

Programme "DNA replication at the heart of cell fate decisions and cancer development"

20-21 November 2024, NKI Amsterdam, The Netherlands

Room PBA

Wednesday, November 20 2024

- 9.00- 9.25 **María Elena Torres-Padilla (Helmholtz, Munich)**
Emergence and regulation of replication timing during mammalian development
- 9.30- 9.55 **Philippe Pasero (CNRS, Montpellier)**
Cellular responses to replication stress, from stalled forks to inflammation
- 10.00-10.25 **Fred van Leeuwen (NKI, Amsterdam)**
Delineating chromatin rewiring during stress by locus-specific chromatin proteome decoding
- 11.00-11.30 Coffee**
- 11.30-11.55 **Julien Duxin (UCPH, Copenhagen)**
Mechanisms of DNA damage bypass
- 12.00-12.25 **Titia Sixma (NKI, Amsterdam)**
Ubiquitin chain trimming regulation in replication and repair
- 12.30-12.40 Short talk
- 12.45-12.55 Short talk
- 13.00-14.00 Lunch**
- 14.00-14.25 **TBD (LDC, Dortmund):**
Lead Discovery Center – Paving the way for innovative medicines
- 14.30-14.55 **María Gómez (CBMSO-CSIC, Madrid)**
Coordination between DNA replication and transcription elongation rates: a requirement for cell plasticity?
- 15.00-15.25 **Nitika Taneja (ErasmusMC, Rotterdam)**
Stressed replication bubbles organized into 3-D chromatin loops, coated with heterochromatin and anchored with CTCF for fork protection
- 15.30-15.40 sShort talk
- 15.45-15.55 sShort talk
- 16.00-18.30 Posters with tea, soft drinks in Tiffany's**
- 18.30 Buffet with drinks in Tiffany's**

Thursday, November 21 2024

- 9.00- 9.25 **Sylvie Noordermeer (LUMC, Leiden)**
Novel approaches to understanding BRCA1's function in DNA double strand break repair
- 9.30- 9.55 **Francesca Mattioli (Hubrecht Institute, Utrecht)**
Mechanism of chromatin assembly during DNA replication
- 10.00-10.25 **Zoi Lygerou (University of Patras, Patras)**
DNA replication licensing aberrations drive replication stress and genomic instability
- 10.30-10.40 short talk
- 10.45-11.15 Coffee**
- 11.15-11.25 Short talk
- 11.30-11.55 **Lorenza Penengo (UZH, Zurich)**
Role of the interferon pathway in DNA replication and genome integrity
- 12.00-12.25 **Nynke Dekker (U Oxford)**
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- 12.30-12.55 **Emilio Lecona (CBMSO-CSIC, Madrid)**
Exploring the role of VCP/p97 in the control of DNA replication dynamics
- 13.00-14.00 Lunch**
- 14.00-14.25 **Matthias Altmeyer (UZH, Zurich)**
Cellular responses to genotoxic stress across the cell cycle
- 14.30-14.40 Short talk
- 14.45-14.55 Short talk
- 15.00-15.25 **Juan Méndez (CNIO, Madrid)**
Alleviating replication stress via re-priming of DNA synthesis
- 15.30 Tea and departure**