



From Images to Insights: High-Resolution Spatial Transcriptomics Using Xenium at the Cologne Center for Genomics



Date: March 19, 2026

Time: 10:00 – 15:00

Where: Seminar Room, CMMC Research Building, Robert-Koch-Str. 21, 50931 Cologne

Register: <https://www.cmmc-uni-koeln.de/events/seminars/seminars-2026>

Presentation title	Time	Presenter
Welcome and introduction	10:00 – 10:15	Kerstin Becker, University of Cologne Andrea Hamm-Baarke, 10x Genomics
Upleveling Spatial Biology with Xenium in situ - RNA and protein detection	10:15 – 10:45	Amelia Megia, 10x Genomics
From murine bulk RNAseq to Xenium in humans: Leveraging the power of transcriptomics to characterize diseases of the kidney filter	10:45 – 11:15	Martin Kann, University of Cologne
Bridging single cell and spatial transcriptomics: mapping the glioblastoma spatial landscape with Xenium	11:15 – 11:45	Barbara Pregler, University Hospital Bonn
Lunch break with snacks and refreshments	11:45 – 12:30	
Best-Practices for sample prep and Post-Xenium applications	12:30 – 13:15	Selina Woeste, 10x Genomics
Getting started with Custom Panel Design	13:15 – 13:30	Amelia Megia, 10x Genomics
First QC and analysis steps after your Xenium run: Xenium Explorer, Xenium Ranger and beyond	13:30 – 14:00	Selina Woeste, 10x Genomics Amelia Megia, 10x Genomics
Annotating Cell Types in Xenium In Situ Data with Label Transfer	14:00 – 14:20	Martin Seifert, 10x Genomics
The Xenium Quiz: Spatial Spirits of Cologne	14:20 – 14:30	Claudia May, 10x Genomics
Q&A and closing remarks	14:30 – 14:45	Andrea Hamm-Baarke, 10x Genomics
Lab visit at CCG - Meet the Xenium Analyzer	14:45	Kerstin Becker, University of Cologne Selina Woeste, 10x Genomics

