

Date of publication of the job offer: 16 May 2019

Job title: Young researcher (pre-doctoral student): Understanding muscle regenerative decline with aging

Job description

We are looking for highly motivated and ambitious **Young researcher (pre-doctoral student)** to join our research team, working at the Department of Experimental and Health Sciences of the Pompeu Fabra University (UPF) at the PRBB, in Barcelona. We study the mechanisms underlying the loss of stem cell regenerative decline with aging, and in particular the failure in proteostasis and entry into senescence of aging stem cells, as well as potential mechanisms to reverse these aging-associated defects.

This position is financed by financed by La Caixa Banking Foundation through a competitive grant entitled "Understanding muscle regenerative decline with aging (**RegenerAge**)", reference number **HR17-00040**.

You will be employed on the **HR17-00040 - RegenerAge** project and be part of a dedicated team of molecular and cell biologists. Your main project will combine molecular biology, transcriptomics, epigenetics and mouse genetics and tissue injury-regeneration, as well as proteostasis and senescence approaches, to define the intricate regulatory circuitry of stem cell aging, and potential rejuvenating strategies

Highly motivated candidates with a strong interest in stem cells and aging are encouraged to apply. Degree and Master in biomedical or biological sciences are required for applicants. We will appreciate:

- experience in either of the following areas: mouse genetics, molecular biology, stem cells
- excellent communication skills in written and spoken English;
- strong analytical skills, and a problem-solving and result-oriented attitude;

Applicants should submit an application containing: motivation letter, CV and contact details for two referees to: Marina Raya Chamorro (marina.raya@upf.edu) and Pura Muñoz Cánoves (pura.munoz@upf.edu)

Application deadline: May 31th, 2019