

Predoctoral position in the project
“Pathophysiological mechanisms in degenerative neuromuscular diseases”

Pompeu Fabra University
Barcelona (SPAIN)

One predoctoral position is available at the Cell Biology Unit of the Pompeu Fabra University (UPF) located in the Barcelona Biomedical Research Park, Barcelona, Spain. Research in the group, led by Dr. P Muñoz-Cánoves is focused at identifying novel mechanisms involved in adult myogenesis and regeneration and in the pathogenesis of muscular dystrophies. In the recent years, the group has made relevant contributions to these converging muscle research fields.

Project description

This project aims to investigate several cellular and molecular aspects related to neuromuscular disease and it is based on the use of two animal models of human disease. The role of IL-6 in the most frequently used mouse model of degenerative muscle disease (mdx mouse) and the function of the helicase IGHMBP2 (whose mutation is responsible for human Spinal Muscular Atrophy with Respiratory Distress Type 1, SMARD1) in skeletal muscle will be investigated.

Qualifications

Highly motivated candidates with a strong academic background are encouraged to apply. The most likely successful candidate will be a motivated, well-organized and creative person. Moreover, previous research experience and/or FELASA accreditation will be an advantage. The employment is at the Department of Experimental and Health Sciences (CEXS) at the Pompeu Fabra University, within the Cell Biology Unit. The CEXS/UPF is located close to the Barcelona Harbour, in the new Barcelona Biomedical Research Park (PRBB), which hosts excellent research institutes. The PRBB has excellent research facilities in modern laboratories and offers good working conditions with exciting possibilities in a young, dynamic and international research environment.

For further information on the position please contact Dr. Antonio Serrano (antonio.serrano@upf.edu).

Application

Applicants should submit his/her application containing the curriculum vitae (in English). Furthermore, the applicants should arrange for two letters of recommendation to be sent to: Marina Raya (e-mail: marina.raya@upf.edu).

Application deadline: May 15, 2010

Applicants regardless of age, sex, race, religious or ethnical background are invited to apply.

More information about CEX/UPF/PRBB is found on

<http://www.upf.edu/cellbiology/>

<http://www.prbb.org>

<http://www.icrea.cat/Web/ScientificStaff/Pura-Munoz-Canoves-491>