

Two post-doc positions in skeletal muscle stem cell environment

The team of B. Chazaud at Institut NeuroMyoGène at the Université Claude Bernard Lyon 1, CNRS, INSERM, at Lyon, is seeking to fill 2 postdoctoral research scientist positions in the area of skeletal muscle regeneration and homeostasis. One of the main goals of the Chazaud laboratory research programs is to understand the role of the close environment on muscle stem cell fate in normal regenerating skeletal muscle as well as during muscle diseases.

Requirements

- PhD (or near PhD completion) in biological or biomedical 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 in the following fields:

Profile 1 – exploration of the role of extracellular matrix in skeletal muscle biology (PI: Dr. B Chazaud).

The candidate must have an experience working in the biology and biochemistry of extracellular matrix. A background in skeletal muscle biology is a plus, but not mandatory.

Profile 2 – exploration of the role of myofiber contraction on skeletal muscle environment (PI: Dr. R Mounier). The candidate must have an experience working in the biology and physiology of skeletal muscle, with a reference to in vitro/ex vivo muscle cell contraction.

Terms and conditions

The post-doc researchers will conduct and nurture the research programs in close connection with the PI, until the submission of high-quality articles. Positions are open from the beginning of 2018. Salaries are available for 3 years, renewed every year according to progress, however the post-doc researchers are expected to be competitive and to be able to obtain their own independent financing.

Environment

B Chazaud team is part of Institut NeuroMyoGène, a new Institute dedicated to basic and translational research in the neuromuscular field that hosts 14 research teams encompassing 200 people and that is connected to numerous facilities (molecular biology, imaging, cell biology, physiology), guaranteeing a high quality and dynamic scientific environment. As the second biggest town in France, Lyon hosts 60 laboratories (4500 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 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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View of old Lyon from the Saone river



Main entrance of the Faculty of Medicine and of the Institute