

RNA and genetic variants in Endometrial Cancer

Project seminar 3-4 June 2024

Monday 3rd of June 2024

Location: Meeting room Makro (4th floor)

10:30 Coffee and refreshments

11:00 Welcome and Introduction

Hilde Langseth, PhD, Senior Researcher, Head of Section for Molecular Epidemiology and Infections, PI Janus Serum Bank, Cancer Registry of Norway (10)

11:10 Project background and motivation

Hilde Langseth (15)

11:25 Janus Serum Bank Cohort and Cancer Registry of Norway

Hilde Langseth (15)

11:40 Omics and machine learning in Janus

Trine B. Rounge, Professor, PhD, Senior Researcher, Cancer Registry of Norway/University of Oslo (30 + 15 Q&A)

12:10 Lunch (60)

13:10 Differential levels of circulating RNAs prior to endometrial cancer diagnosis

Sina Rostami, PhD, Postdoc, Cancer Registry of Norway (30 + 15 Q&A)

13:55 (Non-)Modifiable Risk Factors and Biomarkers in Endometrial Cancer: Considering the Prevention Potential

Renée Turzanski Fortner, PhD, Senior Researcher, Cancer Registry of Norway (30 + 15 Q&A)

14:40 Coffee break (20)

15:00 Pre-diagnostic circulating inflammation markers and endometrial cancer risk in the Prostate, Lung, Colorectal and Ovarian Cancer (PLCO) Screening Trial

Britton Trabert, Professor, PhD, Department of Obstetrics and Gynecology, Huntsman Cancer Institute at the University of Utah (20 + 10 Q&A)

15:30 Replication study in PLCO or other Cohorts

Rebecca Troisi, Sc.D, Trans-Divisional Research Program, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Rockville, MD, USA (30 + 15 Q&A)

16:15 Discussions

All (45)

17:00 End of Day 1

19:00 Dinner at Südøst

Adress: Trondheimsveien 5, 0560 Oslo
(<https://www.sudost.no/>) - Yang Deluxe menu

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Tuesday 4th of June 2024

Location: Meeting room Micro (4th floor)

08:45 Coffee and refreshments

09:00 Welcome to day 2
Hilde Langseth (5)

09:05 A Mendelian randomization approach for pre-diagnosis miRNA signatures in endometrial cancer causality
Luca Pestarino, PhD, Postdoc, Cancer Registry of Norway, Department of Gynecological Oncology, Oslo University Hospital (30 + 15 Q&A)

09:50 SNP-based imputation of RNA expression for transcriptome-wide association studies
Fredrik Wiklund, Professor, PhD, Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Sweden (30 + 15 Q&A)

10:35 Coffee break (20)

10:55 Joint Nordic-US studies on pregnancy-related factors/birth characteristics and endometrial cancer
Tone Bjørge, Professor, MD, PhD, Head of Janus steering group, Director Centre for Translational Research in Epidemiology (TRACE), Department of Global Public Health and Primary Care, University of Bergen (15 + 5 Q&A)

11:15 State of the art diagnostic and recent changes in therapeutics landscape
Kristina Lindemann, Professor, MD, PhD, Head of Research, Department of Gynecological Oncology, Oslo University Hospital (30 + 15 Q&A)

12:00 Lunch (60)

13:00 Gene-miRNA interaction analyses – Can it be done and how?
Øystein Ariansen Haaland, Professor, PhD, Department of Global Public Health and Primary Care, University of Bergen (30 + 15 Q&A)

13:45 Ethical, Legal and Societal Aspects (ELSA) and Responsible Research and Innovation (RRI)
Hilde Langseth (15)

14:00 FAIR data sharing
Sina Rostami (10)

14:10 Wrap-up and next steps
All (50)

15:00 End of Seminar