



Waters™

Biosciences

Formerly BD Bioscience

On-site seminar

Single-cell multiomics in practice – integrated workflows, scalable assays and high-quality readouts

Single-cell RNA sequencing is well established. Single-cell multiomics extends this concept by integrating multiple molecular layers within one workflow.

This seminar focuses on scalable, cost-efficient multiomic single-cell approaches – from sample preparation to data analysis – and how integrated platforms enable high-throughput studies without added complexity.

Date: April 29, 2026 – 11:00 h – 14:00 h

Location: Uniklinik Würzburg | Single-cell Center/CU Spatial Transcriptomics | Josef-Schneider Str. 2 | 97080 Würzburg
Seminar room: 01.006 (Seminarraum 1)

Program

11:00 – 11:05 h **Welcome & Opening**

11:05 – 11:45 h **Single-cell sequencing today**

- Integrated single-cell sequencing workflows
 - RNA, protein and epigenetic readouts within one platform
- Speaker: Werner Schenkel, Senior Single Cell Solution Architect, Waters Biosciences (formerly BD Biosciences)*

11:45 – 12:00 h *Coffee Break*

12:00 – 12:30 h **Immune repertoires at single-cell resolution**

- T- and B-cell receptor sequencing as part of multiomic profiling
 - Clonal structure and immune diversity across samples
- Speaker: Werner Schenkel*

12:30 – 13:15 h **Case study – customer presentation**

- Emergency Barriers in IBD – Unraveling Neutrophil Roles Using BD Rhapsody scRNA-Seq
- Speaker: Grapp, Hendrik - TRR241 – IEC in IBD, AG Koop, Universitätsklinikum Erlangen*

13:15 – 14:00 h **Networking, discussion and Q&A**

Snacks and beverages will be served

Host

Dr. Fabian Imdahl

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Contact

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Registration



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