

Nordic Centre of Excellence
Programme on Food, Nutrition and Health
Final Symposium
14-15th March 2013, Admiral Hotel, Copenhagen.

The main objective of the Nordic Centre of Excellence Programme is to create Nordic strength by promoting scientific excellence and enhancing Nordic research collaboration and mobility of researchers. The programme on Food, Nutrition and Health has been a joint effort to enhance the scientific quality and international visibility of Nordic research within Food, Nutrition and Health and to strengthen the knowledge base for public dietary recommendations. Understanding the links between diet and health is important for the development of effective interventions to help reduce diet-related diseases such as heart disease, type 2 diabetes and cancer. Significant added value may be expected from close collaboration of strong complementary research groups and this can further contribute to an innovative product development within the Nordic food industries.

The programme has been co-financed by NordForsk and the National Research Councils, through the years 2007-2012. Three Nordic Centres of Excellence have been funded in this period:

NCoE SYSDIET: *Systems biology in controlled dietary interventions and cohort studies. SYSDIET aims to find new mechanisms to modify Nordic foods and diets to promote health and prevent metabolic syndrome and related diseases. Coordinated by the University of Eastern Finland, Finland.*

NCoE MITOHEALTH: *Centre for Bioactive Food Components and Prevention of Lifestyle Diseases. MITOHEALTH investigates how food from marine raw material can attenuate diseases related to a modern life style. Coordinated by the University of Bergen, Norway.*

NCoE HELGA: *Nordic Health – Wholegrain Food. HELGA examines the effects of a diet with a strong element of whole grain products on modern lifestyle diseases such as cancer and type 2 diabetes. Coordinated by the Danish Cancer Society, Denmark.*

For registration and payment go to: <http://webpay.sdu.dk/system/ncoe13/>

Deadline for registration and payment is January 13, 2013



Thursday, March 14

Scientific achievements during the NCoE Program on Food, Nutrition and Health.

9.00 -10.00 **Session I: SYSDIET intervention study.**

***Kaisa Poutanen**, University of Kuopio, Finland

9.00 **Matti Uusitupa**, University of Eastern Finland
SYSDIET study design, main results and future plans

9.20 **Inga Thorsdottir**, University of Iceland and Landspítali
Adherence to diet in the SYSDIET intervention

9.40 **Ulf Risérus**, Uppsala University
Use of biomarkers for dietary compliance

10.00-10.30 Coffee break

10.30-12.00 **Session I, cont: Tissue and metabolome level effects of SYSDIET intervention**

10.30 **Ingrid Dahlman**, Karolinska Institute, Stockholm
Adipose tissue transcriptomics

10.50 **Stine Ulven**, Oslo and Akershus University College of applied sciences
PBMC transcriptomics

11.15 **Lars Dragsted**, University of Copenhagen
Non-targeted metabolomics

11.35 **Matej Oresic**, VTT Technical Research Centre of Finland
Lipidomics

12.00 - 13.30 Lunch and poster session

13.30-15.10 **Session 2: Metabolic effects of Marine food**

***Susanne Mandrup**, University of Southern Denmark

13.30 **Stefan Alexsson**, Karolinska Institute, Stockholm
Marine oils, what are the mechanistic basis for differential effects

13.50 **Rolf Berge**, University of Bergen
Metabolic effects of bioactive peptides from marine resources

14.10 **Kalervo Hiltunen**, University of Oulu
Role of Omega-3 fatty acids in lipid metabolic disturbances

14.30 **Ottar Nygård**, University of Bergen
Seafood and risk factors for cardiovascular disease

14.50 **Adelina Rogowska-Wrzesinska**, University of Southern Denmark
Proteomics reveals the role of protein phosphorylation and acetylation in the regulation of dietary lipids metabolism

15.10-15.35 Coffee break

15.35-17.00 Session 3: Biomarkers of intake and effect of whole grain foods and relation to disease

