

DANDRITE newsletter – Nov. 22nd, 2013

EVENTS



TODAY - MBG Seminar: EMBO Senior Editor Karin Dumstrei

"The EMBO Journal – a behind the scenes look at scientific publishing"

Time: Friday Nov. 22nd at 11:15

Place: Aud D1, bldg. 1531, Dept. of Mathematics, Aarhus University



NeuroCampus Aarhus/DNC and CFIN/MINDLab seminar:

Academy Professor Risto Ilmoniemi

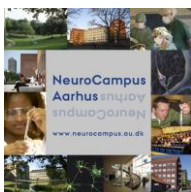
Department of Biomedical Engineering and Computational Science – BECS, Aalto University School of Science, Helsinki, Finland

"New Developments in MEG/EEG and Brain Stimulation Technologies"

Prof. Ilmoniemi will share with us his perspective on the future of the neurophysiological methods he has been instrumental in developing, and continues to develop.

Time: Wednesday Nov. 27th at 14:30-16

Place: In the DNC auditorium, Building 10G



NeuroCampus Seminars & News

You are all encouraged to sign up for the NeuroCampus mailinglist, and remember to regularly visit the NeuroCampus website.

Sign up for the mailing with Henriette Blæsild Vuust (henry@cfin.au.dk)



NeuroCampus Social

NeuroCampus AU invites you to participate in "NeuroCampus Social" on **Dec. 6th, 2013, at Dale's Café from 3 pm**. This event is a Friday bar primarily for neuro-related scientists, but all interested are welcome.

There will be cheap beer and a couple of scientific presentations in an informal atmosphere.



[Mini-course at FIMM: A 10h mini-course in Genome-wide association studies \(GWAS\)](#)

From **Nov. 26th to Dec. 10th, 2013**, FIMM offers a 10h mini-course in Genome-wide association studies (GWAS). The course covers 1) The rationale and methodology behind GWAS, 2) Current state of the field, and 3) An up-to-date overview of current human genetics research at the Institute for Molecular Medicine Finland (FIMM).



[Symposium at FIMM: The 2nd Helsinki Chemical Biology Symposium - Chemical Systems Biology](#)

Institute for Molecular Medicine Finland (FIMM) are welcoming all interested researchers to the second Helsinki Chemical Biology Symposium on **Dec. 10th, 2013**. This symposium will be focused on the topic of using chemical biology in systems approaches as this is an emerging field of research. Abstract submission deadline **Nov. 28th**, registration deadline **Dec. 3rd**.

[For PhD students/postdocs: grant and grant proposals lectures](#)

Come to GSST's short lecture series on Grants and Grant Proposals to find answers to many different questions relating to grants on **Nov. 26th, 2013, at 13-16**.

NEWS



[DANDRITE appoints the first two research group leaders – Anne von Philipsborn and Mark Denham](#)

DANDRITE has appointed Anne von Philipsborn and Mark Denham as Group Leaders. These appointments are the first two in a series of five group leaders to be employed at DANDRITE. Mark and Anne will start their research in December and January, respectively.



[The description of the sodium-potassium pump among the 10 best research results in 2013](#)

In September, Poul Nissen's research group published the description of the sodium-potassium pump in Science. Videnskab.dk has now nominated these results to be among the 10 best research results in 2013.

Jens Chr. Skou was awarded the Nobel Prize for his discovery of the sodium-potassium pump. Now, a team of researchers from Aarhus has completed the description of its structure. A result which is of vital importance for our understanding of the body's functions and essential for our understanding of illness and for the development of new medicines.

You can vote for your favorite **until Nov. 29th, 2013.**



[AU IDEAS grant to NEURODIN](#)

The AUFF has under the Call AU IDEAS granted 4 million DKK to the proposal "The Neuroimmunological process in Parkinson's Disease: Centre for Neurogenerative Inflammation Prevention" (NEURODIN). The application had Marina Romero-Ramos as main applicant, but the research project will be the joint effort of Dr. David Brooks, Dr. Vanesa Sanchez-Guajardo, and Dr Thomas Vorup-Jensen. Marina Romero-

Ramos will be the Leader of the Center that also has external collaboration with: Dr. Jochen Klucken (Germany), and Dr. Omar El-Agnaf (Emirates).



[Lundbeck Foundation Fellowship to Pontus Gourdon](#)

Pontus Gourdon, former post doc in Poul Nissen's group, Department of Molecular Biology and Genetics, has just been awarded a Lundbeck Foundation Fellowship, and he will study what happens when the transport of substances in and out of the cells does not work. Dreaded dementia diseases can occur if there is an imbalance in a number of substances in human cells.

JOB OPPORTUNITIES



Two Group Leaders in Molecular and Translational Neuroscience

Two positions as group leaders are available at DANDRITE – The Danish Research Institute of Translational Neuroscience at Aarhus University, Nordic EMBL Partnership for Molecular Medicine. DANDRITE is the Danish node of the Nordic EMBL Partnership for Molecular Medicine and embedded in the vibrant NeuroCampus at Aarhus University and Aarhus University Hospital.

