

Trippenhuis DSCB meeting

“Cell Biology in the Lowlands”

May 8-9, 2025. Het Trippenhuis, Kloveniersburgwal 29, 1011 JV Amsterdam



Thursday May 8:

09:00 – 09:20 **Walk in**

09:20 – 09:30 **Opening**

Session 1 Cytoskeletal architectures

09:30 – 10:15 Stefan Linder, Universitätsklinikum Eppendorf, Hamburg GE – *Eat up: podosomes in phagocytosis and endocytosis*

10:15 – 10:30 abstract

10:30 – 10:45 abstract

10:45 – 11:15 **Coffee**

Session 2 Advances in Microscopy

11:15 – 11:45 Eric Reits, Amsterdam UMC & Chair NL-Biolmaging - *Dutch microscopy infrastructure for cell biology*

11:45 – 11:55 short talk

11:55 – 12:05 short talk

12:05 – 12:15 short talk

12:15 – 12:45 Ben Giepmans, UMCG Groningen & Chair Dutch Society for Microscopy - *Innovating microscopy for cell biology*

Lunch & Blitz session

12:45 – 14:15 *Lunch; Blitz session including all submitted abstracts organized by Koen van den Dries (RadboudUMC), Elsa Neubert (LACDR, LU), Virginie Stevenin (LUMC).*

Session 3 Molecular characterization of disease

14:15 – 14:45 Ronald Roepman, Radboud UMC Nijmegen – *Molecular characterization of ciliopathies*

14:45 – 15:15 Noam Zelcer, Amsterdam University – *A new SPRING in lipid metabolism*

15:15 – 15:30 abstract

15:30 – 15:45 abstract

15:45 – 16:15 **Tea**

Closing lectures day 1

16:15 – 16:45 Kees Jalink, Netherlands Cancer Institute Amsterdam – *t.b.a.*

16:45 – 17:30 Anna Akhmanova, Utrecht University – *Control of cell architecture by dynamic microtubules*

18:00 – 22:00 **Drinks & Buffet, de Brakke Grond, Nes 43, 1012 KD Amsterdam**

Friday May 9

08:45 – 09:00 **Walk in**

09:00 – 09:30 Petra Gross, Nature Cell Biology – *Publishing in Nature Cell Biology: an editor's perspective*

Session 4 Tissue models for disease

09:30 – 10:00 Valeria Orlova, LUMC Leiden -- *Next-Generation Vascular Disease Models Using Patient-Derived Human Induced Pluripotent Stem Cells*

10:00 – 10:30 Saskia Suikerbuijk, Utrecht University – *Tissue-specific mechanisms of cell competition drive primary and metastatic colorectal cancer*

10:30 – 10:45 abstract

10:45 – 11:00 abstract

11:00 – 11:30 **Coffee**

Session 5 Neurobiology

11:30 – 12:00 Amélie Fréal, Amsterdam UMC -- *Molecular mechanisms regulating neuronal network homeostasis*

12:00 – 12:30 Amalia Dolga, Groningen University -- *Brain organoid models for studying the function of iPSC-derived microglia in neurodegeneration and brain tumors*

12:30 – 12:45 abstract

12:45 – 13:00 abstract

Lunch & round table discussion

13:00 – 14:30 *Lunch; round table discussion organized by Koen van den Dries (RadboudUMC), Elsa Neubert (LACDR, LU), Virginie Stevenin (LUMC).*

Session 6 Vesicles and secretion

14:30 – 15:00 Ruben Bierings, Erasmus MC Rotterdam -- *From formation to fireworks: studying Von Willebrand factor secretion from Weibel-Palade bodies using patient-derived endothelial cells.*

15:00 – 15:30 Judith Klumperman, UMC Utrecht -- *Building a Lysosome: Where Cellular Transport Highways Meet*

15:30 – 15:45 abstract

15:45 – 16:00 abstract

Closing lecture day 2

16:00 – 16:45 Sjaak Neeffjes, LUMC Leiden -- *Moving through the crowded cell*

16:45 – 16:50 **Closing remarks**

The meeting is free for members of the Dutch Society for Cell Biology. To pay your annual fee (€50.00) or to become a member, please contact Ms. Lisette Brocatus [lisette.brocatus@radboudumc.nl].

Registration and abstract submission: [http://dutch-society-cell-biology.nl].

Deadline abstract submission: 15 April 2025

Deadline registration: 30 April 2025