

# 30<sup>th</sup> MGC-SYMPOSIUM

Thursday, 19 May, 2022

Fletcher hotel, Leiden

## Program

- 8.45 Coffee and Registration
- 9.15 Opening: Silvere van der Maarel  
*Chairmen: Sjaak Neeffjes and Ype Elgersma*
- 9.20 **Anna Alemany** (Anatomy and Embryology, LUMC) "Tracing lineages and signals using CRISPR/Cas9"
- 9.40 **Sanne Venneker** (Pathology, LUMC) "Targeting vulnerabilities caused by the IDH mutation in chondrosarcoma: The model matters"
- 10.00 **Jeffrey van Haren** (Cell Biology, Erasmus MC) "Dissecting microtubule behaviour by an optogenetic approach"
- 10.20 **Baoxu Pang** (Cell and Chemical Biology, LUMC) "Systematic identification of silencer elements in the human genome"
- 10.40 **Niels Galjart** "How to organize a qualification system for online courses"
- 10.50 Coffee/tea  
*Chairmen: Roland Kanaar and Bob van de Water*
- 11.20 **Vivek Tripathi** (Molecular Genetics, Erasmus MC) "Replication fork protection and Genome stability"
- 11.40 **Rick Boonen** (Human Genetics, LUMC) "Elucidating functional impact and breast cancer risk associated with genetic variants in PALB2 and CHEK2"
- 12.00 **Vera van der Noord** (LACDR-Drug Discovery and Safety, UL) "Tyrosine kinase inhibitors sensitize triple-negative breast cancer to CDK12/13 inhibition by blocking ABCG2 drug efflux"
- 12.20 **Alba Muniesa-Vargas** (Molecular Genetics, Erasmus MC) "Persistent TFIIH binding to DNA damage impairs in vivo neuron functionality"
- 12.40 **Lunch**  
*Chairmen: Silvere van der Maarel and Niels Galjart*
- 13.50 **Dana Vergoossen** (Human Genetics, LUMC) "Functional monovalency amplifies the pathogenicity of anti-MuSK IgG4 in myasthenia gravis"
- 14.10 **Lieke Koornneef** (Developmental Biology, Erasmus MC) "Multi-color super-resolution (dSTORM) microscopy application to unravel spatial organization of recombinases at sites of DNA repair in mouse meiosis"
- 14.30 **Elena Perenthaler** (Clinical Genetics, Erasmus MC) "Dissecting the role of YY1 in determining enhancer activity and gene expression"
- 14.50 **Niels van den Berg** (Molecular Epidemiology, LUMC) "Longevity genetics: from quantitative trait definition to gene discovery"
- 15.10 **Raquel Crespo Galvan** (Biochemistry, Erasmus MC) "BAF complex inhibition induces HIV-1 transcription in ART-suppressed HIV-1-infected individuals"
- 15.30 Coffee/tea  
*Chairman: Silvere van der Maarel*
- 16.00 **MGC Symposium Lecture**  
**Maria Yazdanbakhsh** (Parasitology, LUMC)
- 17.00 Drinks and snacks