

1. Nordic *Caenorhabditis elegans* Network conference supported by Nordforsk

Date: 1. February 2008 (Friday) until 3. of February 2008 (Sunday)

1. session, chair: Thomas Bürglin

- 14.30 Maria Nilsson: Nordforsk Network Introduction
- 15.00 Jussi Paananen: Nordic *Caenorhabditis elegans* Network website
- 15.15 Evgeni Efimenko: X-box promoter motif helps to uncover ciliary genes in *C. elegans*
- 15.25 Prasad Pirke: An exhaustive search for cilia genes in *C. elegans*
- 15.45 Jan Burghoorn: Prediction and transcriptional regulation of DAF-19 dependent genes

- 16.05 coffee/tea break

2. session, chair: Peter Swoboda

- 16.45 Kaja Reisner: Diet alters fatty acid composition in *C. elegans*
- 17.05 Lisa Salcini: EH-proteins: endocytic proteins regulating *C. elegans* synaptic transmission
- 17.25 Yong-Guang Tong: The role of otd homeobox genes in *C. elegans* development
- 17.45 Krai Meemon: Regulation of excretory cell genes by homeobox genes
- 18.00 Balasubramanian Natarajan: Nutrient sensation mechanisms

- 18.45 dinner

2. day

08.00 - 09.00 breakfast

3. session, chair: Simon Tuck

- 09.15 Marc Pilon: Axon guidance in the *C. elegans* pharynx
- 09.30 Claes Axäng: Axon guidance in the *C. elegans* pharynx - a study of the NSM neurons
- 09.50 Jürgen Hench: Dynamics of gene expression during *C. elegans* embryogenesis
- 10.10 Johan Henriksson: A new framework for microscopy and image analysis
- 10.30 Konstantin Cesnulevicius: Regulation of the homeobox gene *ceh-5*

- 10.45-11.05 coffee break

4. session, chair: Line Elnif Thomsen

- 11.05 Andrey Alexeyenko: Reconstructing protein interaction networks in the worm and other animals
- 11.25 Ivana Bratic: The role of mitochondrial polymerase gamma in *C. elegans*
- 11.45 Olli Matilainen: In vivo model for proteasome activity studies
- 12.05 Juan-Carlos Fierro: The thioredoxin TRX-1 regulates larval diapause via the insulin/insulin-like growth factor-1 signaling pathway in *Caenorhabditis elegans*

- 12.25-14.00 lunch

5. session, chair: Marc Pilon

- 14.00 Ana Calvo: Characterization of phenylalanine hydroxylase from *Caenorhabditis elegans*: evolutionary switch from an anabolic to a catabolic role?
- 14.20 Miia Rytinki: Small Ubiquitin-like Modifier (SUMO) in *C. elegans*
- 14.40 Suvi Asikainen: Endogenous si-RNAi pathways in *C. elegans*
- 15.00 Hilde Nilsen: A role for base excision repair in the *C. elegans* DNA damage response?
- 15.20 Marlene Dengg: Responses to uracil and 5-fluorouracil in DNA in the *C. elegans* germline

15.40-16.10 coffee/tea break

6. session, chair: Hilde Nilsen

- 16.10 Johanna Pispa: *C. elegans* dss-1 is functionally conserved and required for oogenesis and larval growth
 - 16.30 Erkki Truve: RNA silencing suppressors
 - 16.50 Kiyotaka Ohkura: Functional analysis of the hedgehog-related gene wrt-6
 - 17.10 Line Elnif Thomsen: Microbial virulence modeled in *Caenorhabditis elegans*
 - 17.30 Gabi Senti: Distinct isoforms of the transcription factor DAF-19 regulate cilia formation and synaptic activity
- 17.50 Concluding remarks: Garry Wong, network chair
- 18.00 Nordforsk Network committee meeting
- 19.00 dinner