

Post-doc position in Muscle Regeneration in Diabetics conditions

Vincent Gache's team from the NeuroMyoGene Institute of Claude Bernard Lyon 1 University, CNRS, Inserm, in Lyon, is seeking to fill a postdoctoral researcher position in the field of muscle regeneration in diabetics conditions. One of the main objectives of the Gache laboratory's research programs is to understand, in the skeletal muscle fiber model, the mechanisms controlling genome expression, cytoskeletal rearrangements and the establishment of nuclear domains and their involvement in specific pathological contexts.

The postdoc's research program will focus on studying the behavior of muscle stem cells (MuSCs), under diabetic conditions after muscle injuries, using *in vitro* and *in vivo* approaches.

Requirements

- PhD in biological sciences or post-doc scientists with no more than 2/3 years post-doc experience.
- Scientific publications in peer-reviewed journals and presentations at scientific conferences. Published evidence of aptitude for high quality research is essential.
- A strong background or experience in cell biology, animal experimentation and microscopy is mandatory. A background in skeletal muscle biology and in diabetics mice models (*db/db*) is a plus.

Terms and conditions

The post-doc researcher will conduct and nurture the research program in close connection with the PI and the Scientifics partners of this program (LBTI/Noraker/Novotec). Position is open directly. Salary is available for 3 years, renewed every year according to progress.

Salary: 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

The Gache team ([Gache team Website](#)) is an international team, connected to numerous onsite facilities (molecular biology, imaging, cell biology, physiology). It is part of the Institut NeuroMyoGene – Physiopathology and Genetics of the Neuron and Muscle ([INMG website](#)), an institute dedicated to basic and translational research in the neuromuscular field that hosts 11 research teams, guaranteeing a high quality and dynamic scientific environment. As the second biggest town in France, Lyon hosts 60 laboratories 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 closely the big 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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