

Workshop Invitation

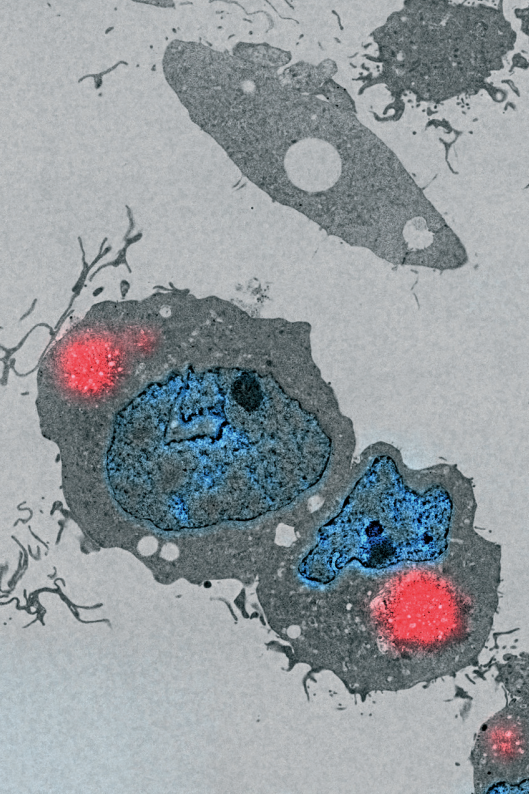
Master Your Multiscale Challenge

Tools and Techniques for 3D Light and
Electron Microscopy

13th February 2017

Wroclaw Center for Biotechnology
University of Wroclaw





Scanning electron microscopes (SEMs) are increasingly used in biomedical research to obtain large volume data of biological samples. With an SEM you are not limited to grid-mounted samples and it is possible to produce hundreds of serial sections and investigate automatically in the SEM. Furthermore, blocks of cells or tissue can be processed directly in the microscope to produce large 3D volumes of pre-selected target areas. Using the latest software, this functionality offers a straightforward integration with other microscopy techniques such as fluorescence, laser scanning, and X-Ray microscopy. Applying these modalities enables you to combine functional and ultra-structural information across length-scales.

Join us for an insight into the applications of instruments and software for automated 3D electron microscopy and correlative imaging techniques.

You are cordially invited to attend our workshop and we look forward to some interesting and inspiring discussions with you!

Please register in advance: www.zeiss.pl/microscopy/workshops

Monday 13th February - Sala 1.03 Budynek Wydziału Biotechnologii

Time	Topic
12:00	Coffee & registration
12:15	Welcome <i>Marcin Szeligiewicz / Wojciech Szczuraszek - ZEISS</i>
12:30	ZEISS EM/XRM Portfolio <i>Wojciech Szczuraszek - ZEISS</i>
13:00	Confocal Imaging beyond the limits: New insights into Superresolution and speed <i>Dr. Franziska Klein - ZEISS</i>
13:30	Coffee Break
13:45	Fundamentals of Bio SEM Imaging <i>Dr. Herbert Pavlicek - ZEISS</i>
14:15	Correlative Light, X-Ray and Electron-Microscopy <i>Dr. Joerg Lindenau - ZEISS</i>
14:45	Approaches to 3D Volume SEM <i>Dr. Joerg Lindenau - ZEISS</i>
15:15	Versatility of the Cross-Beam Launched to Novel Levels of Surface Analysis – Life Sciences. <i>Dr. n. med. Marek Drab - Wrocławskie Centrum Biotechnologii</i>
15:45	Finish



Date:

13th February 2017

Location:**sala 1.03 Budynek Wydziału Biotechnologii**

Wrocławskie Centrum Biotechnologii

Krajowy Naukowy Ośrodek Wiodący na lata 2014-2018

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