

2 year postdoctoral position on “Circuit assembly in mouse visual system”

Research Area and Project Description

A funded two-year postdoctoral position is available from April 2016 or later in a research group where structure, function and development of neural circuits in visual system are studied. We combine molecular biological, genetic, viral, electrophysiological, imaging, and behavioral approaches to understand how neural circuits are assembled and function in retinas as well as higher visual centers by focusing on the role of cell types.

The purpose of the postdoc is to study the role of genes in development of synaptic connectivity between identified cell types in mouse retina using cell biology, molecular biology, transgenic and two-photon imaging approaches.

Qualifications and Specific Competences

For this postdoc position we are looking for a highly motivated scientist who has a strong background in cell biology, molecular biology, developmental biology or mouse genetics. Applicants must have PhD degree (in molecular neurobiology or equivalent) or have submitted their PhD thesis for assessment before the application deadline.

The successful candidate is expected to have strong skills in English.

The supervisor is Nordic EMBL Group Leader/Associate Professor Dr. Keisuke Yonehara.

Place of Employment and Place of Work

The place of employment is Aarhus University, Department of Biomedicine and the place of work is Keisuke Yonehara Research Group, DANDRITE (Danish Research Institute of Translational Neuroscience), Ole Worms Allé 3, 8000 Aarhus C, Denmark. DANDRITE is the Danish node of the Nordic EMBL Partnership for Molecular Medicine and is hosted at Aarhus University, Denmark.

DANDRITE is an EMBL partner research center pursuing fundamental and translational Neuroscience research. Core funding is supplied by the Lundbeck Foundation and Aarhus University, and is supplemented by grants from national and international agencies. Yonehara Group is funded by ERC Starting Grant until March 2020. Aarhus city is situated in Denmark and is a city offering an outstanding scientific and cultural environment.

Formalities and salary range

The appointment is for two years with the possibility of further extension. A competitive salary and access to state-of-the-art research facilities will be provided.

Starting date: April 1st 2016, but negotiable.

Application deadline: December 31, 2015

Applicants are referred to the full text advert [via University webpage](#).

Contacts

Applicants seeking further information are invited to contact: Group Leader/Associate Professor Dr. Keisuke Yonehara, Phone: +45 9350 8084. E-mail: kyon@dandrite.au.dk