

Program Thursday November 17, 2016

8.30 - 9.30	Registration & welcome with coffee Chair morning session: Geert Kops
9.30 - 10.05	Alan D'Andrea Dana Farber Institute, USA Novel Mechanisms of PARP-inhibitor Resistance in Tumors with Defects in the Fanconi Anemia/BRCA Pathway
10.05 – 10.40	Steve West The Francis Crick Institute, UK Activation of MUS81-EME1 within the SMX tri-nuclease is essential for chromosome segregation
10.40 – 11.15	Break
11.15 – 11.50	Thomas Helleday Karolinska Institute Sweden Importance of timed and intact supply of dNTP for genome stability
11.50 – 12.25	Mike Yaffe MIT USA Re-Wiring the DNA Damage Response to Improve Cancer Therapy: A Systems Approach
12.25 – 13.40	Lunch/poster sessions
	Chair afternoon session: René Medema
13.40 – 14.15	Jurgen Marteijn Erasmus Medical Center, the Netherlands Transcription Coupled Repair, when DNA lesions stress RNA polymerase 2
14.15 – 14.50	Stephen Taylor University of Manchester UK Mitosis, genome stability and cancer chemotherapy
14.50 – 15.20	Break
15.20 – 15.55	Susanne Lens University Medical Centre, the Netherlands A positive feedback network at the inner centromere promotes chromosomal stability
15.55 – 16.30	David Pellman Dana Farber Cancer Institute, USA Rapid Evolution of the Cancer Karyotype
16.30 – 17.05	Don Cleveland Ludwig Institute for Cancer Research Guarding the Genome: Centromeres, Centrosomes, Aneuploidy and Tumorigenesis
17.05	End of day 1

Program Friday November 18, 2016

9.00 - 9.30	Welcome with coffee Chair morning session: Puck Knipscheer
9.30 -10.05	Andre Nussenzweig NIH/NCI USA DNA breaks and end-resection measured genome wide by end sequencing (END-seq)
10.05 – 10.40	Karlene Cimprich Stanford University USA When RNA meets DNA: Dangerous Crosstalk in the Genome
10.40 – 11.10	Break
11.10 – 11.45	Jiri Lukas Center for Protein Research Denmark Endogenous sources of replication stress: How cells deal with unavoidable
11.45 – 12.20	Roland Kanaar Erasmus Medical Center the Netherlands BRCA2: On its mechanistic role in DNA repair and clinical impact in local hyperthermic cancer therapy
12.20 – 13.35	Lunch/poster sessions
	Chair afternoon session: Susanne Lens
13.35 – 14.10	Puck Knipscheer Hubrecht Institute How does the Fanconi anemia pathway promote unhooking of DNA interstrand crosslinks?
14.10 – 14.45	Simon Boulton The Francis Crick Institute UK Mechanism and Regulation of DNA-Protein Crosslink Repair by the DNA-dependent Metalloprotease SPRTN
14.45 – 15.15	Break
15.15 – 15.50	Genevieve Almouzni Institut Curie France Shaping chromatin in the nucleus, the bricks and the architects
15.50 – 16.25	Angelika Amon MIT USA Aneuploidy and cancer – a complicated relationship
16.25 –17.00	Robert Benezra Memorial Sloan Kettering Cancer Center USA TRIP13 is a Critical Regulator of Mitotic Duration and Proliferation in Mad2 Overexpressing Cells
17.00 – 17.10	Poster award ceremony
17.10	End of meeting