



Postdoctoral position in neurobiology

Claudia Almeida Lab, Lisbon, Portugal

CEDOC
CHRONIC DISEASES | NOVA MEDICAL SCHOOL

NOVA MEDICAL SCHOOL
FACULDADE DE CIÊNCIAS MÉDICAS

Posdoctoral research position – Claudia Almeida Lab

A full-time position, initially for 6 months, renewable up to the end of the project is available for a highly motivated post-doc to join a multinational project to set-up a precise model of the human blood brain barrier in the research lab headed by Claudia Almeida. Selection will begin now until 15th of November to start in January 2018 but will continue until the right post-doc is found.

To apply, send your CV, a motivation letter and the name of 3 referees, to claudia.almeida@nms.unl.pt

Project summary

Dr. Claudia Almeida laboratory focuses on the dysfunction of intracellular trafficking in neuronal aging and neurodegenerative diseases. Dr. Almeida is seeking a highly talented and motivated postdoc, preferably with a PhD in neurosciences with expertise in cell biology, to work on the neurobiology part of NAB3, a collaborative project funded by JPND/H2020, aimed at combining different cellular types and organotypic brain slices or neuronal cultures to achieve a more precise *in vitro* model of the human blood-brain barrier in the Alzheimer's disease state. The NAB3 project brings together expertise from across the continent and in a range of different fields, including genetic engineering, physiology, neurobiology, neuroanatomy and biochemistry. It is a coordinated effort with partners based in four European countries – France, Germany, Italy, and the Netherlands.

Institute

The candidate will be hosted at CEDOC, a new research center of NOVA Medical School with an international reputation on cutting edge research in Biomedical research, with focus in mechanisms of aging-chronic diseases and is committed to training the next generation of research scientists. The Laboratory of neuronal trafficking in Aging, started in 2013, has been funded by Investigator FCT (Portugal), Marie Curie Actions (European Commission), and awarded by NOVA/SANTANDER for collaborative Research (Portugal), Maratona da Saúde for neurodegenerative diseases (Portugal), and JPND/H2020 (JPND and European Commission). Post-docs benefit from living and working in the center of Lisbon the most lively and safe European city nowadays.

Key responsibilities

These include but are not limited to:

Perform the NAB3 specific research tasks investigating research questions and developing specific research project(s) under guidance from Group Leader

- Interacting effectively with the other NAB3 collaborators, CEDOC and NOVA Medical school.
- Reporting and presenting work at NAB3 meetings and externally at international meetings.
- Providing specialist advice and guidance, sharing knowledge and expertise for the benefit of others.
- Providing significant contribution to the production of research papers for publication, presenting findings to group members and other internal audiences.
- Authoring papers under guidance from Group Leader.
- Developing academic independence.
- Improving established protocols and/or develops new protocols.
- May be required to guide others.

Requirements

The selection of the postdoc will be based on:

- PhD in Neurosciences or in the final stages of PhD submission .
- Ability to define and solve research questions.
- Pro-active in innovation and problem solving.
- Track record of writing papers as evidenced by publications or submitted manuscripts in referred journals.
- Proven experience of data presentation at scientific meetings.
- Ability to work with minimal supervision using own initiative to organise and prioritise own work.
- Ability to work well in a team and experience with consortiums would be an added value.
- Ability to contribute to other projects on a collaborative basis both in the lab and with external collaborators.
- Potential to guide PhD students in their research.
- Technical expertise in fields such as neurobiology (primary neurons cultures, synapse biology) or cell biology (endocytosis, microscopy) are essential.
- Strong publication record is essential.
- Certification for handling animals is desirable.
- Excellent knowledge of English.