**Postdoc in Structure Function analysis of Mitochondrial Dynamics**

Applications will open for a Postdoctoral Research position in the laboratories of Dr. Mickaël Cohen and Dr. Philippe Meyer, located in the central Paris to undertake a basic research project to characterize the mechanisms involved in mitochondrial fusion.

Projects in our team focus on mitochondrial dynamics with a specific interest on the mechanistic dissection of homotypic fusion of mitochondrial outer membranes. Our strategy is to decompose this process at the level of the cell on the whole mitochondrial network, at the level of the organelle on isolated mitochondria and at the level of the molecules on the molecular machinery promoting mitochondrial fusion. We thus analyze fusion of mitochondrial outer membranes at the scale of single molecules and expand its investigation toward its impact on the whole mitochondrial network. We combine the power of budding yeast genetics and cell biology with state-of-the-art imaging techniques, biochemistry and structural analysis of proteins by X-ray crystallography.

We are currently looking for a talented researcher to join our team. The successful candidate will play a major role in the design and conduct of the research project and be trained in related techniques. He/she should have, or will shortly obtain, a PhD and experience in yeast genetics, biochemistry, recombinant protein production and/or structural analysis of membrane proteins. Specific training can also be offered. An outstanding academic track record is essential and at least one first author publication is expected. The successful candidate should be an enthusiastic scientist, a good team-worker and have demonstrated exceptional potential.

The Centre National de la Recherche Scientifique (National Center for Scientific Research, CNRS) is a public organization under the responsibility of the French Ministry of Higher Education and Research. CNRS laboratories (or research units) are located throughout France, and employ a large body of tenured researchers, engineers, and support staff. Our laboratory is part of a research unit partnered with Sorbonne University, a major French university, and is settled in the "Institut de Biologie Physico-Chimique", a historic multidisciplinary institute embedded in a dense research campus providing interactions with many experts in the field and at the interface of Physics and Membrane biology. We thus offer work in a dynamic team of researchers with backgrounds in different disciplines across biology, chemistry, physics, and computational science. We are located in the heart of Paris, in the Latin Quarter, a dynamic student district, with historical monuments and public transportation.

A contract will be established according to the French Labor Code and includes a full social security scheme (sickness, maternity benefits, pension contribution, etc..), competitive salary, starting ~ 2500 € after taxes (for a candidate with less than 2 years of post-doctoral experience). The CNRS is committed to implement fair and transparent recruitment and appraisal procedures for researchers and has received the HR Excellence in Research award (HRS4R). The program includes an EMBO Laboratory leadership course, lab retreats and other mentoring programs to support personal and career development.

More information/ eligibility check.

<http://labexdynamo.ibpc.fr/fp-dynamo-paris/>

<http://lbmce.ibpc.fr/membrane-dynamics-and-post-translational-modifications/> http://lbmce.ibpc.fr/molecular-chaperones-and-macromolecular-assemblies-biogenesis/

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