

Postdoc Fellowships and PhD Scholarships in Neuroscience

8000 Aarhus C, Denmark

The Danish Research Institute of Translational Neuroscience (DANDRITE) invites applications from highly motivated individuals with a strong interest in the field of Neuroscience to join either laboratory of Sadegh Nabavi (see lab at <http://nabavilab.com>) or laboratory of Duda Kvitsiani (see lab at <http://dandrite.au.dk/kvitsiani>).

DANDRITE is the Danish node of the Nordic EMBL Partnership for Molecular Medicine – a research center pursuing fundamental and translational Neuroscience research. DANDRITE is hosted at Aarhus University situated in Aarhus city, Denmark. The city of Aarhus, regularly voted as [the world's happiest city](#), is offering an outstanding scientific and cultural environment.

Sadegh Nabavi's lab is interested in understanding how plasticity at the synaptic and circuit levels relates to behavioral plasticity (learning and memory formation) and how the newly formed memories are integrated into the existing network (cellular and systems consolidation) using rodents as model organism.

Duda Kvitsiani's group aims to understand how cortical circuit dynamics in complex decision-making tasks emerge from ensemble activity of diverse cell-types and how this dynamics subserves behavior. To tackle these challenges we use in vitro and in vivo electrophysiology, two-photon laser scanning microscopy, molecular biology, optogenetics, and quantitative behavioral assays.

Qualification:

The qualified **PhD candidates** may have a bachelor degree in biology and biomedical sciences. However, those applicants with backgrounds in physics, computer science, and engineering that would like to employ their expertise in the exciting field of neuroscience are encouraged to apply.

Postdoctoral candidates must have a command in electrophysiology and behavioral studies with a strong publication track record.

The individuals should be driven, enthusiastic, independent thinkers and ability to work independently and efficiently in a team environment. This position requires candidate with excellent communication skills in English, both verbal and written, and a strong desire to publish high-quality research papers.

Potential candidates should send a single PDF file containing the following: a front page specifying the position you are applying for, a cover letter describing your research experience and interests, updated CV, and contact information of at least two references. Send application to: snabavi@dandrite.au.dk or kvitsi@dandrite.au.dk.

For more information about research activity at DANDRITE visit us at <http://dandrite.au.dk/>. Applications will be accepted until the position is filled...