TWO RESEARCH GROUP LEADERS
IN MOLECULAR AND TRANSLATIONAL NEUROSCIENCE

The Danish Research Institute of Translational Neuroscience – DANDRITE is the Danish node of the Nordic-EMBL Partnership for Molecular Medicine.

The Nordic-EMBL Partnership was established in 2007 and renewed in 2013 as a joint venture between the European Molecular Biology Laboratory (EMBL) and the Universities of Helsinki/Finland, Oslo/Norway, Umeå/Sweden and Aarhus/Denmark. The partnership provides joint access to research infrastructure, including databases, facilities and instrumentation, as well as to clinical materials and networks and training activities. The four laboratories of the partnership (FIMM/Helsinki, NCMM/Oslo, MIMS/Umeå and DANDRITE/Aarhus) adhere to the EMBL model for international recruitment and contracts for young group leaders and to the EMBL procedures of scientific reviews.

The aim of DANDRITE is to stimulate Danish and European neuroscience, not least by promoting the career opportunities for young outstanding research talents. DANDRITE is established with support from the Lundbeck Foundation at Aarhus University.

DANDRITE aims for new research into the molecular mechanisms underlying intra- and intercellular signaling networks that govern neuronal functionality and circuitries, and how these mechanisms are altered in neurological and psychiatric disorders.

DANDRITE is embedded in the vibrant research environment of the NeuroCampus at Aarhus University. NeuroCampus encompasses strong research communities at Aarhus University and Aarhus University Hospital in genetics, molecular and clinical medicine, bioimaging, biochemistry, structural biology and nanoscience, and with long-standing traditions in membrane proteins and neuroscience. DANDRITE is also connected to biotech start-ups and pharmaceutical companies.

The three core groups are active in the fields of structural biology and interdisciplinary research of membrane transporters (Prof. Poul Nissen), molecular cell biology of intracellular signaling networks with focus on Parkinson disease and dementia (Prof. Poul Henning Jensen) and sorting/trafficking and signalling in nerve cells as mediated by sortilin receptors and studied in transgenic animal models (Prof. Anders Nykjær). The core research groups represent already 15 nationalities in a thriving research community with many PhD students and postdocs. DANDRITE has access to state-of-the-art laboratory facilities and research infrastructures, such as for protein production and development and characterization of a wide range of transgenic animal models, a full range of imaging tools including PET imaging, two-photon, confocal laser scanning and high content microscopy and a TITAN-Krios electron microscope, solution and solid-state NMR and close access to large-scale facilities for X-ray and upcoming neutron radiation in Aarhus, Hamburg, and Lund.
DANDRITE will open a total of five group leader positions over the next two years and move to new laboratory facilities in 2016 as a physically defined unit.

In this first call DANDRITE seeks two group leaders that complement the expertise and research programs of the core groups. The two group leaders could represent (but are not limited to) research programs based on optogenetics, in vivo microscopical imaging of brain tissue and electrophysiological recordings, chemical biology, and time- and spatially resolved probing of molecular function and protein-protein interaction networks in cells and tissues.

To qualify for the Group leader position, the candidate should have a PhD degree or equivalent and appropriate postdoctoral training. Applicants should present an excellent track record of relevance to neuroscience, and a research proposal with compelling questions and new ideas that can be pursued at DANDRITE. Particular weight will be given to scientific proficiency. We will consider candidates at a level that corresponds to ERC starting grants.

The DANDRITE group leaders are appointed for five years with a possibility to extend for a total appointment of maximum nine years. For the successful candidate a competitive grant of 2 million EURO will be offered for the first 5 years and further funding can be expected from many national and international sources of research grants. Specific support programs will be available to stimulate collaborations with other neuroscience communities in Denmark and for capital investments on equipment.

Applications should include the following:

- Cover letter summarizing the applicant's career, past research accomplishments and future plans (max 1 page)
- CV and a list of publications (with 5 most significant publications indicated in bold)
- Short research plan (max 5 pages) including also a summary of expected translational impact or potential
- Names of three references

For further information please contact

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Documents should be submitted electronically at http://www.au.dk/stillinger/nat/vip/
with a deadline on June15th 2013 at midnight

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