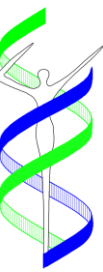


29th MGC-SYMPOSIUM
Thursday, September 12, 2019
KINO, Rotterdam



Program

- 8.45 coffee and registration
9.15 opening: S.M. van der Maarel

Chairman:

- 9.20 **Chirantani Mukherjee** (Molecular Genetics, Erasmus MC) "RIF1 promotes replication fork protection and prevents genome instability"
- 9.40 **Yana van Weegen** (Human Genetics, LUMC) "The sequential and cooperative assembly of CSB, CSA, and UVSSA leads to the recruitment of the TFIIH complex to DNA damage-stalled RNA polymerase II"
- 10.00 **Valentina Casa** (Cell Biology, Erasmus MC) "Redundant and nonredundant roles of the cohesin-ring STAG subunits in chromatin looping and transcription control"
- 10.20 **Jiang Chang** (Molecular Genetics, Erasmus MC) "Frequent transcription stalling in metazoan aging"
- 10.40 **Marije Niemeijer** (LACDR, UL) "High throughput transcriptomics of primary human hepatocyte inter-individual variance in adaptive stress response activation"
- 11.00 coffee/tea

Chairman:

- 11.20 **Best lecture of the MGC PhD Workshop 2019**
Rodrigo Canibano Fraile (Clinical Genetics/Pediatrics, Erasmus MC) "Towards a cell-based therapy for muscle disorders – Characterization of regenerative adult skeletal muscle cells expanded ex vivo"
- 11.40 **Ayestha Sijm** (Biochemistry, Erasmus MC) "USP7 links metabolism, epigenetics and tumor suppression"
- 12.00 **Stephanie Schubert** (Pathology, LUMC) "Germline mutation affecting p53 β isoforms predisposes to multiple primary cancers"
- 12.20 **Meindert Lamers** (Cell and Chemical Biology, LUMC) "Structural features of high fidelity DNA replication"
- 12.40 -14.00 lunch

Chairman:

- 14.00 **Maartje Huijbers** (Human Genetics – Neurology, LUMC) "The peculiar features of IgG4 and their role in autoimmune diseases"
- 14.20 **Laura Kuil** (Clinical Genetics, Erasmus MC) "Genetic regulation of macrophage development: from zebrafish to human disease"
- 14.40 **Evelien Eenjes** (Pediatric Surgery, Erasmus MC) "Levels of Sox2 and Sox21 are important for development and regeneration of airway epithelium"
- 15.00 **Menno Creyghton** (Developmental Biology, Erasmus MC) "Evolution of the human brain and the emergence of neural disorders"
- 15.20 **Amy Cochrane** (Anatomy and Embryology, LUMC) "Developing 'Vessel-on-Chip' technology to model vascular physiology and pathophysiology using human induced pluripotent stem cells"
- 15.40 coffee/tea

Chairman:

- 16.10 **MGC Symposium Lecture**
Isabel Aznarez, Ph.D. Founder & Vice President, Head of Biology, Stoke Therapeutics, Bedford, MA 01730
"Antisense-mediated increase of SCN1A expression using TANGO technology for the treatment of Dravet Syndrome"
- 17.10 drinks and snacks, buffet