

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:

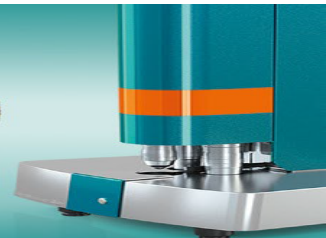
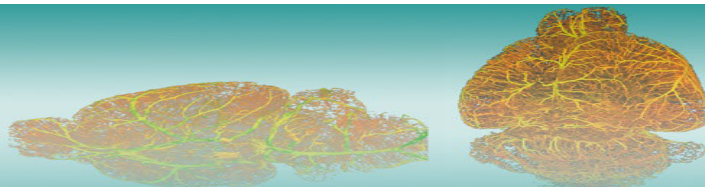
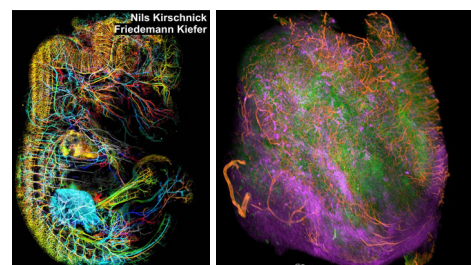
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* Registration required

* Registration Deadline: Monday, 25 September 2023



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.



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