



# JOB OFFER

Date: 26/06/2023

**PRINCIPAL INVESTIGATOR:** Petronila Penela

**SCIENTIFIC PROGRAM:** Redes metabólicas y señalizadoras de la enfermedad/ Metabolic and disease signaling networks

**JOB OFFER:** Investigador Predoctoral (convocatoria FPI de la UAM)/ Predoctoral Researcher (UAM FPI call)

**PROJECT TITLE:** Alteraciones del ciclo celular y patrones de división de las células tumorales de mama en condiciones de estrés/ Cell cycle alterations and division patterns of breast tumor cells under stress conditions

## PROJECT DESCRIPTION:

The group investigates the cell signaling mechanisms promoted by the interrelationship of kinases and ligases that promote cell transformation in breast cancer. The project addresses the role of GRK2 kinase and various regulatory ligases in mitogenic signaling and cell division under stress situations that favor tumor progression

**DURATION:** 4 años/ 4-ys

## REQUIREMENTS, EXPERIENCE AND ACADEMIC QUALIFICATIONS:

Grado en Medicina, Biología, Bioquímica, Biotecnología, Farmacia o relacionado. Máster finalizado en el área de Biomedicina. Candidatos altamente motivados con un buen expediente académico ( $\geq 8,5$ ) para la realización del doctorado/Degree in Medicine, Biology, Biochemistry, Biotechnology, Pharmacy or similar. Master completed in the area of Biomedicine. Highly motivated candidates with a good academic record ( $\geq 8.5$ ) for the completion of the doctorate.

**CONTACT:** ppenela@cbm.csic.es

**DEADLINE:** 20/09/2023

## OTHER INFORMATION:

Ofrecemos formación multidisciplinar en un ambiente dinámico y colaborativo, utilizando modelos celulares ex vivo y mamosferas, modelos animales de desarrollo tumoral, técnicas de imagen y microscopía confocal. Los candidatos interesados deberán enviar CV, expediente académico y carta de motivación a la Dra. Petronila Penela (ppenela@cbm.csic.es)/ We offer multidisciplinary training in a dynamic and collaborative environment, using ex vivo cell models and mammospheres, animal models of tumor development, imaging techniques and confocal microscopy. Interested candidates should send CV, academic record, and motivation letter to Dr. Petronila Penela (ppenela@cbm.csic.es)