

## **2 year postdoctoral position on “Neural circuit function and assembly in visual centers of mice”**

### **Research Area and Project Description**

A funded two-year postdoctoral position is available from April 2015 or later in a research group where structure, function and development of neural circuits in visual system are studied. We combine electrophysiological, imaging, molecular biological, genetic, viral, 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 circuit function and assembly in visual centers of mice using *in vivo* two-photon functional imaging, genetic, and trans-synaptic viral approaches.

### **Qualifications and Specific Competences**

For this postdoc position we are looking for a highly motivated scientist who has a strong background in functional imaging or electrophysiology. Applicants must have PhD degree (in 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. Appointment is for two years with the possibility of further extension.

### **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. Aarhus city is situated in Denmark and is a city offering an outstanding scientific and cultural environment. Denmark is regularly voted the world`s happiest country.

Applicants are referred to the full-length job description on:

<http://dandrite.au.dk/job-study-opportunities/>

and application procedures for Aarhus University:

<http://www.au.dk/en/about/vacant-positions/scientific-positions/stillinger/Vacancy/show/689314/5283/>