

Dietary biomarkers for measuring food habits - possibilities and challenges

It is difficult to measure what people eat. Can we for example use a blood test to measure food habits? What are the possibilities and challenges? During this webinar arranged by the Swedish Network in Nutritional Epidemiology (NEON); The National Committee in Nutrition and Food Sciences, The Royal Swedish Academy of Sciences, and EpiHealth we will learn about different dietary biomarkers and future directions for this research area.

Program overview

Monday April 26

Introduction to dietary biomarkers

Lars Ove Dragsted, Professor, Copenhagen University, Denmark

Biomarkers of fat intake

Fredrik Rosqvist, Associate professor, Uppsala University

Dietary biomarkers 2.0: from potential towards implementation

Otto Savolainen, Researcher, Chalmers University of Technology in Gothenburg

Urinary sugars as biomarkers for sugar intake

Stina Ramne, Doctoral student, Lund University

Isotope biomarkers of dietary intakes

Gunter Kuhnle, Professor, University of Reading, UK

Tuesday April 27

Metabolomics-based dietary biomarkers – current status and future opportunities

Lorraine Brennan, Professor, University College Dublin, Ireland

Metabolomics in the Malmö cohorts

Filip Ottosson, Postdoc, Lund University

Food and wastewater-based epidemiology

Phil Choi, Senior scientist, University of Queensland, Australia

Spot urine biomarkers and 24-h diet recalls: validation and measurement error correction

Timm Intemann, Postdoc, Leibniz Institute for Prevention Research and Epidemiology, Germany

Nutritional biomarkers in the Swedish national dietary survey “Riksmaten adolescents”

Anna Karin Lindroos, PhD, Risk and benefit assessor, Swedish Food Agency

Genetics as objective markers of dietary exposure

Susanna Larsson, Associate professor, Uppsala University