



Discover Spatial Biology: See Cells in Context

12th May 2026

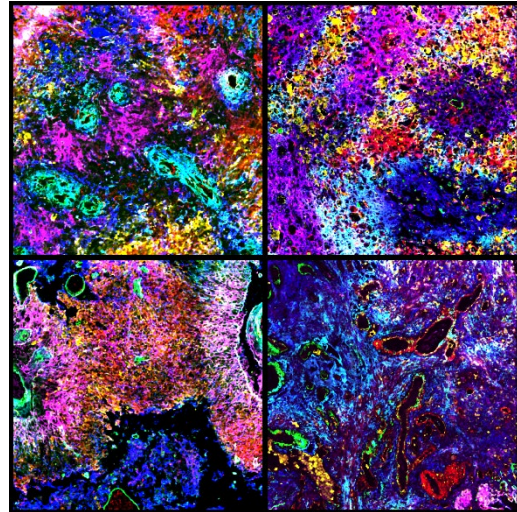
9.00am - 1.00pm

Lecture Theatre, OCRB

Discover Spatial Biology: See Cells in Context

Sample Preparation and Cell Segmentation Workshop

This half-day workshop is a joint initiative between FBMH Technology Platforms and the Cancer Research UK Manchester Institute (CRUK MI), building on the successful *Discover Spatial Biology: See Cells in Context* event held in November.



Designed in direct response to attendee feedback from the original joint event, this follow-up meeting focuses on practical challenges in spatial biology workflows, with particular emphasis on sample preparation and cell segmentation / annotation—two areas consistently identified as key barriers to progress.

Event Details:

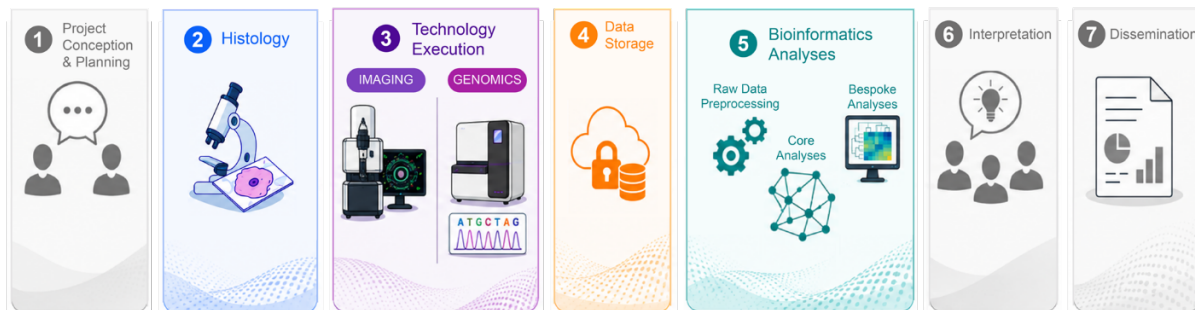
- **When:** Tuesday 12th May 9am – 1pm
- **Where:** Lecture Theatre ORCB

Whether you're new to spatial biology or looking to deepen your understanding, this event will provide insights, inspiration, and practical guidance to help you see cells—and science—in a whole new context.

AGENDA:

Session 1: Sample Preparation (Chair: Kevin Couper)		
9.00am – 9.20am	Registration	
9.20am – 9.30am	Introductory Remarks	Claus Jorgenson
9.30am -9.45am	Sample preparation for Merscope	Abdurrahman Islam
9.45am -10.00am	Visium HD: Making the most of the capture area	Lindsay Birchall
10.00am – 10.15am	Establishing Multimodal single cell spatial transcriptomics and proteomics in renal cancer	Anne-Laure Cattin
10.15am – 10.35 am	Panel discussion	
COFFEE 10.35am – 11.10am		
Session 2: Cell Annotation/ Segmentation (Chair: Stuart Pepper)		
11.10am – 11.25am	Image-based segmentation strategies for spatial omics	Mike Haley
11.25am – 11.40am	CellTypeAI: Automated cell identification for scRNA-seq using local gen-AI	Rufus Daw
11.40am – 11.55am	Challenges in 'single cell' analysis of Visium HD	Elliot Jokl
11.55am – 12.10pm	Segmentation and denoising in CosMx imaging spatial transcriptomics	Antonn Cheeseman
12.10pm – 12.25pm	A Computational Pipeline for Single-Cell Spatial Transcriptomics and Proteomics Analysis	Matous Elphick
12.25pm – 12.50pm	Panel discussion	
12.55pm – 1.00pm	Closing Remarks	Claus Jorgenson

Key Contacts:



Histology
Peter March

Imaging
Peter March
Gareth Howell
Mike Haley

Genomics
Andy Hayes

Data Storage
Ramiro Bravo

Bioinformatics
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Thank you everyone for attending and taking part.

Thanks to Mike Haley for the Image used in this brochure