

LOCATION

Jena University Hospital



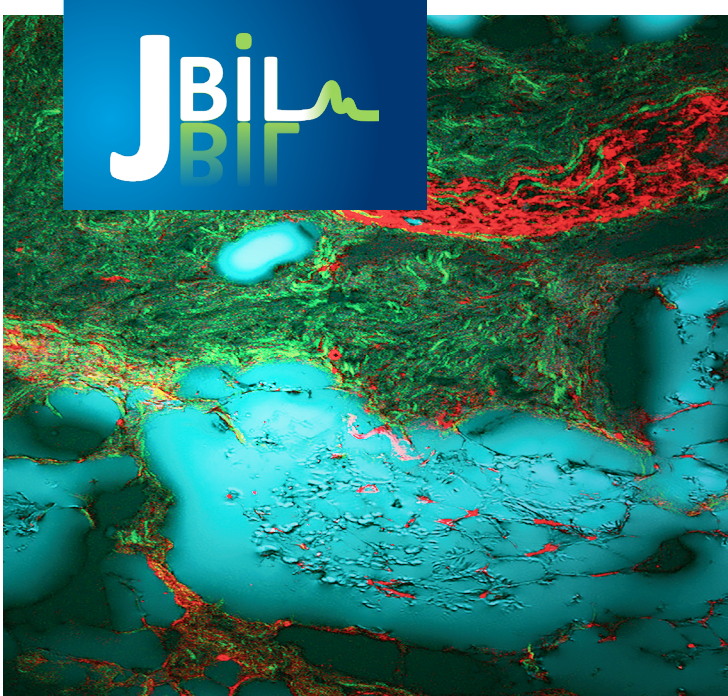
VENUE

Jena University Hospital

Am Klinikum 1

Building F2

Seminarraum 10



JBIL-SYMPOSIUM

"EXPERIMENTAL IMAGING IN JENA"

JUNE 18 – JUNE 19 2018

Jena University Hospital // Jena

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JBIL-SYMPOSIUM "EXPERIMENTAL IMAGING IN JENA"

Jena University Hospital // Am Klinikum 1 //
Building F5 // Laborzentrum Lobeda // Konferenzraum

The **Jena Biophotonics and Imaging Laboratory (JBIL)** invites physicians and scientists with research interests in imaging solutions for biological and medical questions to a symposium on "Experimental Imaging in Jena". This event aims at providing an overview about available imaging techniques in Jena, their strengths and drawbacks as well as requirements for sample preparation. In addition, some current research activities using imaging strategies are introduced.

MONDAY, JUNE 18, 2018

1:00 pm **Spectroscopic Techniques at the Leibniz IPHT** //
Prof. Dr. Jürgen Popp

1:30 pm **Image-based Systems Biology: From Images to Numbers** // Prof. Dr. Thilo Figge

2:00 pm ***In vivo* imaging of liver functions – How to see in the Dark?** // Prof. Dr. Michael Bauer

2:30 pm ***In vivo* Bioluminescence Imaging in Animal Experiments** // Sven Rudolphi

3:00 PM COFFEE BREAK

3:30 pm **MRT Forschungszentrum** // Dr. Karl-Heinz Herrmann

4:00 pm **Scrutinizing Membrane Receptor Function** //
Prof. Dr. Klaus Benndorf

4:30 pm **Quantitative Fluorescence Microscopy** //
Prof. Dr. Christoph Biskup

5:00 pm **Super-resolution Microscopy: Prospects for Biomedical Studies** //
Prof. Dr. Christian Eggeling

TUESDAY, JUNE 19, 2018

1:00 pm **Introduction of the Core Unit Biophotonics of the CSCC** // Prof. Dr. Ute Neugebauer

1:15 pm **Single-molecule Microscopy** //
Prof. Dr. Michael Börsch

1:45 pm **Imaging and functional analysis of central synapses** //
Prof. Dr. Christian Geis

2:15 pm **Development of Genetically Encoded Fluorescent Indicators for Live-cell Imaging** //
Prof. Dr. Stefan Heinemann

2:45 pm **Using Light to Investigate Brain Function** //
Prof. Dr. Knut Holthoff

3:15 PM COFFEE BREAK

3:45 pm **Seeing is Believing – The Core Facility Imaging of the FLI** // Dr. Peter Hemmerich

4:15 pm **Imaging Chemical Information and at High Resolution** // Prof. Dr. Rainer Heintzmann

4:45 pm **Electron Microscopy in Medical Research** //
Dr. Sandor Nietzsche

5:15 pm **MALDI Imaging** // Prof. Dr. Ferdinand von Eggeling

The attendance of the symposium is free of charge. Registration via our website www.bil-jena.de will be open until **11th June 2018**.

Ein Antrag auf **Anerkennung als Fortbildungsveranstaltung** für dieses Symposium ist bei der Landärztekammer gestellt.

Eine Teilnahme nur an **einzelnen Tagen** ist möglich.