

MONDAY,
April 14
2025

DUTCH CHRONOBIOLOGY MEETING 2025

Location Het Timmerhuis - Auditorium, Halvemaanpassage 90, 3011 AH Rotterdam

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

10:00 – 10:10 **Opening remarks**
Inês Chaves & Heidi Lammers-van der Holst

10:10 – 11:45 **Session 1**
Chair: Inês Chaves

10:10-10:50 **Prof. dr Mariana Astiz Cadenas**
Ikerbasque Research Professor, head of the Laboratory of Circadian Physiology at the Achucarro Basque Center for Neuroscience in Leioa, Spain
Circadian system development and the role of antenatal glucocorticoids

10:50 – 11:05 **Rick Van Dorp** "Perinatal photoperiod has lasting effects on the rest-activity cycle and sleep in mice"

11:05 – 11:20 **Demy van Gilst** "Chrononutrition: Diurnal rhythms in cortisol and melatonin in very preterm human milk"

11:20 – 11:45 **Coffee and tea break**

11:45 – 13:00 **Session 2**
Chair: Kamiel Spoelstra

11:45-12:15 **Dr Andres Romanowski**
Group leader of the Timing of Environmental Signalling (TimES) lab, of Wageningen University
A rhythmic journey across continents.

12:15-12:30 **Hannah Broeckx & Sander Buddendorf** "Dimming streetlights reduces insects attraction but leaves bats in the dark"

12:30-12:45 **Han Jiao** "Time-restricted feeding provides limited microglial immunometabolic improvements in diet-induced obese rats"

12:45-13:00 **Maitreyi Joshi** "Affinity Proteomics and Cell-Based Circadian Assays Identify the Target of the Circadian Rhythm Modulator CEM3"

13:00 – 14:00 **Lunch**

14:00 – 15:00 **Session 3**
Chair: Joke Meijer

Keynote lecture

14:00-15:00 **Prof. dr Dick Swaab**
Professor emeritus of Neurobiology UvA and (former) director of the Netherlands Institute for Brain Research, Amsterdam
The human Suprachiasmatic nucleus, from fetus to Alzheimer'

15:00 – 16:00 **Posters session, coffee and tea break**

16:00 – 17:15 **Session 4**

Chair: Heidi Lammers-van der Holst

Prof. dr Yvonne de Kort

16:00-16:30 *Chair of Environmental Psychology of Human-Technology Interaction, Eindhoven University of Technology (TU/e)*

Could there be more to light than lux and mEDI? Light and mood from an environmental psychology perspective

16:30- 16:45 ***Koen Franken*** *"How are sedentary behavior and physical activity longitudinally associated with sleep duration and quality among survivors of colorectal cancer?"*

16:45- 17:00 ***Maaïke van der Rhee*** *"The Impact of a Sleep Intervention on Shift Workers: Improved Subjective Sleep Without Objective Changes"*

16:45- 17:15 ***Marvin Chong*** *"Cross-sectional associations between chrono-nutrition and glucose metabolism across levels of glucose impairment: The Maastricht Study"*

17:15 – 17:30 **Closing & Presentation/Poster award**

Anthonia Kleinhoonte Award for best poster

Chair Abstract Jury: Joëlle Oosterman

17:30 **Drinks and bites**