



NOLLMANN LAB

Center for Structural Biochemistry

Centre National de la Recherche Scientifique

Institut National de la Santé et la Recherche Médicale

Université de Montpellier



Three postdoctoral and engineer positions

The Center for Structural Biochemistry (CBS) carries out research at the forefront of structural biology and biophysics as a means to reveal the fundamental physical mechanisms underlying biological activity and its regulation. The CBS is located at the heart of a world-class research campus in Biology in the vibrant city of Montpellier in the French Riviera. It hosts research groups with expertise in many advanced microscopies, including single-molecule super-resolution (PALM/STORM), 3D structured illumination microscopy, fluorescence correlation spectroscopies, magnetic and optical tweezers, high-speed atomic force microscopy and cryo-electron microscopy.

Our interdisciplinary group is interested in understanding the mechanisms of DNA organization and remodeling by developing and using state-of-the-art microscopies. We are looking for highly motivated candidates to fill **three positions** from two recently awarded ERC grants. The first position (**postdoc**) will have a PhD in biophysics, physics or quantitative biology and he will focus in studying chromosome organization. The second position (**technician/engineer**) will have expertise in computer programming, and will be in charge of developing software for image acquisition and analysis. The third position (**technician/engineer**) will have expertise in cell/molecular biology and will be in charge of developing advanced DNA labeling methods for use in microscopy. All applicants are expected to express a strong interest in working at the interface between physics, biology and informatics. The project will be conducted in close collaboration with the group of Giacomo Cavalli (Institute of Human Genetics, Montpellier).

Please visit our website for further details: <http://marcnol.weebly.com/>

Interested applicants should send their CV, cover letter and references to Marcelo.nollmann@cbs.cnrs.fr.

Recent Publications

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

Antoine Le Gall, *et al.*, **Nature Communications**, 7: 12107, July 2016

Laura Oudjedi, *et al.*, **Biomedical Optics Express**, 7(6): 2163-2173, Apr 2016

Martial Marbouty, *et al.*, **Molecular Cell** 59 (4): 588-602, Aug 2015.

Jean-Bernard Fiche, *et al.*, **PLoS Biol.** 11(5):e1001557, May 2013



European Research Council

Proof of Concept



European Research Council

Consolidator Grant



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