



JOB OFFER

Date: 28/09/2023

PRINCIPAL INVESTIGATOR: Emilio Lecona

SCIENTIFIC PROGRAM: Genome Dynamics and Function

JOB OFFER: Lab technician

PROJECT TITLE:

Shaping specialized replisomes to shape cell identity

PROJECT DESCRIPTION:

DNA replication mediates the faithful copy of genetic information of the cell. In this project we want to analyze how the replication machinery is adapted to different chromatin environments and cellular identities, co-ordinating DNA replication dynamics with the transcriptional program in the cells. We are also interested in determining how DNA replication dynamics are modified during cellular transformation to enable the proliferation of cancer cells. In this project we will use different models of cells in culture, combining cell biology and biochemistry approaches to understand how the replication machinery changes DNA replication dynamics to influence cell identity. We are looking for a technician to work part-time to support the general work in the lab and the development of this project.

DURATION:

Two years

REQUIREMENTS, EXPERIENCE AND ACADEMIC QUALIFICATIONS:

Candidates should hold a technical degree in a related area or a degree in Biology, Biochemistry or related. Research experience in cell and molecular biology, and in mammalian cell culture will be positively valued. Good knowledge of English is also positively valued.

CONTACT:

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DEADLINE:

31/10/2023

OTHER INFORMATION:

Please send your applications together with an updated CV, motivation letter and academic record.

Lab web page <https://www.cbm.uam.es/elecona>