“Investigador FCT” Program

The Center for Neuroscience and Cell Biology (CNC), located at the University of Coimbra, Portugal, welcomes Coordinating Researchers, Principal Investigators, and Auxiliary Researchers to contribute to the Center’s research Programs.

The candidates are expected to apply to the international call launched by the Foundation for Science and Technology (FCT) for the recruitment of eighty “Researchers FCT” to be hired in 2012. The call opened on the 2nd of April, and will close on the 8th of May 2012, 17:00 Lisbon time.

The call is aimed at postdoctoral researchers at three levels (each applicant may only apply for one level):

a. “Starting grants” (corresponding to the first level of the category of Auxiliary Researcher), intended for PhD holders with less than 6 years after the award of the degree, with no need for previous scientific independence;

b. “Development grants” (corresponding to the first level of the category of Principal Investigator), intended for PhD holders with more than 6 years and less than 12 years after the award of the degree, being independent researchers for less than 6 years.

c. “Advanced grants” (corresponding to the first level of the category of Coordinating Researcher), intended for PhD holders who are independent researchers for more than 6 years.


IDEAL CANDIDATES TO THE CNC POSITIONS WILL POSSESS:

- A strong record of research experience in at least one the following subjects:
  - Optogenetics applied to neuroscience
  - Electrophysiology applied to neuroscience
  - Behavioral analysis of animal models of neurodegenerative or psychiatric disorders
  - Molecular and in vivo imaging of small animals
  - Molecular anatomo-pathology of human specimens
  - Metabolomics
  - Molecular biotechnology – RNA
- Stem cells: cancer stem cells (CSCs), induced pluripotent stem cells (iPSCs), or hematopoietic stem cells (HSCs)
- A record of high-quality publications in peer-reviewed journals and a successful track-record in research.
- Demonstrated ability to work collaboratively with peers across multiple areas of expertise.
- Capability to supervise undergraduate/postgraduate students or postdoctoral staff.

CNC provides a large number of core scientific services that include animal housing, behavioral and surgical facilities, cell and slice electrophysiology, confocal microscopy, P.A.L.M laser micro dissection, single-cell calcium imaging; flow cytometry; NMR spectroscopy. The strong interaction with BIOCANT – Biotechnology Innovation Center (http://www.biocant.pt) provides access to state of the art advanced services for protein production and purification, DNA sequencing, DNA genotyping, and mass spectrometry. The physical proximity with IML and the unique national legislation affords access to human tissue samples.

For more information about the Centre please visit http://www.cnbc.pt.

The Board of Directors of the CNC invites the potential applicants to send their proposals to CNC by April 27th (email to llopes@cnc.uc.pt). The proposal ought to include the curriculum vitae, a summary of the tentative research aims and a career development plan, which will be subject to analysis and approval by the Board of Directors prior to submission to FCT.