

SCIENTIFIC PROGRAM

Saturday May 16

Speaker Session 1

Chaired by Thanos Halazonetis

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| 7:30 - 7:45 pm | Welcome Introduction |
| 7:45 - 8:15 pm | <u>Jiri Bartek</u> : DNA damage signaling: mechanisms and role in tumorigenesis. |
| 8:15 - 8:45 pm | <u>Marco Foiani</u> : Topological transitions at replicating chromosomes. |
| 8:45 - 9:15 pm | <u>Vassilis Gorgoulis</u> : The role of the replication licensing factors, cdt1 and cdc6, in carcinogenesis. |
| Wine Reception | 9:30-11:00 pm |

Sunday May 17

Speaker Session 2

Chaired by Jos Jonkers

- 9:00 - 9:30 am Bruno Amati: Screening for Myc-target genes that drive tumor progression in vivo.
- 9:30 - 10:00 am Pier Giuseppe Pelicci: The cell-cycle inhibitor p21 limits accumulation of DNA damage in leukaemia stem-cells and prevents their functional exhaustion.
- 10:00 - 10:15 am Madalena Tarsounas (short talk): A p53-independent function of ARF in BRCA2-deficient cells.
- Coffee Break 10:15 - 10:45 am
- 10:45 - 11:15 am Klas Wiman: Mutant p53 as a target for novel cancer therapy: molecular mechanisms and clinical trial.
- 11:15 - 11:45 am Fabrizio D'Adda Di Fagagna: Interplay between the DNA Damage Response and heterochromatin in the control of oncogene-induced cellular senescence.
- 11:45 - 12:00 pm Jasna Bankovic (short talk): Identification of altered genes associated with non-small cell lung cancer promotion and progression.
- 12:00 - 12:15 pm Ronit Yarden (short talk): BRCA1 Targets G2/M Cell Cycle Proteins for Ubiquitination and Proteasomal Degradation.
- Lunch 12:30-2:00 pm
- 2:00-3:30 pm Poster Session

Speaker Session 3

Chaired by Klas Wiman

- 3:30 - 4:00 pm Oscar Fernandez-Capetillo: Can the loss of a tumour suppressor be tumour suppressive?
- 4:00 - 4:30 pm Alwin Kraemer: Genes required for centrosome clustering in cancer cells.

- 4:30 - 5:00 pm Paivi Ojala: Deciphering signaling pathways involved in tumorigenesis by KSHV- towards more efficient therapies for KSHV-associated malignancies.
- Coffee Break 5:00 - 5:30 pm
- 5:30 - 6:00 pm Sarantis Gagos: Genomic instability in neoplastic cell growth without telomerase.
- 6:00 - 6:30 pm Paula Martinez: TRF1 deletion induces gross chromosomal aberrations and leads to degenerative and pre-neoplastic lesions in mice.
- 6:30 - 6:45 pm Bettina Meier (short talk): MRT-1, a nuclease required for DNA crosslink repair and in vivo telomerase activity in *C. elegans*.
- 7:00 - 9:00 pm CANGENIN Management Committee Meeting
(for CANGENIN Management Committee Members only)

Monday May 18

Speaker Session 4

Chaired by Rolf Ohlsson

- 9:00 - 9:30 am Marikki Laiho: Discovery of novel Topoisomerase I inhibitors through high-content screen for p53 activators.
- 9:30 - 10:00 am Matthias Dobbstein: Molecular pathways to adjust the cellular response to ultraviolet irradiation.
- 10:00 - 10:15 am Sergey Kuznetsov (short talk): Loss of Rad51c leads to embryonic lethality and modulation of Trp53-dependent tumorigenesis in mice.
- Coffee Break 10:15 - 10:45 am
- 10:45 - 11:15 am Galina Selivanova: Targeting p53 by small molecules to combat cancer.
- 11:15 - 11:45 am Anton Gartner: The *C. elegans* Gen-1 Holliday junction resolvase links DNA double strand break repair and DNA damage signalling.
- 11:45 - 12:00 pm Vasso Makrantonis (short talk): Efficient chromosome bi-orientation and the tension checkpoint in *Saccharomyces cerevisiae* both require Bir1.
- 12:00 - 12:15 pm Vincentius Halim (short talk): A Quantitative Proteomics Approach to search for PLK1 Substrates in DNA Damage and Recovery.
- Lunch 12:30-2:00 pm
- 2:00-3:30 pm Poster Session

Speaker Session 5

Chaired by Sonata Jarmalaite

- 3:30 - 4:00 pm Claus Sorensen: RNA interference screening reveals new components of the DNA damage checkpoint machinery.

- 4:00 - 4:30 pm Randi Syljuasen: The relationship between DNA damage and the G2 checkpoint.
- 4:30 - 4:45 pm Angel Nebreda (short talk): p38 MAPK and HuR-dependent stabilization of p21^{Cip1} mRNA mediates the G1/S checkpoint.
- Coffee Break 4:45 - 5:15 pm
- 5:15 - 5:45 pm Olli Kallioniemi: Genome-scale research on cancer genetic instability.
- 5:45 - 6:15 pm Melanie Blasius: Novel insights into DNA damage signalling.
- 6:15 - 6:30 pm Saulius Klimasauskas (short talk): Epigenome profiling via methyltransferase-directed labeling.
- 7:30 - 10:00 pm GENICA Executive Meeting
(for GENICA project leaders and advisory board only)

Tuesday May 19

Speaker Session 6

Chaired by Vassilis Gorgoulis

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| 9:00 - 9:30 am | <u>Lauri Aaltonen</u> : Population-level predisposition to colon cancer. |
| 9:30 - 10:00 am | <u>Torben Orntoft</u> : Molecular classification of cancer based on genomic alterations, a new possibility in the molecular medicine era. |
| 10:00 - 10:15 am | <u>Ioannis Trougakos</u> (short talk): Clusterin/Apolipoprotein J in ageing and cancer: cues from gene expression profiling. |
| Coffee Break | 10:15 - 10:45 am |
| 10:45 - 11:15 am | <u>Hilde Nilsen</u> : Elucidating the role for base excision repair in eliciting cellular responses to 5-fluorouracil. |
| 11:15 - 11:45 am | <u>Dana Branzei</u> : Genetic pathways mediating damage-bypass replication and their regulation. |
| 11:45 - 12:15 pm | <u>Thanos Halazonetis</u> : Functional and structural insights of proteins involved in the DNA damage and replication stress response. |
| 12:15 - 12:30 pm | Concluding Remarks |
| Lunch | 12:30-2:00 pm |