About DANDRITE
DANDRITE was established early 2013 and will realize its aim of recruiting 5 young group leaders in 2014. The group leaders will perform research within the scope of DANDRITE on topics: mechanisms underlying intra- and inter-cellular signaling networks that govern neuronal functionality and on diseases, and how these mechanisms define behaviour and are altered in neurological and psychiatric disorders.
The first two group leaders have been recruited focusing on embryonic and reprogrammed stem cells in Parkinson disease (Dr. Mads Kjølbjerg) and the brain circuitry and behavior in Drosophila (Dr. Hans van Tilburg-Schouten). DANDRITE also contains 3 core groups focusing on structural biology and electrophysiology of membrane transporters and receptors (Prof. Paul Hegerl), signaling/trafficking from synaptic communication and signaling in nerve cells as mediated by surface receptors and studied in transgenic animal models (Prof. Anders Nykjaer) and molecular cell biology of intracellular signaling networks with focus on Parkinson disease and dementia (Prof. Paul Hegerl).

Group leader positions and start packages

DANDRITE seeks two group leaders in neuroscience that complement the expertise and research programs of the current five groups. The DANDRITE group leaders are appointed for five years with a possible extension for a maximum of one year. Successful candidates will receive a competitive start package of 2 million EUR for the first five years and further funding can be expected from national and international funding bodies.

Applicants are referred to the full text advert on <http://dandrite.au.dk/> and application procedures for Aarhus University.

[New job opportunity at DANDRITE – Two Group Leaders in Molecular and Translational Neuroscience](#)

Application deadline **Jan. 5th, 2014**. In this call DANDRITE seeks two group leaders in neuroscience that complement the expertise and research programs of the current five groups. Research programs can for example be based on optogenetics or other methods for defined control of neuronal networks, in vivo microscopy, spectroscopy and electrophysiology of living brains, chemical biology, time- and spatially resolved probing of molecular function and protein-protein interaction networks in cells and tissues, high-resolution electron microscopy, X-ray or neutron imaging.



["Young Investigators Nordic EMBL Partnership" LinkedIn group](#)

PhD students and post docs from the Nordic nodes (NCMM, FIMM, MIMS, and DANDRITE) are called "Young Investigators", and has a group at LinkedIn called "Young Investigator Nordic EMBL Partnership". PhD students and post docs from DANDRITE are encouraged to sign up for this LinkedIn group, since useful information such as job opportunities are posted here.

[AWARDS](#)



[Junior Brain Prize award to postdoc Mads Kjølbjerg at the Brain Prize Meeting 2013](#)

Postdoc Mads Kjølbjerg, affiliated with both DANDRITE and the MIND centre, was awarded the Junior Brain Prize for his presentation of the poster "The ectodomain of SorCS1 increases peripheral insulin sensitivity, and lowers plasma glucose levels in mice" at the Brain Prize Meeting 2013, which took place at Hindsgavl Castle, Denmark, Oct. 21st-22nd, 2013.



[Best poster award to postdoc Joseph Lyons at the NMMN meeting 2013](#)

Postdoc Joseph Lyons, affiliated with both DANDRITE and the PUMPkin centre, was awarded one of the three prizes for "Best Poster" for his poster entitled "From Lipid Phases to Membrane Protein Structure" at the Nordic Molecular Medicine Network Meeting, which took place in Oslo, Norway, Sept. 17th-19th, 2013.

Current funding possibilities

THE LUNDBECK FOUNDATION [Lundbeck Foundation Fellowships](#)

The Lundbeck Foundation hereby invites applications for five fellowships within biomedicine which will be granted to particularly promising young researchers. Deadline Dec. 16th, 2013.

Ph.d. Cup  [Ph.d. Cup 2014](#)

PhD students with excellent outreach potential and whom finish their PhD in 2013 should consider taking part in Ph.d. Cup 2014. It is a really good branding platform.

Other funding:

- **Helga og Peter Kornings Fond** – 1. december
Se www.ResearchFunding.net for detaljer
- **Inge og Jørgen Larsens Mindelegat** – 1. december
Se www.ResearchFunding.net for detaljer
- **Lundbeckfonden sundhedsvidenskabelige projekter** – 3. december
(Ph.d.-stipendier, Post doc. projekter i Danmark, Post doc. projekter i udlandet, Lundbeckfond Fellowships, Driftsbevillinger).
Bemærk: Fonden har ikke længere en separat ansøgningsrunde for naturvidenskabelige projekter. Naturvidenskabelige projekter med et klart sundhedsvidenskabeligt sigte og forskningsindhold vil fremover blive vurderet af fondens sundhedsvidenskabelige komite.
<http://www.lundbeckfonden.com>
- **Aarhus Universitets Forskningsfond (AUFF)** – 5. december (gæsteforsker)
<http://www.au.dk/en/facultiesdepartmentsetc/otherunits/tilknyt/auff/guestresearch/>

- **ToyotaFonden** – 15. december (apparatur)
Se www.ResearchFunding.net for detaljer
- **Styrelsen for Forskning og Innovation; Erhvervs-Ph.d.** – 8. januar
<http://fivu.dk/forskning-og-innovation/tilskud-til-forskning-og-innovation/find-danske-tilskudsprogrammer/hjtuuddannede-i-virksomheder/erhvervsphd>