***Anja Olsen**, Danish Cancer Society Research Center

- 15.35 **Kati Hanhineva**, University of Eastern Finland
LC-MS metabolomics approach on the impact of whole grain rye diet
- 15.55 **Ali Moazzami**, Swedish Agricultural University
Metabolomics, a tool to understand the interaction between grains and human body
- 16.20 **Rikard Landberg**, Swedish Agricultural University
Application of biomarkers of whole grain intake and their relation to chronic disease
- 16.40 **Cecilie Kyrø**, Danish Cancer Society Research Center
Plasma levels of alkylresorcinols and incidence of colorectal cancer in the EPIC study
- 19.00 Dinner

Friday March 15

9.00 -10.20 Session 4: Dissemination and public awareness

Do we need a Nordic diet? What are the health benefits?

***Lars Dragsted**, University of Copenhagen

- 9.00 **Anne Marie Rieffestahl/Kirsten Hastrup**, University of Copenhagen
Nordic diet from an anthropological perspective
- 9.20 **Inge Tetens**, Technical University of Denmark
Nordic diet and the OPUS project
- 9.40 **Ulf Risérus**, Uppsala University
NORDIET study: what have we learned?
- 9.55 **Anja Olsen**, Danish Cancer Society Research Center
A Nordic food index – associations to mortality and colorectal cancer
- 10.10 Discussion and questions

10.20- 10.45 Coffee break

10.45 -12.15 Session 5: Nordic diet, Nordic industry and value creation

***Jon Skorve**, University of Bergen

- 10.45 **Kjartan Sandnes**, Marine Bioproducts AS, Storebo, Norway
Development of marine peptides as bioactive ingredients in functional food
- 11.05 **Marika Lyly**, VAASAN Oy, ESPOO, Finland
From research to products. Developing delicious, healthy breads
- 11.25 **Christian Malmberg**, Lantmännen, Stockholm, Sweden
Development of breakfast cereals for improved satiety

- 11.45 **Morten Sollerud, Norilia AS, OSLO, Norway**
Development and health effects of bioactive compounds from chicken by-products.
- 12.05 Discussion and questions.
- 12.15 -13.30 Lunch and poster session
- 13.30-15.15 Session 6: Communicating the message from nutrition research**
***Marjukka Kolehmainen, University of Kuopio, Finland**
- 13.30 **Vibeke Hjortlund, Editor-in-chief, videnskab.dk**
Communicating nutrition research through media. Is it possible to avoid confusion and promote comprehension?
- 13.55 **Essi Sarkkinen, Oy Foodfiles Ltd, Kuopio, Finland**
EU regulation on nutrition and health claims made on foods, obstacle or opportunity ?
- 14,20 **Anne Tjønneland, Danish Cancer Society Research Center**
A case study: Experiences from communicating the HELGA project
- 14.35 **Stine Ulven, Oslo and Akershus University College of applied sciences / Jussi Pihlajamäki, University of Eastern Finland**
Nordic Graduate School in Nutrition 2013-2017
- 15.05 Discussion and questions
- 15.15 **Gunnel Gustafson, director Nordforsk**
Experiences from the NCoE programme on Food, Nutrition and Health - A Nordforsk perspective



Practical information

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For any inquiries please contact Michael Børgesen, University of Southern Denmark (MitoHealth)

