See biology in new ways

Seminar

Resolving Biology: Gain a Complete View of Biology with Single Cell and Spatial Analysis

Thursday, February 29
14:00 PM – 18:00 PM

Arrival 13:45 – 14:00 PM
Seminar 14:00 – 17:00 PM
Networking 17:00 – 18:00 PM

Universitätsklinikum Halle
Hörsaal 4 im UKH
Ernst-Grube-Straße 40
06120 Halle

Abstract

The Chromium Single Cell, Visium Spatial, and Xenium In-Situ platforms provide a systematic approach to gain profound insights into a wide variety of biological mechanisms. Chromium offers multiple modalities for single-cell analyses. Spatial transcriptomics, exemplified by Visium, has proven pivotal in cataloguing the entire transcriptome with intricate spatial detail. Furthermore, Xenium's In Situ capabilities facilitate molecular profiling at single-cell level.

In this seminar, 10x Genomics will present these technology platforms including the latest innovations accompanied by application examples based on research literature. This will be complemented by three scientific presentations from two departments at the Universitätsmedizin Halle which will include relevant outcomes generated with the Chromium single-cell RNAseq technology.

To find out more about our products and services, contact:

Amelia Megia Guerrero
+49 176 6363 5201
amelia.megia@10xgenomics.com

Register at:

See biology in new ways

Seminar

Agenda


10x Talk Resolving Biology: Gain a Complete View of Biology with Single Cell and Spatial Analysis

Dr. Martin Seifert; *Senior Science & Technology Advisor | 10x Genomics*
M. Sc. Amelia Megia; *Sales Executive | 10x Genomics*

14:00 – 15:10 PM

Coffee break

15:10 – 15:30 PM

Towards a better understanding of the transcriptional networks that drive therapy-resistance in colorectal cancer patients

Jun.-Prof. Dr. Michael Böttcher
Gruppenleiter| Molekulare Medizin der Signaltransduktion

15:30 – 16:00 PM

The stroma-mediated growth support of CRC is controlled by α-catenin only in distinct CRC cells depending on their transcriptional background

Dr. rer. nat. Jana Lützkendorf
Postdoc|Hämatologie und Onkologie

16:00 – 16:30 PM

Targeted Perturb-seq Reveals EGR1 and FOS as Key Regulators of the Transcriptional RAF-MAPK Response

M. Sc. Ghanem El Kassem
Ph.D. student | Molekulare Medizin der Signaltransduktion

16:30 – 17:00 PM

Networking event

17:00 – 18:00 PM