

DanORC PhD Course: Obesity - Programme

October 5-7 2009

Venue: Institute of Preventive Medicine, Øster Søgade 18, 1357 Copenhagen K

MONDAY		THUESDAY		WEDNESDAY	
09.00-10.00	Thorkild IA Sørensen <i>The Obesity Epidemic</i>	Anders Sjødin, <i>Energy balance - in the end it is all about calories in and calories out</i>	Karsten Kristiansen <i>Biology of Adipocytes</i>		
10.00-11.00	Thorkild IA Sørensen / Lesli H. Larsen <i>Causes of Obesity</i>	Jens Juul Holst <i>Gut Hormones in regulation of food intake</i>	Kim Overvad <i>Anthropometry and total Mortality, Diabetes and Coronary Heart Disease</i>		
11.00-11.20	COFFEE				
11.20-12.20	Thorkild IA Sørensen <i>Discussions of Student's Research</i>	Thomas Meinert Larsen <i>Dietary Composition and Weight Management</i>	Jytte Halkjær <i>Overweight, Obesity and Cancer</i>		
12.20-13.00	LUNCH				
13.00-13.50	Finn Rasmussen <i>Prevention of Obesity: Current Evidence and Experiences from an ongoing Intervention Study</i>	Steen Bønløkke Pedersen <i>Inflamed adipose tissue</i>	Søren Toubro <i>Obesity Treatment - Effects of Exercise & Pharma</i>		
14.00-14.40		Henning Beck Nielsen <i>Pathogenic Mechanisms linking Obesity to Diabetes and Coronary Heart Disease</i>			
14.40-15.00	COFFEE				
15.00-16.00	Finn Rasmussen <i>Consequences of Obesity: Mortality Patterns, downward social Mobility, disability Pension, perceived Discrimination</i>	Bjørn Richelsen <i>Ectopical Fat and Inflammation</i>	Søren Toubro <i>Obesity Treatment - Effects of Surgery</i>		

NAMES & AFFILIATIONS

Anders Sjødin, associate professor, MD, Dr.Med.Sci

Bjørn Richelsen, professor, Dr.Med.Sci.

Finn Rasmussen, professor

Henning Beck Nielsen, professor, consultant

Jens Juul Holst, professor, Dr.Med.Sci.

Jytte Halkjær, scientists, PhD

Karsten Kristiansen, professor, Head of Department

Kim Overvad, professor, Dr.Med.Sci.

Lesli Hingstrup Larsen, assistant professor, PhD

Steen Bønløkke Pedersen, consultant, Dr.Med.Sci.

Søren Toubro, consultant

Thomas Meinert Larsen, assistant professor, PhD

Thorkild IA Sørensen, professor, Dr.Med.Sci.

Department of Human Nutrition, University of Copenhagen

Department of Medicine and Endocrinology C, University of Aarhus

Institutionen for Folkhälsovetenskap, Karolinska Institutet, Stockholm

Department of Endocrinology M, Odense University Hospital

Department of Biomedical Sciences, University of Copenhagen

Department of Epidemiological Cancer Research, The Danish Cancer Society

Department of Biology, University of Copenhagen

Department of Clinical Epidemiology, Aalborg Hospital/ University of Aarhus

Department of Human Nutrition, University of Copenhagen

Department of Medicine and Endocrinology C, University of Aarhus

Reduce - Research Clinic of Nutrition

Department of Human Nutrition, University of Copenhagen

Institute of Preventive Medicine, Region Hovedstanden

Literature

Finn Rasmussen

1. Puhl RM, Heuer CA. *The Stigma of Obesity: A Review and Update*. Obesity (Silver Spring) 2009 (e-pub ahead of print)
2. Doak C et al. *Prevention of childhood obesity – what type of evidence should we consider relevant?* Obesity Reviews 2009; 10: 350–356.

Thorkild IA Sørensen

1. Sørensen, TI. *Challenges in the study of causation of obesity*. Proceedings of the Nutrition Society 2009 Feb;68(1): 43-54.

Jytte Halkjær

1. *Food, Nutrition, Physical Activity, and the Prevention of Cancer. The Expert Report*. World Cancer Research Fund, chapter 6. (download here: <http://www.dietandcancerreport.org/>)
2. Renehan AG, Tyson M, Egger M, Heller RF, Zwahlen M. *Body-mass index and incidence of cancer: a systematic review and meta-analysis of prospective observational studies*. Lancet. 2008 Feb 16;371(9612):569-78. Review.

Karsten Kristiansen

1. Madsen L, Liaset B, Kristiansen K. *Macronutrients and obesity: views, news and reviews*. Future Lipidology 2008; vol. 3 (1): 43-74

Thomas M. Larsen

2. Madsen L, Kristiansen K. *The importance of dietary modulation of cAMP and insulin signaling in adipose tissue and the development of obesity*. Annals of the New York Academy of Sciences - submitted.
1. Astrup A. *Treatment of Obesity*. In: DeFronzo RA, Ferannini E, Keen H, Zimmet P. *International Textbook of Diabetes Mellitus*. 3rd Edition, John Wiley & Sons, Chister 2004 (bookchapter).

Supplementary Literature

Jytte Halkjær

1. *Food, Nutrition, Physical Activity, and the Prevention of Cancer. The Expert Report*. World Cancer Research Fund, chapter 1 (download here: <http://www.dietandcancerreport.org/>)
2. Renehan AG, Roberts DL, Dive C. *Obesity and cancer: pathophysiological and biological mechanisms*. Arch Physiol Biochem. 2008 Feb;114(1):71-83. Review.

Thorkild IA Sørensen

1. Hu, Frank. *Obesity Epidemiology*. Oxford University Press 2008.

Thomas M. Larsen

1. Katan MB. *Weight-loss diets for the prevention and treatment of obesity*. New England Journal of Medicine 2009; 360 (9): 923-25.
2. Sacks FM, Bray GA, Carey VJ, Smith SR, Ryan DH, Anton SD, McManus K, Champagne CM, Bishop LM, Laranjo N, Leboff MS, Rood JC, de Jonge L, Greenway FL, Loria CM, Obarzanek E, Williamson DA. *Comparison of weight-loss diets with different compositions of fat, protein, and carbohydrates*. New England Journal of Medicine 2009; 360 (9): 859-73..