



31st Dutch Cancer Biology meeting - 2025

Hotel 'de Werelt' Lunteren

March 13-14, 2025

Organizers

- **Maïke Hansen** (Radboud University)
- **Gerben Vader** (Princess Máxima Center)
- **Karin de Visser** (NKI)
- **Marcel van Vugt** (UMC Groningen)



Organization with support by Oncode Institute

Program - Thursday March 13

08:30-9:45 Registration and coffee/tea (Room Fire 2)

9:45-10:00 Opening - **Organizers** (Room Air)

10:00-10:45 **Session I** (Air)

Chair: Frank van Leeuwen (Princess Máxima Center)

9:45-10:00 **Shibo Yu** (UMC Groningen)

'Cyclin E1 overexpression triggers interferon signaling and is associated with anti-tumor immunity in breast cancer'

10:00-10:15 **Wytze den Toom** (UMC Utrecht)

'Neutrophil-derived ROS as a source of mutagenesis'

10:15-10:45 **Boudewijn Burgering** (UMC Utrecht)



‘Cellular metabolism determines bimodal regulation of ATM activity’

10:45-11:15 Coffee/Tea (Fire 2)

11:15-12:15 **Session II (Air)**

Chair: Gerben Vader (Princess Máxima Center)

11:15-11:45 **Flash talks - A** (2 min each, numbers 1-9)

11:45-12:00 **Rinskje Tjeerdsma** (UMC Groningen)
‘WEE1 inhibitors trigger GCN2-mediated activation of the integrated stress response’

12:00-12:15 **Weiya Zhang** (Princess Máxima Centre)
‘Exploring Methionine Restriction in Neuroblastoma’

12:15-13:15 Lunch (Restaurant)

13:15-14:15 Invited lecture (Air) **Christian Reinhardt** (University Hospital Essen)

‘Not all small round blue cells are equal - *in vivo* functional genomics screens uncover novel biology in DLBCL and SCLC’
Chair: Marcel van Vugt (UMCG)

14:15-15:25 **Session III**

Chair: Alain de Bruin (Utrecht University)

14:15-14:30 **Bert van der Kooij** (UMC Groningen)
‘A novel function of the Von Hippel Lindau (VHL) tumor suppressor gene in repair of DNA double-strand breaks’



14:30-14:45 **Amber Hondema** (Princess Máxima Center)
'Exploring the synthetic lethality between MND1-HOP2 and RAD51AP1 loss and their implications for homologous recombination'

14:45-15:15 **Bart Westendorp** (Utrecht University)
'Targeting the cancer cell cycle: challenges and opportunities'

15:15-15:25 **Confocal NL** sponsored presentation

15:25-17:15 Coffee/Tea (Fire 2) and hotel check-in

15:45-16:30 Round-table discussions (Air), 3 tables

- 'How to pick a postdoc lab'
- 'How to connect your research to the clinic/biotech'
- 'How to write a successful paper/grant'

17:15-18:30 **Session IV**

Chair: Cor Kalkhoven (ERIBA) (Air)

17:15-17:45 **Flash talks - B** (2 min each, numbers 10-17)

17:45-18:00 **Thom Molenaar** (Amsterdam UMC)
'PARP1 levels and remaining cohesin functionality are determinants of PARPi sensitivity in STAG2 deficient cancer cells'

18:00-18:15 **Declan Whyte** (ERIBA)
'Uridine Phosphorylase-1 supports metastasis of mammary cancer to the lung by altering immune landscapes and extracellular matrix deposition - What next?'



18:15-18:30 **Julia Scott** (UMC Utrecht)
'STAG2-repressed mini-loops drive cell identity genes linked to
lethal outcomes in lung cancer'

18:30-20:00 Dinner (Restaurant)

20:00-21:30 PubQuiz (Fire 2)

21:30-0:00 Party (Fire 2)



Friday March 14

07:30-09:00 Breakfast and hotel check-out

09:00-10:20 **Session V (Air)**

Chair: Tobias Dansen (UMC Utrecht)

09:00-09:15 **Chao Yang** (NKI)

'What if mRNA translation went wrong in the lung tumor microenvironment?'

09:15-09:30 **Dorien Pastoor** (Erasmus MC)

'Targeting Super-Enhancers Driving *EV11* Expression in Leukemia by Inhibition of p300/CBP'

09:30-09:45 **Merve Yildiz** (Maastricht University)

'Patient-derived organoids as a model for endometrial cancer: exploring treatment response and steroid metabolism'

9:45 -10:15 **Antoine Khalil** (UMC Utrecht)

'Integrins direct mesenchymal programming in leader cells to drive collective cancer invasion'

10:15-10:20 **QuirienGen** sponsored presentation

'QuirienGen: accelerating drug discovery with an AI-driven single-cell platform'

10:20-11:00 Coffee/Tea (Fire 2)

11:00-12:00 Invited lecture (Air)



Francesca Mattioli (Hubrecht Institute) 'Mechanisms of epigenome inheritance'

