



Laboratoire de Biologie
Moléculaire et Cellulaire
des Eucaryotes
UMR8226 CNRS/UPMC



SORBONNE
UNIVERSITÉ



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Postdoc in Telomere Biology

Applications are open for a Postdoctoral Research position in the laboratory of Dr. Maria Teresa Teixeira, located in the center of Paris to undertake a basic research project to characterize the mechanisms involved in replicative senescence triggered by telomere shortening.

Projects in our team target the comprehensive dissection of the pathways causing replicative senescence induced by telomere length erosion and the understanding of their impact on proliferative potential. Our strategy is to decompose the sources of cell-to-cell variations inherent to telomere and senescence to uncover the molecular basis of telomere control over cell proliferation limit. We thus analyze telomeres at the scale of single molecules and replicative senescence at the level of single-cell lineages. We combine the power of budding yeast genetics and genomics with state-of-the-art cell imaging techniques, microfluidics, quantitative analysis and mathematical modelling.

We are currently looking for an enthusiastic and 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 will have experience in genetics, genome-wide approaches and/or bio-informatics. 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 which is 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 highly dense research campus providing interactions with many experts in the field and at the interface with Physics and Mathematics. We thus propose work in a dynamic team of researchers with backgrounds in different disciplines across biology, chemistry, physics, and computational science. We are located in the center of Paris, in the Latin Quarter, a dynamic student district, 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/to apply:

<https://emploi.cnrs.fr/Offres/CDD/FR550-MAGTOR-016/Default.aspx>

<https://euraxess.ec.europa.eu/jobs/836792>

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

<http://lhmce.ibpc.fr/telomere-biology/>



«La recherche fondamentale est la force vivante créatrice de la science»

Jean Perrin,
fondateur de l'IBPC et du CNRS