



INSTITUTE
FOR RESEARCH
IN BIOMEDICINE

OPEN POSITION AT IRB BARCELONA

TECHNICAL OFFICER ADVANCED MICROSCOPY CORE FACILITY

(ref. LAB/08/01)

The Institute for Research in Biomedicine (IRB Barcelona) is an independent, non-profit research institution engaged in basic and applied biomedical science. It is located in the Barcelona Science Park (Parc Científic de Barcelona, PCB), a centre in which first-class public research converges with the private sector in a stimulating, vanguard scientific environment. IRB Barcelona was founded in October 2005 by the Government of Catalonia (Generalitat de Catalunya), the University of Barcelona (UB) and the Barcelona Science Park and is administrated through a private foundation. The institute currently has 400 members (scientific, technical and administrative staff) and plans to grow significantly in the coming years.

The Advanced Microscopy Core Facility is dedicated to providing access and support to scientists on advanced microscopy systems - including selection of optimal microscopy conditions, sample preparation and image processing analysis. The implementation of new microscopy tools is also part of the facility's goals.

The Research Specialist in Advanced Microscopy is seeking a Technical Officer:

DUTIES

- Training new users in the use of available equipment and providing support for current users
- Running data analysis packages including reconstruction of cell/organisms volumes (3-, 4- and 5D, deconvolution, etc.)
- Maintenance of the microscopes and associated equipment
- Lecturing in theoretical and practical courses organized by the facility

CANDIDATE PROFILE

- A PhD degree, in an area of life sciences is desirable.
- Extensive knowledge in basic and confocal fluorescent microscopy and sample preparation such as cell culture.
- Interest in complex technical equipment, highly motivated to become an expert in fluorescent and transmission light microscopy, live cell imaging, data analysis and computer related techniques.
- Basic computer skill and data analysis. Previous experience with software packages for image processing would be an advantage. Programming skills would be a plus.
- Experience in basic molecular biology is desirable.
- Flexible and dynamic person, with good organisational skills and highly motivated to work in a research environment.
- Good interpersonal and communication skills. Fluency in English required.

HOW TO APPLY

Please, send a brief letter describing your interest in the position, a complete CV and contact information of two references in English, no later than Friday, 30 May by email to: irbjobs@irbbarcelona.org

Please quote reference LAB/08/01