



Postdoctoral position in retinal regeneration at the CRG, Barcelona

Gene Regulation, Stem Cells and Cancer Programme
Reprogramming and Regeneration Laboratory

The Centre for Genomic Regulation (CRG, www.crg.eu) is a leading Institute in life science and biomedical research. Scientists at the CRG have access to state-of-the-art Core Facilities, including genomics and next generation sequencing instruments, bioinformatics, proteomics, advanced optical microscopy, FACS, robotics, and a modern animal house.

Reprogramming and Regeneration Laboratory

Pia Cosma's group is focused on the study of the mechanisms that control somatic cell reprogramming and tissue regeneration, with a focus on dissecting out the function of the Wnt signaling pathway (http://www.crg.eu/en/maria_pia_cosma <http://piacosmalab.com/>). The group uses state of the art approaches to identify mechanisms of retinal regeneration and its translation to medical application. In addition to use mouse models, the group is also focused on the use of human retinal explants and human organoids as model systems. Highly competitive funds for the retinal projects have been secured, such as FET-Open H2020, La Caixa Health, La Marató de TV3, Velux Foundation.

Post Description and Candidate requirements

We are looking for a highly motivated research scientist with consolidated expertise in the area of retina physiology and disease. The ideal candidate must hold a PhD in biomedicine or related disciplines, will have experience with mouse models of retinal dystrophies, including the ability to manipulate and analyze retinal sections and to perform *in-vivo* transplantations in mouse eyes. In addition, the ideal candidate should have experience in cell culture. Experience in electrophysiology is also considered an added value.

We are therefore seeking a highly motivated expert research scientist in the field of retinal science with an interest in translational medicine.

Conditions

The offer is to cover a Postdoctoral position of 2 years (with potential continuation) with a very competitive salary that will be well matched relative to the cost of living in Barcelona.

Starting Date

The fellowship will start as soon as the post is filled.

Application Procedure

All applications must be addressed to Pia Cosma; and include a CV with a cover motivation letter and contacts of 2-3 references. Please submit your application online at:

<https://recruitment.crg.eu/content/jobs/position/postdoctoral-position-retinal-regeneration-reprogramming-and-regeneration>

Deadline: 10th of May 2021 (note that applications will be continually monitored)