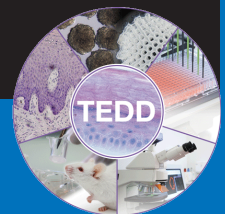




Activities on Microphysiological Systems and 3D Tissue Engineering in the Basel Area

TEDD Visit to the Department of Biosystems Science and Engineering BSSE, ETH Zürich in Basel

11th November 2016



TEDD Visit at D-BSSE

11th November 2016

The BioEngineering Laboratory (BEL) within the Department of Biosystem Science and Engineering (D-BSSE) host the next TEDD visit to highlight the combined effort of the Basel area in the field of microphysiological systems and 3D tissue engineering by presenting research from FMI, University of Basel, FHNW and D-BSSE

It is our pleasure to invite you to visit ETH Zürich in Basel for an afternoon of talks to learn about microphysiological system and 3D tissue engineering – related research and innovation. You will also have the chance to visit laboratories of the Department of Biosystems Science and Engineering

The event is free of charge and priority will be given to TEDD partners. Please register until the 7th of November, using the following link: <http://tinyurl.com/h9zb7ef>

About TEDD

The TEDD Competence Centre is a collaborative innovation platform, dedicated to 3D cell culture technology and organ-like tissue models for drug development, substance testing, personalized and regenerative medicine. The network pools and transfers knowledge and technologies in order to promote the further development and routine application of 3D cell culture. By combining diverse skills through integrative cooperation among our academic, clinical and industrial partners, TEDD covers the entire development and value chain and forms a powerful and successful network

Program

- 11.00 Uhr Lab Tours at D-BSSE**
- 12.00 Uhr Networking Lunch**
- 13.00 Uhr Opening of the Meeting**
Dr. Michael Raghunath, Head of TEDD Competence Centre,
Zurich University of Applied Sciences (ZHAW)
- 13.15 Uhr Microtissues meet Microfluidics: Integrated Culturing Platforms for 3D Tissue Culturing, Analysis and Interaction**
Dr. Olivier Frey and co-workers, D-BSSE, ETH Zürich
- 14.00 Uhr Engineering organotypic 3D cell culture models**
Prof. Dr. Ivan Martin, Department of Biomedicine, University
Hospital Basel
- 14.30 Uhr Long-Term Single Cell Quantification: New Tools for Old Questions**
Prof. Dr. Timm Schroeder, D-BSSE, ETH Zürich
- 15.00 Uhr Coffee Break**
- 15.30 Uhr Spatio-Temporal Organization of Organoids Development**
Prof. Dr. Prisca Liberali, Friedrich Miescher Institute, Basel
- 16.00 Uhr Engineering Human Retinal Organoids to Understand Mechanisms of Genetic Diseases of the Retina**
Dr. Jacek Krol, Friedrich Miescher Institute, Basel
- 16.30 Uhr Liver in a Dish for Drug Discovery Applications**
Prof. Dr. Laura Suter-Dick, University of Applied Sciences and
Arts Northwestern Switzerland
- 17.00 Uhr Networking Aperó**

