

CSR Biotech MI-SIM & MicroscopeX FINER

Join our demo at **UKE** to learn about the **MI-SIM** super-resolution microscope and **MicroscopeX FINER** image enhancement software by CSR Biotech.

Date: 26.2.2025 – 5.3.2025

Location: Universitätsklinikum Hamburg-Eppendorf

Registration: <https://outlook.office.com/book/MISIMDemoUKEHamburg@csr-biotech.eu/>

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MI-SIM

MI-SIM represents a comprehensive super-resolution microscopy solution for live cell imaging. This advanced technology was born from the collaborative efforts of an interdisciplinary team at Peking University, renowned for their groundbreaking work in biomedical imaging. As a tool of choice, MI-SIM offers exceptional capabilities for observing live cell dynamics with ultra-high spatial and temporal resolution.

Features

- High Frame rate, Low Phototoxicity Live-Cell Imaging
- 60 nm Super-Resolution in Live Cells
- Up To 108 x 108 μm Field of View (with 100x Objective)
- Incubation Chamber for Live-Cell Microscopy
- Real-time Super-Resolution preview
- High Throughput Multi-Site Imaging
- Large FOV Intelligent Image Stitching
- FOV Tracking

Specifications

Excitation Lasers: 405, 488, 561, 638 nm

Objectives: 20x air, 60x water, 100x oil

25 Imaging Modes for 2D-, 3D-, and TIRF-SIM

MicroscopeX FINER

MicroscopeX FINER is a versatile image enhancement software designed for fluorescence microscopy applications. It enhances image resolution, contrast, signal-to-noise ratio (SNR), and effectively removes out-of-focus elements. The software provides a comprehensive computational framework, ensuring universal image quality improvement.



Scan the QR code to
book your session

