The 4th Annual Meeting

on

Cancer and Control of Genomic Integrity

30th September - 2nd October 2011

NH Zandvoort Hotel, Zandvoort, The Netherlands

Local Organizers: Jos Jonkers, Netherlands Cancer Institute

Rene Medema, UMC Utrecht

Email: cangenin@nki.nl

Networks: CANGENIN (BM0703) and NordForsk

The 4th Meeting on Cancer and Control of Genomic Integrity 2011

Program

Friday 30th September 2011

12.00 - 14.00	Registration
14.00 – 17.10	**Session 1: Proteomics and screens**
	(Chair: Jos Jonkers)
14.00 – 14.10	Welcome address
14.10 – 15.00	Keynote Lecture 1
	Marikki Laiho: *Transcription stress and DNA damage from the perspective of the nucleolus*
15.00 – 15.20	Bastiaan Evers (Helleday lab): *(Chemo)-Genetic interaction networks in human disease*
15.20 – 15.50	Coffee
15.50 – 16.10	Vincent Halim (Medema lab): *Comparative phosphoproteomics analysis of checkpoint recovery identifies novel regulators of the DNA damage response*
16.10 – 16.30	Viola Nähse-Kumpf (Syljuåsen lab): A genetic screen identifies BRCA2 as an important regulator of G2 checkpoint maintenance
16.30 – 16.50	Daniël Warmerdam (Medema lab): *A novel protein complex involved in the maintenance of genome stability*
16.50 – 17.10	Joerg Weiss (Gartner lab): *Using C. elegans for whole genome mutation profiling*
17.10 – 18.00	Check-in
18.00 – 18.30	Aperitif
18.30 – 20.30	Dinner
20.30 – 23.30	Poster session and mingle

Saturday 1st October 2011

07.00 – 09.00 Breakfast

09.00 – 12.30 Session 2: Checkpoint control

(Chair: Matthias Dobbelstein)

09.00 – 09.50 Keynote lecture 2

Rene Medema: *Chromosome missegregation as a cause for translocations*

09.50 – 10.10 Halfdan Beck (Storgaard-Sørensen lab): *WEE1 protects genome integrity in S-phase through suppression of replication initiation*

10.10 – 10.30 Agni Christodoulidou (Gagos lab): *Opposing roles of telomerase in the generation of polyploidy during neoplastic cell growth*

10.30 – 11.00 Coffee

11.00 – 11.20 Kasper Fugger (Storgaard Sørensen lab): *FBH1 preserves genomic integrity through processing of stalled replication forks*

11.20 – 11.40 Ariana Jacome (Fernandez-Capetillo lab): *Insertion of lacO-tandem repeats generates a fragile site in mammalian cells*

11. 40 – 12.00 Alba Llopis (Nebreda lab): *The stress-activated protein kinases p38α/β and JNK1/2 cooperate with Chk1 to inhibit mitotic entry upon DNA replication arrest*

12.00 – 12.20 Marko Lõoke (Kristjuhan lab): *Regulation Of Dna Replication Origin Firing In Budding Yeast*

12.30 – 14.00 Lunch

17.00 – 18.00 MC meeting (CANGENIN MC members only)

18.00 – 19.30 Dinner

19.30-22.30 Session 3: Oncogenes and tumor suppressors

(Chair: Tomi Mäkelä)

19.30 – 20.20 Keynote Lecture 3

Bruno Amati:

20.20 – 20.40 Vera Grinkevich (Selivanova lab): *Rescue of the apoptotic- inducing function of mutant and wt p53 by small molecule RITA: involvement of stat3 pathway*

20.40 – 21.10 Coffee

21.10 – 21.30 Karita Peltonen (Laiho lab): *Novel antitumorigenic p53 activating small-molecule compounds inhibit RNA polymerase I activity*

21.30 – 21.50 Grzegorz Sarek (Ojala lab): *Viral lytic replication compromises apoptotic response to p53 reactivation in KSHV lymphomas*

21.50 – 22.10 Vedrana Tabor (Larsson lab): *Restoration of Senescence upon Cdk2 Inactivation Delays Myc-driven acute myeloblastic leukemia*

22.10 – 22.30 Kari Vaahtomeri (Mäkelä lab): *LKB1-NUAK2 signaling in control of actin stress fibers*

Sunday 2nd October 2011

07.00 – 09.00 Breakfast

09.00 – 12.30 Session 4: Recombinatorial repair

(Chair: Anton Gartner)

09.00 – 09.20 Ana Rita Carlos (Tarsounas lab): *BRCA1 and CtIP are required for the processing of uncapped telomeres*

09.20 – 09.40 Rinske Drost (Jonkers lab): *BRCA1 RING function is essential for tumor suppression but dispensable for therapy resistance*

09.40 – 10.00 Bettina Meier (Gartner lab): *Holliday Junction resolution in C. elegans DNA double-strand break repair and meiotic recombination*

10.00 – 10.20 Sven Rottenberg: *Loss of 53BP1 causes PARP inhibitor resistance in BRCA1-mutated mouse mammary tumors*

10.20 – 10.50 Coffee

10.50 – 11.40 Keynote lecture 4

Claus Storgaard Sørensen: *Coordination between DNA damage checkpoint and repair pathways*

11. 40 – 11.55 Poster and oral presentation prize ceremony

11.55 – 12.00 Concluding remarks

12.00 – 12.45 Check-out

12.45 – 14.00 Lunch

14.00 End of the meeting