

X-omics festival 2024

Monday April 15th 2024
In person @ Nijmegen (NL)

08.30-09.00 Registration

09.00-09.10 **Alain van Gool** (Radboudumc): Welcome and introduction

X-omics research infrastructure

Chairs: Thomas Hankemeier (Leiden University) & Janneke Weiss (Radboudumc)

09.10-09.20 **Ies Nijman** (UMC Utrecht): *"Genomics"*

09.20-09.30 **Kelly Stecker** (Utrecht University): *"Proteomics."*

09.30-09.40 **Amy Harms** (Leiden University): *"Metabolomics."*

09.40-09.50 **Sander Bervoets** (Radboudumc): *"Data analysis, integration & stewardship."*

10.00-10.30 Poster pitches

10.30-11.00 Coffee break (with poster sessions)

Omics technology innovations

Chairs: Marcel Nelen (UMC Utrecht) & Martin Giera (LUMC)

11.00-11.20 **Alexander Hoischen** (Radboudumc): *"Long read technology breakthroughs."*

11.20-11.30 Pitch **Canopy Biosciences**

11.30-11.50 **Danique van Rijswijk** (Utrecht University): *"Characterization of immunoglobulins."*

11.50-12.00 Pitch **Somalogic**

12.00-12.30 **Visioning session "The future of spatial omics!"** with X-omics core team, **Peter Horvatovich** (University of Groningen) and **Eric Reits** (Amsterdam UMC)

12.30-13.30 Lunch (with poster sessions)

Multi-omics data innovations

Chairs: Peter-Bram 't Hoen (Radboudumc) & Joeri van der Velde (UMC Groningen)

13.30-13.50 **Jeroen de Ridder** (UMC Utrecht): *"Pattern recognition in methylation data."*

13.50-14.00 Pitch **Vizgen**

14.00-14.20 **Peter Horvatovich** (University of Groningen): *"Proteogenomics data integration."*

14.20-14.30 Pitch **PacBio**

Chair: Alain van Gool (Radboudumc)

14.30-15.00 Keynote speaker:

Rima Kaddurah-Daouk (Duke University, USA): *"Multi-omics precision medicine."*

15.00-15.30 Coffee break (with poster sessions)

Multi-omics impact

Chairs: Albert Heck (Utrecht University) & Dorret Boomsma (VU Amsterdam)

15.30-15.55 **Eline Slagboom** (LUMC): *"Metabolic aging."*

15.55-16.20 **Edwin Cuppen** (Hartwig Medical Foundation): *"Oncology metastatic treatment."*

16.20-16.45 **Hans Jacobs** (Radboudumc): *"Personalized diagnostics in Multiple Myeloma."*

16.45-17.10 **Lisenka Vissers** (Radboudumc): *"AI-based phenomics for rare disease."*

17.10-17.15 **Alain van Gool** (Radboudumc): Recap and closure

17.15-17.45 Drinks

Contact

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www.x-omics.nl/festival

