

Postdoctoral position in electron microscopy studies of neuronal membranes and membrane protein complexes 932627

A 3-year postdoc position in cryo-electron tomography and single-particle cryo-electron microscopy with 3D reconstruction of neuronal membranes is available from 1 December 2017, or as soon as possible after, in the laboratory of Prof. Poul Nissen. The project is part of the Proteins in Memory center of excellence (PROMEMO), funded by the Danish National Research Foundation.

The project will be focused on studies of large complexes and network structures of synapses associated with formation and regulation of memory. The candidate must present a strong track record and a profound knowledge and drive of structural biology. Prior experience with electron microscopy studies of biological samples will be considered an advantage. The position will have a main focus on neuronal sample preparation and presentation for tomographic studies of large membrane protein complexes in native membranes or native membrane nanodiscs. Furthermore, on data acquisition and analysis for 3D structure determination.

The place of work is Gustav Wieds Vej 10, 8000 Aarhus C, and the area of employment is Aarhus University with related departments.

For further information contact Professor Poul Nissen pn@mbg.au.dk

Application procedure

Short-listing is used. This means that after the deadline for applications – and with the assistance from the assessment committee chairman, and the appointment committee if necessary, – the head of department selects the candidates to be evaluated. All applicants will be notified whether or not their applications have been sent to an expert assessment committee for evaluation. The selected applicants will be informed about the composition of the committee, and each applicant is given the opportunity to comment on the part of the assessment that concerns him/her self. Once the recruitment process is completed a final letter of rejection is sent to the deselected applicants, including the main considerations emphasized during the selection process.

Formalities

The application must be in English and include a curriculum vitae, degree certificate, a complete list of publications, a statement of future research plans and information about research activities, teaching portfolio and verified information on previous teaching experience (if any). Guidelines for applicants can be found [here](#).

Deadline

All applications must be made online and received by: 01.11.2017

[Please apply online here](#)