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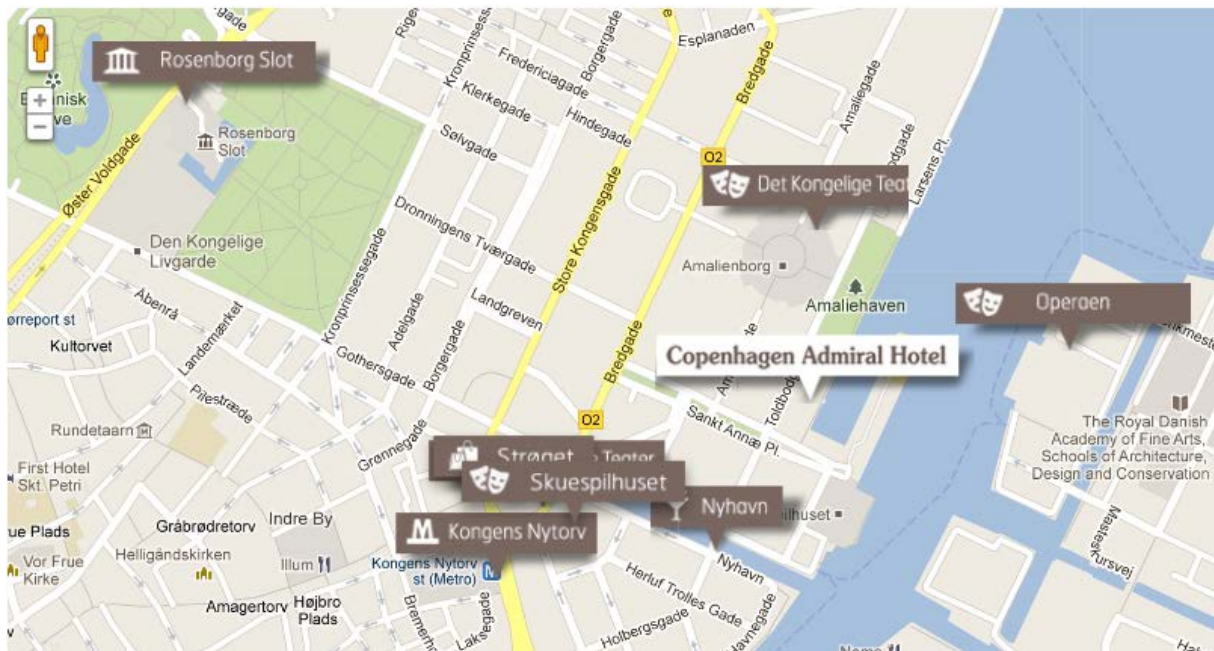
Venue:

Admiral Hotel

Toldbodgade 24-28

1253, Copenhagen

<http://www.admiralhotel.dk/>

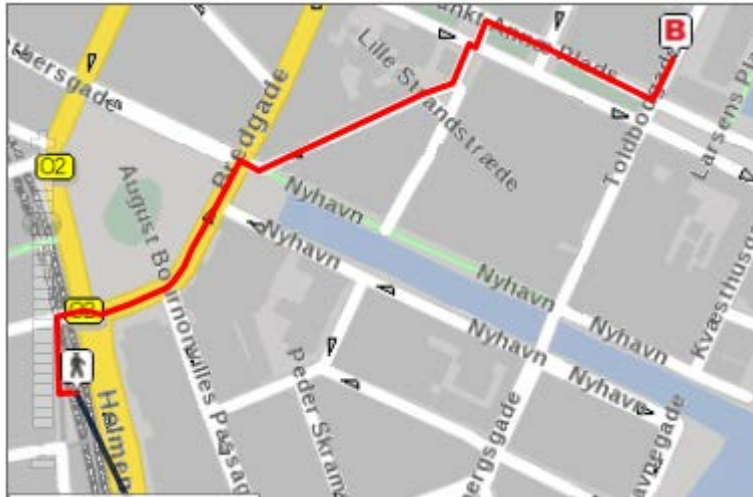


How to get there:

From Copenhagen Airport

Take the M2 subway (Metro) towards Vanløse station.

Get off at Kongens Nytorv station. Walk to Toldbodgade 24-28 (700 m, see map below).



From Copenhagen Central Station

Take Bus 1A towards Hellerup station. Get off at Odd Fellow Palæet (Bredgade)
Walk to Tolbodgade 24-28 (450 m, see map below)

