



**TEDD Competence Centre
Tissue Engineering for Drug
Development and Substance
Testing**

TEDD Annual Meeting

With 3D Bioprinting Workshop

8th - 9th November 2017

Campus Reidbach, Wädenswil, Switzerland

Campus Grüental, Wädenswil, Switzerland

www.zhaw.ch/icbt/tedd

Zurich University
of Applied Sciences



**Life Sciences and
Facility Management**

**Institute of
Chemistry and Biotechnology**



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Bioprinting – where to go?

This year's TEDD Annual Meeting is dedicated to the field of bioprinting. The technology is expected to change the way we engineer tissues and bring it to a new level of physiological relevance. This will have an impact on drug development and substance testing, as well as clinical research and personalized medicine. We will hear about the latest developments of bioprinting in basic and applied research, as well as industrial applications. What are the benefits of bioprinting compared to standard tissue engineering approaches and where do we see a real added value?

As usual, there will be an exhibition over lunch time, where industrial partners will present their latest technologies and ideas. This platform will enable discussions, collaborations and the generation of new network projects.

This time, a workshop on bioprinting will precede the TEDD AM. Here, the two companies regenHU and CellINK will demonstrate their applications and collaborations.



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Program – Bioprinting Workshop

Wednesday, 8 November 2017

- 13:00** **Registration and Welcome Coffee (RT 505)**
- 13:30** **Welcome address (RT 505)**
*Dr. Markus Rimann, Groupleader, 3D Tissues and Biofabrication,
Zurich University of Applied Sciences (ZHAW), Switzerland*
- 13:45** **Company presentations (RT 505)**
- *regenHU Ltd.*
 - *CellINK*
- Transfer to the laboratories*
- 14:30** **Lab presentation (part 1)**
Group 1: regenHU Ltd.
Group 2: CellINK
- 15:30** **Lab presentation (part 2)**
Group 1: CellINK
Group 2: regenHU Ltd.
- 16:30** **Apéro and networking (Mensa, 5th floor)**



Program – Symposium

Thursday, 9 November 2017

- 9:00 Registration and Welcome Coffee**
- 9:30 Welcome address**
ZHAW representative, Zurich University of Applied Sciences (ZHAW), Switzerland
- 9:35 Opening of the Meeting**
Prof. Dr. Michael Raghunath, Head of TEDD Competence Centre, Zurich University of Applied Sciences (ZHAW), Switzerland
- 9:45 Bioprinting for drug development**
Dr. Markus Rimann Groupleader, 3D Tissues and Biofabrication, Zurich University of Applied Sciences (ZHAW), Switzerland
- 10:15 Title TBC**
Prof. Dr. Nicanor I. Moldovan, Director, 3D Bioprinting Core at IUSM/IUPUI, Indianapolis, IN, USA
- 11:00 Title TBC**
Philipp Fisch, PhD candidate, Tissue Engineering and Biofabrication, ETH Zurich, Switzerland
- 11:30 Promises and future of Bioprinting technic in cosmetic evaluation**
Dr. Maité Rielland, Advanced Research Engineer, Methods and Predictive Models, L'ORÉAL Research & Innovation, France
- 12:00 Networking lunch & exhibition**



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- 14:00 **Title TBC**
Prof. Dr. Daniel Kelly, Director, Trinity Centre for Bioengineering, Trinity College Dublin, The University of Dublin, Ireland
- 14:45 ***Bioprinted Tissue Models for Investigative Toxicology***
Dr. Annie Moisan, Laboratory Head, Mechanistic Safety, Pharmaceutical Sciences, Roche Innovation Center Basel, Switzerland
- 15:15 **Macromolecular Crowding of Hydrogels - a possible past printing Strategy?**
Prof. Dr. Michael Raghunath, Director, TEDD Competence Centre, Zurich University of Applied Sciences (ZHAW), Switzerland
- 15:45 **Title TBC**
Dr. Gabor Csucs, Technical Director, Light Microscopy and Screening at Scientific Center for Optical and Electron Microscopy (ScopeM), ETH Zurich, Switzerland
- 16:15 **Final remarks and TEDD next steps**
Prof. Dr. Michael Raghunath, Head of TEDD Competence Centre, Zurich University of Applied Sciences (ZHAW), Switzerland
- 16:40 **Aperitif and networking**



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Further Details

Locations at ZHAW

3D Bioprinting Workshop:

Campus Reidbach, RT 505 & laboratories, 8820 Wädenswil

TEDD Annual Meeting Symposium:

Campus Grüental, GA 203 & Kalthaus GC 181, 8820 Wädenswil

Costs

3D Bioprinting Workshop:

All participants: CHF 55.-

TEDD Annual Meeting Symposium:

TEDD partners: No entrance fee

Others: CHF 120.-

Students: CHF 60.-

Registration

www.zhaw.ch/icbt/tedd

Deadline 27th October 2017