

2nd Seminar on Health Aspects of the Nordic Diet

Nya festsalen, Akademiska föreningen, Sandgatan 2, Lund

17-18 November 2011

- 16 November** Appended internal meetings in MitoHealth and SYSDIET
(see separate information for each network)
- 17 November**
8.30-12.00 **The Nordic diet and its health benefits**
Chair: Kaisa Poutanen
- 8.30 Opening of the meeting
Per Eriksson, Vice-Chancellor of Lund University
- 8.35-9.05 The Nordic Diet – past, present and future
Elling Bere, University of Agder, Norway (external speaker)
- 9.05-9.35 Fish and marine food consumption in Scandinavia - a historical, psychological and nutritional perspective
Themis Altintzoglou, NOFIMA, Tromsø (external speaker)
- 9.35-10.05 First results of the SYSDIET intervention
Matti Uusitupa, University of Eastern Finland (SYSDIET)
- 10.05-10.25 **Break**
- 10.25-10.55 The New Nordic diet - the Opus project
Kim Fleischer Michaelsen, IHE, Copenhagen (external speaker)
- 10.55-11.15 The NorDiet study
Ulf Riserus, Uppsala University (SYSDIET)
- 11.15-11.35 Health effects of a Danish intervention on fish and shellfish
– with focus on selenium status and anthropometry
Malene Outzen, PhD student, Institute of Cancer Epidemiology, Danish Cancer Society (HELGA)
- 11.35-11.55 Effects of dietary intervention in the SEAFOODplus study
Inga Thorsdottir, University of Iceland, Reykjavik (SYSDIET)

12.00-13.00	Lunch
13.00-17.00	Biomarkers
	Chair: Anne Tjønneland
13.00-13.20	Biomarkers of a healthy Nordic diet <i>Rikard Landberg, Swedish University of Agricultural Sciences, Uppsala (HELGA)</i>
13.20-13.40	Enterolactone – determinants and health effects <i>Nina Føns Johnsen, Institute of Cancer Epidemiology, Danish Cancer Society (HELGA)</i>
13.40-14.00	Biomarkers of mitochondrial function and cardiovascular risk - an epidemiological approach <i>Ottar Nygård, University of Bergen (MITOHEALTH)</i>
14.00-14.30	Human gut microflora, short chain fatty acids and human health <i>Stefan Sahlstrøm/Ola Johnsborg, NOFIMA, Ås (SYSDIET)</i>
14.30-14.50	Break
14.50-15.20	Metabolomics in human dietary studies <i>Lars O. Dragsted, IHE, Copenhagen (SYSDIET)</i>
15.20-15.40	Application of metabolomics in rye research - From grain to human metabolism <i>Ali Moazzami, Swedish University of Agricultural Sciences, Uppsala (HELGA)</i>
15.40-16.00	Proteomic analysis as a tool in studying metabolic effects of marine food <i>Ileana R. León, SDU, Odense (MITOHEALTH)</i>
16.20-16.40	Global lipidomics in assessing the impact of dietary components on lipid metabolism <i>Hye Ryung Jung, ZORA Biosciences, Espoo (MITOHEALTH)</i>
19.00	Dinner at Grand Hotel

18 November

8.30-12.00

Mechanisms underlying health effects of the diet

Chair: Jon Skorve

8.30-9.00

Role of mitochondria in human disease and the potential health benefits of novel marine ingredients

Rolf K. Berge, University of Bergen (MITOHEALTH)

9.00-9.20

Analytical tools for studying the molecular effects of marine food consumption

Michael Børgesen, SDU, Odense (MITOHEALTH)

9.20-9.40

Feeding studies - towards an understanding of the role of marine oils and peptides for metabolic health

Bodil Bjørndal, University of Bergen (MITOHEALTH)

9.40-10.00

Polyunsaturated fatty acids for mitochondrial function

Anne Karjalainen/Kalervo Hiltunen, University of Oulu (MITOHEALTH)

10.00-10.20

Break

10.20-10.40

Lesson from mice deficient in breaking down branched fatty acid derivatives

Kaija Autio, University of Oulu (MITOHEALTH)

10.40-11.00

Studies of gene expression in adipose tissue using transcriptomics

Ingrid Dahlman, Karolinska Institute, Stockholm (SYSDIET)

11.00-11.30

Gene expression in blood cells in dietary intervention studies

Mari C. Myhrstad, Oslo and Akershus University College for Applied Sciences (SYSDIET)

11.30-12.30

General Discussion

Future collaborations among the NCoE:s in Food, Health and Nutrition. Communication activities in NordForsk.

12.30-13.30

Lunch

End of meeting

SYSDIET Systems Biology in Controlled Dietary Interventions and Cohort Studies

HELGA Nordic Health -Whole Grain Food

MitoHealth Centre for Bioactive Food Components and Prevention of Lifestyle Diseases

Local organizing committee:

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