



Symposium on Precision Medicine in the Region of Southern Denmark

March 21, Thursday 13:15 – 18:00



13:15-15:35 **Part I**

13:15-13:25 Welcome v/professor Bjarne Winther Kristensen

13:25-13:35 Presentation of Clinical Genome Center v/professor Torben Kruse

13:35-14:55 Short talks (10 min per talk including questions):

PRECODE: a genome profiling study across all cancer types for precision directed treatment v/Karin Holmskov
Genome sequencing of breast tumors. Mutational signatures and BRCAness v/Lars Andersen
Benefit of diagnostic panel sequencing in brain cancer v/Jeanette Krogh Petersen
A decade of exome sequencing... What's next v/Marcus C. Hansen
Assessing somatic and germline variations using exome sequencing in young patients with head and neck carcinomas v/Silvia Regina Rogatto
Single cell RNA sequencing. Stem cell characterization v/Ditte Andersen
Liquid biopsy-directed precision medicine in lung cancer v/Karin Holmskov and Maria Bibi Lyng
Structural variants identified by genome sequencing v/Ieva Miceikaite

14:55-15:35 **International keynote speaker**

Genomics-Guided Precision Oncology – Lessons from the MASTER program of the German Cancer Consortium v/professor Stefan Fröhling, National Center for Tumor Diseases (NTC) Heidelberg, Germany

15:35-16:00 Coffee break

16:00-18:00 **Part II**

16:00-16:40 **International keynote speaker**

Diagnostic high-throughput DNA methylation and mutational profiling v/dr.med. Felix Sahm, Neuropathology, Institute of Pathology, University Hospital Heidelberg and German Cancer Research Center (DKFZ), Heidelberg

16:40-18:00 Short talks (10 min per talk including questions):

Exome sequencing in rare diseases. Experiences from Clinical Genetics v/Martin Larsen
Exome sequencing in rare diseases. Case stories v/Christina Fagerberg
A microRNA signature identifies a breast cancer patient subgroup with an ultralow long-term risk of metastases v/Mads Thomassen and Torben Kruse
Inherited and somatic mutations by hyperinsulinism v/Klaus Brusgaard
Patient-derived xenografts (PDX) mouse models in precision medicine v/Henrik Ditzel
Splice switching oligonucleotides (SSO) in precision medicine v/Brage Storstein Andersen
Brain lesion signature in multiple sclerosis v/Maria Louise Elkjær
Harnessing the power of twins in studying genomic medicine v/Qihua Tan

18:00 Closure

Please register at March 11 the latest to: janne.christiansen@rsyd.dk

Arranged and supported by:

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