



# Biology at True Resolution



## DATE

March 17, 2020

## TIME

13:30 – 17:00

## LOCATION

Hörsaal Paraklinik  
Länggassstrasse 122  
3012 Bern  
Switzerland

## REGISTER AT

<https://userday-bern.eventbrite.com>

## OR SCAN WITH YOUR MOBILE



## 10x Genomics User Day | Bern, Switzerland

### From Single Cell to Spatial Transcriptomics with 10x Genomics

Whether you want to dissect cell-type differences, investigate the adaptive immune system, or discover copy number variation and genomic heterogeneity on a cell-by-cell basis, the Chromium System from 10x Genomics is the answer. Characterize and profile gene expression in hundreds to tens of thousands of single cells, sequence paired, full-length B-cell or T-cell repertoires, or profile hundreds to thousands of single cell genomes to reveal genome heterogeneity and understand clonal evolution. These are just a few of the ways our solutions can provide unparalleled insight into previously inaccessible information. Learn how to enhance your biological discoveries with our genomics and high-throughput single cell transcriptomics products and explore our newest single cell technologies such as the Single Cell ATAC Solution and Single Cell Gene Expression Solution with Feature Barcoding technology.

### Agenda

13:30	Registration & Check-in	
14:00	Welcome & Introduction	
14:05	Overview of 10x Genomics Single Cell Genomics & Visium Spatial Technologies and Applications	Hannes Arnold 10x Genomics
15:00	Understanding cell diversity in the brain using single cell transcriptomics	Simon Sprecher Lab University of Fribourg
15:20 – 15:50	Coffee Break	
15:50	Single cell analysis of pandemic Influenza A virus infection in human airway epithelial cells	Ronald Dijkman Lab University of Bern
16:10	Using single cell sequencing to decipher the developmental role of RNA epitranscriptomics	Sebastian Leidel Lab University of Bern
16:30	Single cell RNA-seq temporal atlas of regenerating mouse liver	Deborah Stroka Lab University of Bern
16:50	10x Genomics Roadmap 2020	Rudi Schläfli 10x Genomics
17:00	Closing Remarks	

### Questions?

Contact Dr. Rudi Schläfli @ [rudi.schlaefli@10xgenomics.com](mailto:rudi.schlaefli@10xgenomics.com)