



JOB OFFER

Date: 10/01/2022

PRINCIPAL INVESTIGATOR: Aura Carreira

SCIENTIFIC PROGRAM: Genome Dynamics and Function

JOB OFFER: Postdoc

PROJECT TITLE:

Role of BRCA2 and its partners at stalled replication forks

PROJECT DESCRIPTION:

Our lab interrogates the mechanisms of the cell to preserve genome integrity with a particular focus on BRCA2 tumor suppressor protein. The last few years we have uncovered functional aspects of BRCA2 in homologous recombination repair (PNAS 2016, Nat. Commun. 2016, EMBOJ 2021), characterized BRCA2 variants conferring risk of breast cancer (Cancer Res. 2017), and found a role of BRCA2 in chromosome alignment (Nat. Commun. 2020). This project focuses on the genome maintenance functions of BRCA2 and its partners specifically at replication forks. We will also investigate breast cancer variants altering the replicative activities of BRCA2 and their impact on survival.

DURATION:

2-year funded position AEI (PID2020-115977RB-I00)

REQUIREMENTS, EXPERIENCE AND ACADEMIC QUALIFICATIONS:

We are seeking an enthusiastic, and highly motivated candidate with a Ph.D. in Biology, Biomedical Sciences or equivalent. Hands-on experience in cell biology, fluorescence microscopy and/or biochemistry are required. Knowledge on genome instability mechanisms is desired. We offer the opportunity for professional growth working in a dynamic and collegial international Program. To apply please send your CV, cover letter, and names of two refs to the contact below.

CONTACT:

acarreira@cbm.csic.es

DEADLINE:

31-January-2021

OTHER INFORMATION:

<https://bit.ly/Carreira-Lab>