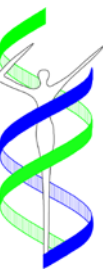


27th MGC-SYMPOSIUM
Thursday, September 14, 2017
Forumzaal, Erasmus Universiteit, Rotterdam



Program

- 8.45 coffee and registration
- 9.15 opening: S.M. van der Maarel
Chairman: S.M. van der Maarel
- 9.20 **Gonzalo Sanchez Duffhues** (Department of Molecular Cell Biology, LUMC) "Endothelial-to-mesenchymal transition in human disease"
- 9.40 **Luca Signorile** (Department of Cell Biology, Erasmus MC) "Quality control of microtubules: from in vitro experiments to brain malformations"
- 10.00 **Bart Appelhof** (Department of Clinical Genetics, LUMC) "Genetic aberrations and disease mechanisms in Pontocerebellar Hypoplasia"
- 10.20 **Inge van Gool** (Department of Pathology, LUMC) "Somatic POLE exonuclease domain mutations in (endometrial) cancer"
- 10.40 **Marjolein Baar** (Department of Molecular Genetics, Erasmus MC) "Age-related pro-survival responses and cancer"
- 11.00 coffee/tea
Chairman: H.J. Tanke
- 11.20 **Monika Bialecka** (Department of Anatomy & Embryology, LUMC) "Development of the human germ line, where do we stand now?"
- 11.40 **Athina Vidaki** (Department of Genetic Identification, Erasmus MC) "CpGforID: Epigenetic discrimination of identical twins under the forensic scenario"
- 12.00 **Anita van den Heuvel** (Department of Human Genetics, LUMC) "Single-cell transcriptomics; Towards unraveling the true FSHD transcriptome (dynamics)"
- 12.20 **Dina Vojinovic** (Department of Genetic Identification, Erasmus MC) "Genome-wide association study of brain ventricular volume"
- 12.40 -14.00 lunch
Chairman: B. v.d. Water
- Best lecture of the MGC PhD Workshop 2017
- 14.00 **Kyra Smit** (Department of Clinical Genetics, Erasmus MC) "Prognostication of uveal melanoma patients: are exosomes the solution?"
- 14.20 **Esme Koedoot** (LACDR- Research Division Drug Discovery and Safety, UL) "Integrated RNAi screening and RNAseq analysis to uncover splicing programs that control breast cancer progression"
- 14.40 **Saskia Hiltemann** (Department of Pathology and Bioinformatics, Erasmus MC) "Galaxy mothur Toolset (GmT): a user-friendly application for 16S rRNA gene sequencing analysis using mother"
- 15.00 **Tareq Malas** (Department of Human Genetics, LUMC) "Accelerating drug-discovery in polycystic kidney disease using genome-scale expression profiling analysis"
- 15.20 **Erik van der Wal** (Department of Clinical Genetics, Erasmus MC) "Regenerative medicine using iPSC-derived skeletal muscle progenitors"
- 15.40 coffee/tea
Chairman: D. Huylebroeck
- 16.10 *MGC Symposium Lecture*
Thierry Voet (KULeuven, Belgium and Sanger Inst., Cambridge, UK) "Single-cell (multi-omics) sequencing to study the biology of cellular heterogeneity in health and disease"
- 17.10 drinks and snacks