

# Single Cell Biology

## *emerging technologies and opportunities*

**Thursday May 12, 2022**

**VU University, Amsterdam (9:45-18.00)**

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

speakers:

**Elzo de Wit** (Netherlands Cancer Institute, Amsterdam)

*Single cell ATACseq reveals main drivers of cell state transitions in a synthetic embryo model*

**Evelina Tutucci** (VU University, Amsterdam)

*Subcellular mRNA localization in fungi, from single yeast cells to biofilms*

**Matthias Heinemann** (University of Groningen)

*Metabolic dynamics in single yeast cells*

**Lars Velten** (webinar; Centre for Genomic Regulation, CRG, Barcelona)

*Hematopoiesis and leukemia through the lens of single cell multi-omics*

**Marvin Tanenbaum** (Hubrecht Institute)

*Heterogeneity in genetic decoding*

**Frits Koning** (LUMC)

*Imaging the unimaginable with (imaging) mass cytometry*

**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*

**Christine Jacobs-Wagner** (webinar; Stanford University, HHMI)

*Spatiotemporal mechanisms underlying cellular replication of bacteria*



**Local organizers:**

Yves Bollen, VU University

Fred van Leeuwen, Netherlands Cancer Institute

**Register before May 2**

<https://nvbmb.kncv.nl/spring-2022>