Chair: Gerben Vader (Princess Máxima Center)

12:00-13:00 Lunch (Restaurant)

13:00-14:15 **Session VI (Air)**

Chair: Job de Lange (Amsterdam UMC)

13:00-13:15 **Irene Zaalberg** (UMC Utrecht)

'Trisomy 7 is essential for colorectal cancer maintenance'

13:15-13:30 **Eva Baum** (Princess Máxima Center)

'Drugging the Undruggable: Targeting MYC in T-Cell Acute Lymphoblastic Leukemia'

13:30-13:45 **Caterina Manzato** (UMC Utrecht)

'Condensate screening identifies YM155 as β -catenin condensate inhibitor in colorectal cancer'

13:45-14:15 **Juan Garaycochea** (Hubrecht Institute)

'Polk and NER jointly suppress tissue-specific mutagenesis caused by endogenous guanine adducts'

14:15-15:00 Coffee/Tea (Fire 2)

15:00-16:15 **Session VII (Air)**

Chair: Jurian Schuijers (UMC Utrecht)

15:00-15:15 **Sanne Massaar** (Erasmus MC)

'Double mutant *DNMT3A* AML: a unique subtype experiencing increased DNA damage and poor prognosis'



15:15-15:30 **Marco Barazas** (Leiden UMC)
'Mutational signature catalogue (*MUSIC*) of DNA double-strand break repair'

15:30-15:45 **Monique Appelman** (UMC Utrecht)
'FXR isoforms drive differentiation and differentially inhibit proliferation in colorectal cancer'

15:45-16:15 **Susanne Lens** (UMC Utrecht)
'Towards understanding aneuploidy patterns in cancer: Inducing on-target whole chromosome copy number alterations in cells'

16:15-16:30 Best presentation awards and closure - **Organizers**

16:30 Departure



Practical information

Presentations

Selected PhD/postdoc talks:

- Please prepare a 12-minute presentation, allowing for 3 minutes of questions.
- Format 16:9
- Make sure to bring your presentation on a USB stick and transfer this to our local laptop during registration, or before your session (you cannot use your own laptop).

Flash talks:

- Please prepare a 2-minute presentation with a maximum of 2 slides.
- Format 16:9
- Make sure to email (to Maike.Hansen@ru.nl) before Wednesday 12th March, 13:00.
- It will be communicated beforehand in which flash talk session you will be presenting.
- There will be NO poster session.

Location, contact, and arrival

Hotel de Werelt - Lunteren
Westhofflaan 2
6741 KH Lunteren

<https://dewereltlunteren.nl/>



Contact hotel: lunteren@dewerelt.nl or +31 088 000 1581

Contact organizers: cancer.biology.meeting@umcg.nl or +31 06 1123 4671

Arrival between 08:30-09:45 on March 13. Upon arrival, luggage can be stored at the reception. Registration for the meeting is in room Fire 2. In the afternoon on the 13th (between 15:15-17:00) there is time for check-in. Check-out before 1st session (between 07:30-08:45) on the 14th.

Plenary lectures are in room Air. Coffee breaks are in room Fire 2.

Travel directions to location

By car:

- *From the direction of Amsterdam / Apeldoorn (A1):*
Take exit Barneveld/Ede (A30) towards Ede. Take the Lunteren exit, Follow the ring road (Westzoom) and then the signs 'De Werelt'.
- *From the direction of Utrecht / Arnhem (A12):*
Take exit Ede-Noord/Barneveld (A30). Take the Lunteren exit, Follow the ring road (Westzoom) and then the signs 'De Werelt'.
- *From the direction from A15 Rotterdam / Nijmegen (A15):*
Take exit Kesteren (N233), towards Rhenen/Veenendaal. Cross the bridge at Rhenen and follow the road. Cross the 1st roundabout straight. At the next roundabout turn right.



Follow the road to the A12, then turn onto the A12 towards Arnhem. Take the A30 towards Ede-Noord/Barneveld, exit Lunteren. Follow the ring road (Westzoom) and then the signs 'De Werelt'.

By public transport:

Lunteren can be reached by train from Amersfoort and Ede-Wageningen (destination Lunteren Station). From Lunteren Station it is an approximately 15-minute walk to De Werelt Congress Center.

- *Option A: Walking route 'paved road':*

Take the gravel path and immediately turn right across the parking lot towards the sauna. There you turn left (= Boslaan). Follow Boslaan (approximately 1 km), then turn right into Molenweg. First road on the left (Westhofflaan), a sign directs you to the entrance of De Werelt Congress Center.

- *Option B: Walking route 'forest path':*

Take the gravel path and immediately turn right across the parking lot towards the sauna. There you turn left (= Boslaan). After approximately 300 meters you turn right into Van den Hamlaan. Follow this road which turns into a 'paved' forest path. Continue to follow this forest path until you reach the paved road again. Cross this road (=Molenweg). This is the Westhofflaan; a sign points to the entrance of De Werelt Congress Center.