

Annual NMMN meeting programme

Day 1 – Tuesday, 8th September 2015

Venue: AIAS Auditorium, Aarhus University, Høegh-Guldbergs gade 6B (building 1632), 8000 Aarhus

- 10:00 Morning programme for the Young Investigators
- 12:00 Steering group meeting (in the conference room, building 1632, room 203)
- 14:00 Arrival at meeting venue, registration & lunch (registration hall area)
- 14:45 Welcome by DANDRITE director **Poul Nissen** (AIAS auditorium)

Session 1

Session chair: Mark Denham, DANDRITE Group Leader

- 15:00 **Sadegh Nabavi**, PhD, New DANDRITE Group Leader
Forming and storing memories: Brain's dilemma
- 15:30 **Andrea Puhar**, PhD, New MIMS Group Leader
Endogenous danger signals in infection and inflammation of the gut
- 16:00 **Simon Anders**, PhD, New FIMM Group Leader
A new biostatistics/bioinformatics group at FIMM
- 16:30 Break – coffee and snacks (registration hall area & poster tent)

Session 2

Session chair: Poul Nissen, DANDRITE Core Group Leader

- 17:00 **EMBL Group Leader Lecture**
Jan Ellenberg, EMBL Group Leader
Systems biology of human cell division using light microscopy
- 17:30 **Olli Kallioniemi**
FIMM 2008-2015
- 17:45 **Jaakko Kaprio**
FIMM 2015-onwards
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- 18:00 Poster session - odd numbers present (poster tent)
- 18:00 Side meeting for EMBL & FIMM (AIAS conference room, building 1632, room 203)
- 19:00 Dinner (canteen at Dept. Mathematics)
- 21:00 Poster session continued - even numbers present (poster tent)

Annual NMMN meeting programme

Day 2 – Wednesday, 9th September 2015

Venue: AIAS Auditorium, Aarhus University, Høegh-Guldbergs gade 6B (building 1632), 8000 Aarhus

8:00 Coffee (registration hall area)

8:30 Welcome & info about the day by **Anders Nykjær** (AIAS auditorium)

Session 3

Session chair: Anne von Philipsborn, DANDRITE Group Leader

8:35 **Keisuke Yonehara**, PhD, New DANDRITE Group Leader
Motion-sensitive circuits in the retina

9:05 **Richard Lundmark**, PhD, MIMS Group leader
Membrane sculpting proteins in control of cell surface dynamics

9:25 **Ana Calejo**, NCMM post doc, Kjetil Tasken's group
Targeting the adrenergic regulation of the SERCA2 complex in the heart with small molecules displacing AKAP18 δ -PLB

9:45 Updates from EMBL by **Iain Mattaj**

10:05 Break – coffee and snacks (registration hall area & poster tent)

Session 4

Session chair: Hanne Poulsen, DANDRITE Team Leader

10:35 **Duda Kvitsiani**, PhD, New DANDRITE Group Leader
Foraging decisions in flies and rodents: from single molecules to circuit dynamics

11:05 **Saranya Subramani**, NCMM PhD student, Preben Morth's group
MgtA is strongly activated by anionic lipids and submicromolar concentration of magnesium

11:25 **Simer Bains**, NCMM PhD student, Kjetil Tasken's group
Impact of Aspirin as Secondary Prevention in 25,644 Patients with Colorectal Cancer – An Unselected Population-Based Study

11:45 **Tea Pemovska**, FIMM PhD student, Krister Wennerberg's group
Axitinib Targets Gatekeeper-mutant BCR-ABL1(T315I)-driven Leukemia in a Distinct and Selective Fashion

12:05 Break – coffee and snacks (registration hall area & poster tent)

12:15 Bus transport to Moesgaard Museum

12:45 Welcome to Moesgaard Museum by **Poul Nissen**, intro to speed dating by **Mark Denham** & Group picture (museum auditorium)

13:00 Lunch (museum meeting rooms on top floor & museum roof)

13:45 Scientific speed dating (dating in meeting rooms)

13:45 Administrator meeting (museum auditorium)

Day 2 continued – Wednesday, 9th September 2015

Session 5 (museum auditorium)

