

NVBMB

Program

NVBMB Spring Symposium 2022

Single Cell Biology: emerging technologies and opportunities

Thursday May 12, 2022 (9:30-18.00)

VU University, Main Building, De Boelelaan 1105, 1081 HV Amsterdam

- 9:00 9:30 Registration
- 9:30 9:40 Welcome
- 9:40 10:20 **Elzo de Wit** (Netherlands Cancer Institute, Amsterdam)
Single cell ATACseq reveals main drivers of cell state transitions in a synthetic embryo model
- 10:20 11:00 **Evelina Tutucci** (VU University, Amsterdam)
Subcellular mRNA localization in fungi, from single yeast cells to biofilms
- 11:00 11:30 Coffee & Tea break
- 11:30 12:10 **Matthias Heinemann** (University of Groningen)
Metabolic dynamics in single yeast cells
- 12:10 12:50 **Lars Velten** (webinar; Centre for Genomic Regulation, CRG, Barcelona)
Hematopoiesis and leukemia through the lens of single cell multi-omics
- 12:50 14:00 Lunch
- 14:00 14:40 **Marvin Tanenbaum** (Hubrecht Institute)
Heterogeneity in genetic decoding
- 14:40 15:20 **Frits Koning** (LUMC)
Imaging the unimaginable with (imaging) mass cytometry
- 15:20 16:10 Coffee & Tea break
- 16:10 16:20 Westenbrink Prize Ceremony
- 16:20 17:00 **Rik Lindeboom** (Teichmann lab, Wellcome Sanger Inst., Cambridge; winner Westenbrink prize 2020/21)
Delineating the local and systemic responses to SARS-CoV-2 infection using single cell multi-omics
- 17:00 17:40 **Christine Jacobs-Wagner** (webinar; Stanford University, HHMI)
ATP dynamics in bacteria
- 17:40 19:00 Closing and Drinks

[Route description Vrije Universiteit](#)

Local organizers:

Yves Bollen, VU University / Fred van Leeuwen, Netherlands Cancer Institute/Amsterdam UMC