

Institut de Génomique Fonctionnelle de Lyon

UMR 5242 - CNRS / ENS de Lyon / Université Lyon 1



Post-doctoral Position in Extracellular Matrix and Developmental Biology Lyon, France

Description

A **2 years** post-doctoral position is available from **January 2012** in Lyon (France) in the group of Florence Ruggiero at the « **Institut de Génomique Fonctionnelle de Lyon** » (IGFL, ENS-Lyon). The group is interested in the regulation of extracellular matrix (ECM) network and cell-matrix interactions in tissue development, repair and diseases. One of the main topics of the group concerns the role of the ECM in muscle-tendon formation and repair. The successful candidate will work on a project dealing with the analysis of molecular interactions between transcription factors, growth factors, and collagens driving the morphogenesis of tendon and myotendinous junction using 3D culture and animal (zebrafish and mouse) models. This project will be conducted in close collaboration with Delphine Duprez (UPMC, Paris, France) and Manuel Koch (University of Cologne, Germany).

Location

The Institut de Génomique Fonctionnelle de Lyon (<http://www.igfl.fr>), is a research institute run by the ENS-Lyon (<http://www.ens-lyon.fr>), the CNRS and the University of Lyon 1 that conducts basic research in integrative biology, developmental biology, evolutionary sciences and bioinformatics/modeling at the genomic scale. IGFL groups benefit from easy-access to state-of-the-art cores services, including cell and small animal imaging, transgenesis animal facilities (mouse and zebrafish) (<http://www.ifr128.prd.fr>).

Qualification

Candidate should be within three years from obtaining their PhD degree. We seek should highly motivated candidates with ability to work in an independent fashion. A strong background in Cell and Developmental Biology is required and good knowledge in Matrix Biology would be a plus. Project will require experience in mouse and/or zebrafish models and in cell culture.

How to apply

To apply, please send a CV, a short letter describing your motivation and research experience as well as contact information for two references. For application or informal inquiries please contact florence.ruggiero@ens-lyon.fr