

MONDAY APR 22 2024 DUTCH CHRONOBIOLOGY MEETING 2024

Location Groote Museum of Artis at Plantage Middenlaan 41 in Amsterdam

09:15 – 10:00 Registration and coffee & tea

Tijgerzaal

10:00 – 10:10 Opening remarks

Koningszaal Dr Dirk Jan Stenvers, Amsterdam UMC, chair
Milo Grootjen, head of planetarium Artis

10:10 – 11:15 Session 1

Koningszaal Chair: Georgiana Rus-Oswald

10:10-10:40 **Prof. dr Astrid Groot** (Professor Population & Evolutionary Biology, University of Amsterdam)

Effects of light pollution on circadian rhythms in night-active butterflies, central players in nature's foodweb

10:40 – 10:55 **Karin van Rijn**: A non-24-hour-sleep-wake disorder in sighted individuals

10:55 – 11:15 **Artemiy Kovynev**: Timing matters: Late, but not early, exercise training ameliorates MAFLD and partly modulates the gut-liver axis

11:15 – 11:45 Coffee and tea break

Tijgerzaal

11:45 – 13:00 Session 2

Koningszaal Chair: Ward Vleeshouwers

11:45-12:15 **Dr. Heidi Lammers-van der Holst** (Assistant Professor of Public Health, Erasmus MC)

Optimizing sleep and health in shift workers; lifestyle intervention studies in practice

12:15-12:30 **Anhui Wang**: Adaptation to circadian phase shifts: a rat model of night work and jet lag

12:30-12:45 **Anne Landvreugd**: Follow the Rhythm: how Polygenic Scores for Circadian Rhythm predict Wellbeing, Depressive Symptoms, and Chronotypes

12:45-13:00 **Cesare Marino**: Circadian Cycle in Autosomal Dominant Polycystic Kidney Disease

13:00 – 14:00 Lunch

Tijgerzaal

14:00 – 15:15 Session 3

Koningszaal Chair: Hannah Broeckx

14:00-14:30 **Prof. dr Wilbert Zwart** (Professor of Functional Genomics in Oncology, at NKI)

A story on how circadian rhythm regulators are hijacked by cancer cells for their survival

14:30-14:45 **Annelies Smit:** A diurnal trough in glucocorticoid signalling is critical for bone health

14:45-15:00 **Sophie Wehrens:** Seasonal and daily variation in haemoglobin in the Dutch blood donor population

15:00-15:15 **Anneke Kastelein:** Time-Of-Day Affects Severity Of Chemotherapy-Induced Fatigue In Mice

15:15 – 16:15 Posters session, coffee and tea break

Tijgerzaal

16:15 – 17:00 Keynote lecture

Koningszaal Chair: Dirk Jan Stenvers

Prof. dr Annie Curtis (Professor of Immunology at RCSI, Ireland)

Watching the clock; impact of circadian rhythms on innate immune function, from inflammation to vaccination

17:00 – 17:10 Closing & Presentation/Poster award

Koningszaal

Anthonia Kleinhoonte Award for best presentation/ poster
Dirk Jan Stenvers & Abstract Jury

17:10 -

Tijgerzaal **Drinks and bites**