

Post-doc position to investigate the epigenetic regulation of genomic loci by specific chromatin repressor complexes

The team of Patrick Lomonte at Institut NeuroMyoGène, Lyon, France (Université Claude Bernard Lyon 1, CNRS, INSERM), is seeking to fill a postdoctoral research scientist position in the area of epigenetic regulation of genome loci. The goal of the research project is to understand the contribution of specific chromatin repressor complexes in the transcriptional silencing of genetic loci of different origins (cellular & viral) in neuronal cells.

Requirements

- PhD (or near PhD completion) in biological or biomedical sciences or post-doc scientist with no more than 2/3 years post-doc experience.
- Scientific publications in peer-reviewed journals and presentations at scientific conferences/meetings. Aptitude for high quality research is essential.
- Background: the candidate must have a strong background in epigenetics and chromatin regulation. Theoretical and practical knowledge of iPS/ES cells and/or neurons is a plus, but not compulsory.
- Skills: the candidate should have excellent communication skills, both for oral presentations as well as scientific writing skills. The candidate should be able to conduct classical cellular biology assays such as immunofluorescence, as well as molecular biology techniques such as ChIP and variant approaches (CUT&RUN, CUT&Tag...), ATACseq... Skills in bioinformatics for analyses of NGS data will be an asset.

Terms and conditions

The post-doc researcher will conduct and nurture the research program in close connection with the PI, until the submission of high-quality articles. The position is immediately available. Salaries are available for 3 years, renewed every year according to progress. The post-doc researcher is expected to be competitive and to be able to apply for additional funding.

Salary: 28-35 k€ gross/year (2.0-2.5 k€ net/month) depending on the previous experience. Social security, pension scheme, insurances are at the charge of the employer.

Environment

P. Lomonte team is part of Institut NeuroMyoGène-Pathophysiological and Genetics of Neuron and Muscle, dedicated to basic and translational research in the neuromuscular field that hosts 11 research teams encompassing 150 people and that is connected to numerous facilities (molecular biology, imaging, cell biology, physiology), guaranteeing a high quality and dynamic scientific environment.

As the third biggest town in France, Lyon hosts 60 laboratories (4,500 people) in the area of Life and Health Sciences. Lyon is ideally located between the Alps and the Mediterranean Sea. Lyon is renowned for its quality of life including outdoor leisure close to the city, and of course, its gastronomy and wines.

How to apply?

Please send to the PI: 1) a cover letter highlighting research interests, goals and previous scientific contributions; 2) a CV listing education, publications, meeting presentations and any other skills of interest; 3) at least 2 reference contacts.

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View of old Lyon from the Saone river



Main entrance of the Faculty of Medicine and of the Institute