

Postdoctoral position in cellular and molecular biology

Position Summary

We are looking for a highly motivated and collaborative postdoctoral researcher. The position is part of the ERC Starting Grant project led by María Moros and entitled "SIROCCO: Remote control of cellular signalling triggered by magnetic switching". The project aims to control the activation of intracellular pathways related with cadherins by using magnetic nanoparticles. The candidate will develop genetically modified 2D and 3D in vitro models and will test the possibility to enhance wound repair. Further, he/she will help mentor current BSc, MSc, and PhD students of the group.

The position is funded for 2 years with the possibility of extension. The project is highly interdisciplinary and the applicant must be highly motivated, and have a collaborative spirit. Essential experience and skills include: design and execution of experiments, communicating scientific findings, and working within a team. This is a 100% research position with no teaching requirements associated.

The position is hosted in the Bionanosurf group, at the Aragon Materials Science Institute (Zaragoza, Spain), a joint Institute between The Spanish National Research Council and the University of Zaragoza. The lab is composed of a highly interdisciplinary and international team of motivated researchers. We focus on the synthesis and smart functionalization of nanoparticles for biomedical applications.

More information: www.morosmaria.com; www.bionanosurf.unizar.es

Your profile

Applicants must hold a PhD in Molecular Biology, Biochemistry, Regenerative Medicine, Biomedical Engineering, or related disciplines. The ideal candidate will have a strong background in lentivirus engineering/ production/ use, 2D and 3D mammalian cell culture, molecular cloning, imaging, and molecular biology techniques. Further desired skills include those related to cadherins, skin biology, mechanobiology.

How to apply

If you are interested please send a motivation letter and a CV to: mamoros@unizar.es
Candidates may send informal requests to the same email address.

Application deadline: 15/06/2020

Starting date: at the earliest convenience