



CIC bioGUNE Laboratories are offering the opportunity to undertake Master/PhD studies with some of their scientific groups. The proposed subjects are described below.

CIC bioGUNE PhD fellowships will be offered to candidates with a minimal average of 2/4 (expediente). Interested candidates should contact Alicia González (agonzalez@cicbioqun.es), sending a copy of their CV and indicating the laboratory of interest in their email.

Laboratories and possible fields of study:

Joaquín Castilla Castrillón (jcastilla@cicbioqune.es)

Proteomics unit (Prion lab)

Project 1: "Study of sheep susceptibility/resistance to prion infection using in vitro prion replication and transgenic mouse models"

Project 2: "In vitro studies of the prion transmission barrier by Protein Misfolding Cyclic Amplification (PMCA)"

María Luz Martínez Chantar (mlmartinez@cicbioqune.es)

Nuevas rutas de señalización celular implicadas en el desarrollo del carcinoma hepatocelular.

Rosa BARRIO (rbarrio@cicbioqune.es)

Functional Genomics Unit

Project: "Funciones de la familia de Spalt: represión transcripcional, regulación de la síntesis de hormonas esteroideas y papel durante el"

desarrollo”

Robert KYPTA (rkypta@cicbiogune.es)

Cell Biology and Stem Cells Unit

Project 1: “Roles of Wnts in neural differentiation of stem cells”

Project 2: “Roles and regulation of glycogen synthase kinase-3 and Axin”

Manuel RODRIGUEZ (mrodriguez@cicbiogune.es)

Proteomics Unit

Project: "Functional characterisation of ubiquitylated protein complexes through the use of Tandem Ubiquitin Binding Entities (TUBEs): Implications of the ubiquitin interactome for drug development”

Edurne BERRA (eberra@cicbiogune.es)

Dpto. Biología Celular y Células Madre

Proyecto: “Estudio funcional de las modificaciones post-transduccionales implicadas en la cascada de señalización activada por hipoxia”

James SUTHERLAND (jsutherland@cicbiogune.es)

Proteomics Unit

Project: “Functional analysis of LMO6/Prickle3 in knockout ES cells and mice”

Mikel Valle mvalle@cicbiogune.es

Electron Microscopy Lab

Project “Structural studies of ribosomal complexes”

Alfonso Martínez de la Cruz amartinez@cicbiogune.es

Unidad de Biología Estructural

Project: "Structural studies of CBS domain containing proteins and Ionic channels"

David Gubb dgubb@cicbiogune.es

Functional Genomics Unit

Project: "Translocation and degradation of protease complexes in the innate immune response"

José M Mato & Juan Falcón jfalcon@cicbioqune.es Metabolomics Unit

Project: "Characterization of hepatic exosomes"