



BioCARE – Biomarkers in Cancer Medicine:

A strategic research program in cancer shared between the Universities in Lund and Gothenburg

BioCARE Advanced Seminar June 15th 2017

“CANCER CELL HETEROGENEITY”

Main Lecture Hall, University Hospital Lund.

Address: Aulan, Skånes universitetssjukhus i Lund, Blocket, Entrégatan 7, Lund.

The seminar is open and free of charge. For information on how to register, send an email to kristin.lindell@med.lu.se or ulrika.lantz.carlsson@gu.se

0900-0930 Coffee and registration

MORNING SESSION:

0930-0955 David Gisselsson, Lund University

Introduction to intratumour heterogeneity

1000-1030 Tom Watkins, Crick Institute, London

Deciphering selection in non-small cell lung cancer

1035-1105 Andrea Sottoriva, Institute of Cancer Research, London

Measuring cancer evolution in individual patients using next-generation sequencing data

1110-1140 Floris Foijer, ERIBA, Groningen

Quantifying intratumour chromosome copy number heterogeneity in cancer and Alzheimer's disease

Lunch

AFTERNOON SESSION 1

1230-1250 Göran Landberg, University of Gothenburg

Microenvironmental heterogeneity and breast cancer progression

1255-1315 Ingrid Hedenfalk, Lund University

Contrasting breast cancer molecular subtypes across serial tumor progression stages

1320-1340 Göran Jönsson, Lund University

Genetic evolution of early stage metastatic melanoma

1345-1405 Jonas Nilsson, University of Gothenburg

Pumping dry the wet blanket of tumor heterogeneity

Coffee break

AFTERNOON SESSION 2

1430-1450 Karolin Hansén Nord, Lund University

Genetic chaos and hijacked checkpoint genes in bone cancer

1455-1515 Philip Gerlee, Chalmers University of Technology

Subclonal interactions driven by growth factor production: a game theoretic approach

1520-1540 Anders Valind, Lund University

Evolutionary trajectories over anatomic space in childhood cancer

1540-1600 Open discussion

How to tackle intratumour heterogeneity in the clinic? Moderator: David Gisselsson