

Annual Scientific meeting

9 January 2015

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

09.00-09.05 *Opening remarks*

09:05-09:20 Marc van de Wetering (Clevers): Colon organoid Biobank

09:20-09:35 Jarno Drost (Clevers): Constructing tumor organoids by CRISPR

09:35-09:50 Joep de Ligt (Cuppen); Exploiting colon cancer signaling crosstalk for therapy

09:50-10:05 Alba Cristobal Gonzales (Heck): Proteome profiling of human healthy and tumor colon organoids

10:05-10:20 Fleur Weeber (Voest): tba

10:20-10:35 Robin van Geel (Schellens): Treatment strategies in KRAS^M and BRAF^M advanced colorectal cancer.

10:35-10:50 Kishnan Naipal (Kanaar): DNA damage response-based selection tools for targeted cancer therapy

10:50- 11:10 *Coffee break*

11:10-11:25 Peter de Keizer (W. Vermeulen) - Targeted Apoptosis of Senescent Cells (TASC) against Aging and Cancer

11:25-11:40 Puck Knipscheer: 'DNA damage induced by crosslinking agents, repair mechanism and regulation.

11:40-11:55 Lenno Krenning (R. Medema) - Dictating cell fate after damage

11:55-12:10 Martijn Koppens (Van Lohuizen): Polycomb Group function in normal and cancerous tissue of the intestine

12:10-12:25 Bram Thijssen (Wessels) - 'Modeling drug response in breast cancer'

12:25-13:30 *Lunch*

13:30-13:45 Sake van Wageningen (Bernards) - An evolutionarily conserved synthetic lethal interaction of RAS signaling

13:45-14:00 Anna Lyubimova (Van Oudenaarden): Discovery of rare intestinal cell types

- 14:00-14:15 Boudewijn Burgering: Understanding the metabolomics of cancer using organoids
- 14:15-14:30 Cornelia Veelken (Friedl): tba
- 14:30-14:45 Arianna Fumagalli (van Rheenen): Tumors based on orthotopic transplantation of organoids show natural progression of cancer
- 14:45-15:00 Michiel Vermeulen: tba
- 15:00-15:20 Tea Break*
- 15:20-15:35 Lukas Bruurs (Bos): ATP8B1 governs apical membrane size by limiting Cdc42 lateral diffusion
- 15:35-15:50 Danny Sahtoe (Sixma): Mechanism of UCH-L5 activation and inhibition by DEUBAD domains in RPN13 and INO80G
- 15:50-16:05 Dita Prasetyanti (J.P. Medema): Subtyping in primary colon cancer cultures and xenografts
- 16:05-16.20 Peter ten Dijke: Inflammation-induced nuclear receptor NR4A1 promotes breast cancer metastasis by activating TGF- β signalling.
- 16:20 Borrel**
- 16.30- 17.30 CGC group leader meeting.

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