



**Single Molecule Biophysics Group**  
(Structure and Dynamics of Membrane Assemblies)

**Centre de Biochimie Structurale**  
UMR5048 CNRS, U1054 INSERM, Montpellier, France

## Postdoc Position in AFM Imaging of Membrane-Nanoparticle Interaction

A 24 month postdoctoral position is available in Montpellier to study the interaction between biological membranes and peptide-based nanoparticles used as drug or biosensor carriers. The project aims to characterize the shape and mechanical properties of the nanoparticles as well as their interaction with mica-supported artificial membranes. Dynamics of the interaction will be probed with high-speed AFM available in the Single Molecule Biophysics group. Applicants are expected to have a training and research experience in physical chemistry, artificial membrane fabrication and AFM. Some expertise in electron microscopy is also welcome.

The position is funded by the ANR (French Science Foundation) and the project will be conducted in tight collaboration with biologists.

Please contact Pierre-Emmanuel Milhiet ([pem@cbs.cnrs.fr](mailto:pem@cbs.cnrs.fr)) and visit our website for further details about the “single Molecule Biophysics” group: [http://www.cbs.cnrs.fr/rubrique.php3?id\\_rubrique=127](http://www.cbs.cnrs.fr/rubrique.php3?id_rubrique=127).

### References

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