

## Program for PhD course “Novel methods in nutritional epidemiology”

Time: 2<sup>nd</sup> – 6<sup>th</sup> December 2024 Place: Frederiksberg Hospital, Nordre Fasanvej 57, 2000 Frederiksberg

### Monday 2nd

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- 09:00 – 10:30 **Introduction and welcome**  
Berit L. Heitmann, Professor, Research Unit for Dietary Studies, The Parker Institute, Bispebjerg and Frederiksberg Hospital, and The Department of Public Health, Section of General Practice, University of Copenhagen, Copenhagen, Denmark
- 10:45 – 12:15 **Student presentations**
- 12:15 – 13:00 Lunchbreak
- 13:00 – 14:30 **Dietary Pattern Analyses**  
Christina Dahm, Associate Professor, Department of Public Health, Arhus University
- 14:45 – 16:15 **Regression calibration and bias analysis**  
Christina Dahm, Associate Professor, Department of Public Health, Arhus University

### Tuesday 3rd

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- 09:00 – 10:30 **Target trial emulation**  
Christina Dahm, Associate Professor, Department of Public Health, Arhus University
- 10:45 – 12:15 **Nutrition and mendelian randomization studies, how, what when?**  
Majken Karoline Jensen, Professor, Department of Public Health, University of Copenhagen, Denmark
- 12:15 – 13:00 Lunchbreak
- 13:00 – 14:30 **Exploring the evidence on the green protein transition and the impact on musculoskeletal health in adults**  
Inge Tatens, Professor, Department of Nutrition, Exercise and Sports, University of Copenhagen, Denmark
- 14:45 – 16:15 **Evaluating nutritional epidemiology papers/evidence [talk and discussion]**  
Mina Nicole Händel, Associate Professor, MSc, PhD, Research Unit for Dietary Studies, The Parker Institute, Bispebjerg and Frederiksberg Hospital and Research Unit OPEN, Department of Clinical Research, University of Southern Denmark

### Wednesday 4th

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- 09:00 – 10:30 **Statistical substitution analysis**  
Marianne Uhre Jakobsen, Senior Researcher at Technical University of Denmark, DTU
- 10:45 – 12:15 **Diet and chronic disease**  
Marta Guasch-Ferré, PhD, Department of Public Health, University of Copenhagen, Denmark
- 12:15 – 13:00 Lunchbreak
- 13:00 – 14:30 **Collider-bias in nutrition epidemiology**  
Laust Hvas Mortensen, Professor., Section of Epidemiology, University of Copenhagen
- 14:45 – 16:15 **Mediation in relations between diet and health**  
Laust Hvas Mortensen, Professor., Section of Epidemiology, University of Copenhagen

## Thursday 5th

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- 09:00 – 10:30 **Gene-diet interactions in cardiometabolic diseases**  
Jordi Mereino, PhD, Associate Professor and Group Leader, Novo Nordisk Foundation Center for Basic Metabolic Research, University of Copenhagen
- 10:45 – 12:15 **Genetic influences on diet and its potential for precision nutrition**  
Jordi Mereino, PhD, Associate Professor and Group Leader, Novo Nordisk Foundation Center for Basic Metabolic Research, University of Copenhagen
- 12:15 – 13:00 Lunchbreak
- 13:00 – 14:30 **Research potential of natural- or societal-experiment-based studies to examine early life exposures and later health and disease**  
Mina Nicole Händel, Associate Professor, MSc, PhD, Research Unit for Dietary Studies, The Parker Institute, Bispebjerg and Frederiksberg Hospital and Research Unit OPEN, Department of Clinical Research, University of Southern Denmark
- 14:45 – 16:15 **Epigenetic influences operating in nutrition**  
Concepción Aguilera, Professor, Department of Biochemistry and Molecular Biology, University of Granada, Spain

## Friday 6th

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- 09:00 – 10:30 **Application of epigenetics in nutritional disease**  
Concepción Aguilera, Professor, Department of Biochemistry and Molecular Biology, University of Granada, Spain
- 10:45 – 12:15 **Reporting bias and consequences**  
Berit L. Heitmann, Professor, Research Unit for Dietary Studies, The Parker Institute, Bispebjerg and Frederiksberg Hospital, and The Department of Public Health, Section of General Practice, University of Copenhagen, Denmark
- 12:15 – 13:00 Lunchbreak
- 13:00 – 14:30 **Final discussion, remarks and closure**  
Berit L. Heitmann, Professor, Research Unit for Dietary Studies, The Parker Institute, Bispebjerg and Frederiksberg Hospital, and The Department of Public Health, Section of General Practice, University of Copenhagen, Copenhagen, Denmark



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