

## Miltenyi Biotec Seminar

~ Whole Tissue 3D Imaging Using Light Sheet Fluorescence  
Microscope “UltraMicroscope Blaze” and Clearing Technique ~

### Light Sheet Microscopy for Biomedical research

**Date:** Thursday, 28 September 2023

**Time:** 15:00-16:00 [JST]

**Lecturer:** Dr. Bernd Müller-Zülow

(Sales Manager APAC / Export Miltenyi Biotec B.V. & CO. KG)



**Language :** English

**Venue:** Zoom Online Meeting

※ Highspeed LAN/WiFi environment advised for stability

**Registration:**

<https://forms.gle/WLS9RiQT3N8DKTtL6>

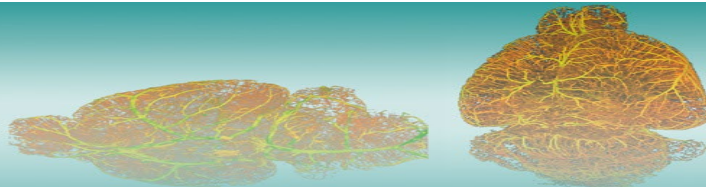
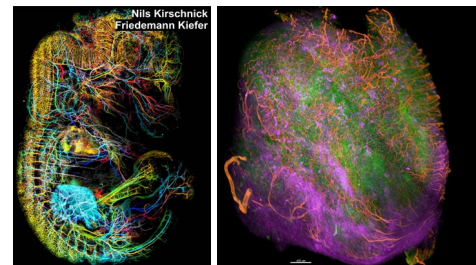
\* Registration required

\* Registration Deadline: Monday, 25 September 2023



ONLINE

*Light Sheet Microscopy together with optical tissue clearing allows the imaging of much larger biomedical samples compared to classical microscopic methods such as confocal or multiphoton microscopy. Samples of several cubic centimeter volume can be optically imaged with cellular and subcellular resolution. Specific cells can be detected at the single cell level or as small ensembles. The presentation will cover the relevant technical developments and adaptations for such experiments.*



SignAC  
Single-Cell  
Genome Information  
Analysis Core



ASHBi  
WPI Kyoto University



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