Session chair: Duda Kvitsiani, DANDRITE Group Leader

- 15:00 **EMBL Group Leader Lecture**
Carsten Sachse, EMBL Group Leader
Structural basis and mechanism of the selective autophagy receptor p62/SQSTM1
- 15:30 **Siv Gilfillan**, PhD, NCMM head engineer, Tony Hurtado's group
FOXAI is a central mediator of tumor progression in HER2/3-driven breast cancer independent of Estrogen Receptor function
- 15:50 **Katja Närhi**, FIMM post doc, Emmy Verschuren's group
Organotypic modelling of Kras-driven murine pulmonary cancer for preclinical target validation
- 16:10 **Nelson O. Gekara**, PhD, MIMS Group Leader
Preparing for war to prevent war: DNA damage - the intrinsic danger that keeps the innate immune system awake?

16:30 Break - coffee and snacks (museum meeting rooms on top floor & museum roof)

Session 6

Session chair: Keisuke Yonehara, DANDRITE Group Leader

- 16:50 **Priit Palta**, FIMM post doc, Aarno Palotie's group
The SISU project – Using the Finnish founder population and nationwide health records for studying rare and low-frequency variant in complex diseases
- 17:10 **Riitta Sallinen**, FIMM senior researcher, DHR Project
Digital Health Revolution (DHR) Initiative: Next Generation Health Check-up and Systems Monitoring for Personalized Wellness
- 17:30 **Anna Aakula**, FIMM PhD student, Olli Kallioniemi's group
Systematic functional screening in identification of microRNA targets in prostate and breast cancer

17:50 Break - coffee and snacks (museum meeting rooms on top floor & museum roof)

- 18:15 Introduction to Keynote Lecture by **Anders Nykjær**
Keynote lecture
Gary Lewin, Professor at Dept. Neuroscience, Max Delbrück Center for Molecular Medicine, Berlin
Extremity as the mother of metabolic invention: the neurobiology of the naked mole-rat

19:00 Walk through the forest to the restaurant (see map in name tag)

19:30 Welcome drink at the forest restaurant “Skovmøllen“

20:00 Dinner in the forest restaurant “Skovmøllen”

23:00 Bus to hotels

Day 3 – Thursday, 10th September 2015

Venue: AIAS Auditorium, Aarhus University, Høegh-Guldbergs gade 6B (building 1632), 8000 Aarhus

8:00 Coffee (registration hall area)

8:30 Welcome by **Poul Henning Jensen** (AIAS auditorium)

Session 7

Session chair: Poul Henning Jensen, DANDRITE Core Group Leader

8:35 **Josef Järhult**, MD PhD, MIMS Clinical Research Fellow/Uppsala University
Influenza A virus resistance development in the environment

8:55 **Tianyan Song**, MD PhD, MIMS Post doc, Sun Nyunt Wai's group
Role of sRNA in bacterial pathogenesis

9:15 **Nabil Karah**, MD PhD, MIMS Post doc, Bernt Eric Uhlin's group
Novel aminoglycoside transposons and transposon-derived circular forms detected in Acinetobacter baumannii clinical isolates from Sweden

9:35 **Mette Richner**, PhD, DANDRITE post doc, Anders Nykjær/Christian Vægter's group
Sortilin in neuropathic pain

9:55 Break - coffee and snacks (registration hall area & poster tent)

Session 8

Session chair: Arne Möller, DANDRITE Team Leader

10:25 **Verena Zuber**, previous NCMM post doc, Ian Mills' group
Functional annotation of genetic loci implicated in both cancer and cardiovascular disease risk

10:45 **Marie Rogne**, NCMM post doc, Judith Starrk's group
Mitosis defects in B cell Chronic Lymphocytic Lymphoma

11:05 **Hanne Poulsen**, DANDRITE Team leader
Ion transport by the Na,K-ATPase

11:25 Updates from the nodes
11:25-11:40 Updates from DANDRITE by **Poul Nissen**
11:40-11:55 Updates from MIMS by **Bernt Eric Uhlin**
11:55-12:10 Updates from NCMM by **Kjetil Taskén**

12:15 Closing remarks & take home messages by **Poul Nissen**

12:25 Lunch & poster pick up (registration hall area & poster tent)

13:30 The meeting ends