FPI Predoctoral Contract at CNIC (Dr. Juan Miguel Redondo’s Team)

Gene regulation in Cardiovascular Remodeling and Inflammation Lab

Our team is disecting signaling pathways involved in vascular wall remodeling, a major feature of vascular diseases such as atherosclerosis, aneurysm and restenosis. We have set up animal models of these pathologies, and have generated mice deficient for AngII-target molecules. Some of these animals are totally resistant to these diseases and we are working to elucidate the molecular and cellular mechanisms underlying this protection. We are also studying the mechanisms that mediate familial forms of thoracic aortic aneurysm and dissection, including Marfan syndrome, and identified a number of mediators involved in the pathogenesis of these diseases.

We are seeking a highly motivated individual willing to initiate a scientific career and perform a doctorate in our group. Candidates must have completed the master in Biomedical Sciences (or similar) by september 2016 (the latest) and have above 2.5 (or above 8) in their academic record. We offer incorporation to our team via FPI contract linked to the Plan Nacional Grant “Molecular and cellular mechanisms regulating cardiovascular remodeling by Adams1 and Rcan1”, awarded to Dr. Juan Miguel Redondo.

Recent publications of the team within the last three years (see group webpage for further contributions):


If you are interested, send your CV and letter of interest to lgrau@cnic.es before july 25th 2016