

Annual Scientific meeting

12 January 2018

Conference Centre De Driehoek, Willemsplantsoen 1c, 3511 LA Utrecht

**09.00-09.30 Registration and coffee**

09.30-09.35 Opening remarks (session chair: Yvonne Vercoulen)

09:35-09:50 Kai Kretzschmar (Clevvers): Teaching T cells to kill cancer

09:50-10:05 Titia Meijer (Kanaar): REpair CAPacity (RECAP) test: ready for the clinic?

10:05-10:20 Sijia Liu (Ten Dijke): Deubiquitinase activity profiling identifies UCHL1 as a candidate oncoprotein that promotes TGF- $\beta$ -induced breast cancer metastasis

10:20-10:35 Matthew Makowski (Michiel Vermeulen): Proteome-wide affinity quantification by mass spectrometry

10:35-10:50 Matthijs Baars (Vercoulen): Multiparametric analysis of complex tissue

*10:50- 11:10 Coffee break*

session chair: Miao-Ping Chien

11:10-11:25 Femke Feringa (René Medema): Persistent repair intermediates can trigger the onset of senescence

11:25-11:40 Lotte Bruens (Van Rheenen/Snippert): The effect of calorie restriction on mutation accumulation in the intestine

11:40-11:55 Ronan McLaughlin (Martens): Targeting CDK9/p-TEFb to alleviate EGFRi resistance in triple negative breast cancer

11:55-12.10 Gaurav Pandey (Van Lohuizen): CRISPRi screens reveal genetic vulnerabilities in Glioblastomas

12:10-12:25 Lisa Donker (Gloerich): Mechanical regulation of epithelial homeostasis

*12:25-13:30 Lunch*

session chair: Laila Ritsma

13:30-13:45 Cristina Ribeiro-Silva (Wim Vermeulen): DNA damage sensitivity of SWI/SNF-deficient cells depends on TFIIH subunit p62/GTF2H1

13:45-14:00 Tineke Lenstra: A single-molecule understanding of the connection between activator binding and transcriptional noise regulation

14:00-14:15 Bas Ponsioen (Bos/Snippert): An improved FRET-sensor to visualize ERK activities in CRC organoids at the cellular level

14:15-14:30 Bettina Weigelin (Friedl): Intravital microscopy of CTL effector function

14:30-14:45 Roelof Koster (Cuppen):

14:45-15:00 Alice Bolner (Knipscheer): Acetaldehyde-induced DNA interstrand crosslinks are repaired by the Fanconi anemia pathway and a novel repair route

15:00-15:20 *Tea Break*

session chair: Tineke Lenstra

15:20-15:35 Eric Pinto Barbera (Faller): Unravelling the role of translation elongation during tumorigenesis in the intestine

15:35-15:50 Lindsay Angus (Sleijfer): Assessment of circulating tumor DNA in patients with advanced colorectal cancer treated with cetuximab monotherapy

15:50-16:05 Maria Rodriguez-Colman (Burgering): Metabolic control of stem cells in the intestine

16:05-16.20 Wilma Hoevenaar (Kops): The effect of chromosomal instability on intestinal tumorigenesis in mice

16:20-16:35 Leila Akkari: Dynamics Changes in Immune Cells During Glioma Response to Treatment: Macrophages at Play

16.35-16.50 Liqin Wang (Bernards): Identifying vulnerabilities of drug resistant cancers

**16.50            Drinks**

**AIO's** and **Postdocs** of the participating groups are particularly invited to join.

The capacity of the room is limited to 120 participants, so please register online on the CGC.nl website [www.cancergenomics.nl](http://www.cancergenomics.nl)