms involved in gliding mechanisms of the bacteria *Myxococcus xanthus* using a combination of state-of-the-art atomic force microscopy (AFM) and single-molecule localization microscopy. The project will be conducted in close collaboration with the group of Pierre-Emmanuel Milhiet, international expert in AFM.

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:

- The candidate should be trained in physics, biophysics or engineering (Degree and Master completed before the contract starting date)
- Knowledge of Atomic Force Microscopy or single molecule fluorescence microscopy
- High level of English and good communication skills
- Computer literacy, analytical skills
- 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 Marcelo.nollmann@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.*

Publications

Faure et al, Nature. 2016 Nov 24;539(7630):530-535