

Third Norwegian Cancer Symposium 2011

Holmenkollen Rica Park hotel,

OSLO, NORWAY

Monday September 5 - Thursday September 8, 2011

Monday September 5

Session 1. Keynote speakers

Chair: Erik Boye

1700 Opening, Welcome

1715 Bruce Alberts, Keynote Lecture

A Much Deeper Understanding of Cells will be Crucial for BioMedicine

1800 Tim Hunt, Dentist Aase Lecture

Switches and Latches in the Control of Cell Division

1900 Poster Mounting

1930 Buffet dinner in “Dragebygget” (the Dragon Building)

Tuesday September 6

Breakfast

Session 2. Basic mechanisms of cell-cycle transitions

Chair: Kirsten Skarstad

0830 John Diffley

Early Events in Eukaryotic DNA Replication

0910 Jan M. Skotheim

Dynamics of cell-cycle control

0950 Harald Stenmark

Studies of a lipid kinase reveal the roles of membrane dynamics in tumour suppression

1030 Coffee break

Session 3. Tumor hypoxia and glucose metabolism

Chair: Geoffrey Shapiro

1100 Peter J. Ratcliffe

Hypoxia signalling pathways: insights from and into cancer

1140 Constantinos Koumanis

Activation of the Integrated Stress Response (ISR) is required for adaptation of tumor cells to hypoxic and nutrient stress and contributes to tumor growth and metastasis

PROGRAMME

1220 Ming Tan

Overcoming Cancer Therapeutic Resistance by Targeting Dysregulated Glucose Metabolism

1300 Lunch

1400 Poster session

1700 Departure for Fjord Excursion and Dinner

Wednesday September 7

Breakfast

Session 4. Checkpoints

Chair: Randi Syljuåsen

0830 Jonathon Pines

The control of mitosis through the Spindle Assembly Checkpoint and the APC/C

0910 Helen Piwnicka-Worms

Targeting Chk1 in p53-deficient triple negative Breast Cancer using human in Mouse Tumor Models

0950 Trond Stokke

Checkpoints in the G₂ phase of the cell cycle after acute induction of double-strand breaks by ionizing radiation

PROGRAMME

1010 Grete Hasvold

Targeting hypoxic cancer cells by inhibition of CHK1

1030 Coffee Break and posters

Session 5. Protein kinases in cell-cycle control

Chair: Jonathon Pines

1100 Geoffrey Shapiro

Cyclin-Dependent Kinases as Targets for Cancer Treatment

1140 Arvin Dar

New Insights into Kinase Signaling Pathways Using Chemical Genetics

1220 Beata Grallert

Coupling of growth and the cell cycle in fission yeast

1240 Jorrit Enserink

A chemical-genetic screen to unravel the genetic network of CDC28/CDK1 reveals a role for the Rad6-Bre1 pathway in cell cycle progression

1300 Lunch

Session 6. Exploiting metabolic pathways for cancer treatment

Chair: David Shore

1430 Steven McKnight

Targeted Killing of a Cell Based Upon its Unique Metabolic Addiction

1510 Eyal Gottlieb

Metabolic network approaches for cancer therapy

1550 Rolf Bjerkvig

Antivascular therapy new insights.

1630 Posters and coffee

1930 Banquet in Saga Hall

Thursday September 8

Breakfast

Session 7. Basic mechanisms of tumor metabolism

Chair: Stephen McKnight

0830 Nahum Sonenberg

Translational control of cancer

0910 David Shore, The EMBO Lecture

Transcriptional regulation in the ribosome biogenesis network and its connections with telomere biology in the budding yeast *S. cerevisiae*

PROGRAMME

0950 Ian G. Mills

The androgen receptor fuels prostate cancer by regulating central metabolism and biosynthesis

1010 Stephanos Pavlides

The Autophagic Tumor Stroma of Cancer Metabolism - A new model for cancer

1030 Coffee break and posters

Session 8. Cell-cycle regulation

Chair: Trond Stokke

1100 Ross D. Hannan

Inhibition of RNA Polymerase I as a Therapeutic Strategy for Cancer-Specific Activation of p53

1120 Lorenzo Montanaro

JHDM1B down-regulation stimulates ribosome biogenesis and activates a p53 and SMAD-dependent growth arrest response

1140 Helen J. Whalley

The Role and Regulation of Tiam1-Rac signaling in mitosis

1200 Alberto Gandarillas

Cyclin E switches keratinocyte growth into differentiation

1220 End of meeting

1300 Lunch and departure