

Zurich University
of Applied Sciences

zhaw

**Life Sciences and
Facility Management**

Institute of
Chemistry and Biotechnology

8th - 9th November 2017

TEDD Annual Meeting

With 3D Bioprinting Workshop

TEDD Competence Centre Tissue Engineering for
Drug Development and Substance Testing

Campus Reidbach and Campus Grüental,
Wädenswil, Switzerland

www.zhaw.ch/ichbt/tedd

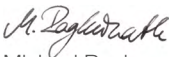
Bioprinting – where to go?

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 on 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 will be an excellent opportunity for discussions and to forge new collaborations and 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.

We look forward to seeing you in Wädenswil,
best regards,



Michael Raghunath
Director, TEDD Competence
Centre



Markus Rimann
Group Leader, 3D Tissues
and Biofabrication

SWISS+
BIOTECH™
National Thematic Network



Wednesday, 8th November 2017

Bioprinting Workshop

13.00	Registration and Welcome Coffee (RT 505)
13.30	Welcome address (RT 505) Dr. Markus Rimann, Group Leader, 3D Tissues and Bio-fabrication, Zurich University of Applied Sciences, ZHAW, Switzerland
13.45	Company presentations (RT 505) <ul style="list-style-type: none">• regenHU Ltd.• CELLINK <i>Transfer to the laboratories</i>
14.30	Lab presentation (part 1) <ul style="list-style-type: none">• Group 1: regenHU Ltd.• Group 2: CELLINK
15.30	Lab presentation (part 2) <ul style="list-style-type: none">• Group 2: regenHU Ltd.• Group 1: CELLINK
16.30	Aperitif and networking (Mensa, 5th floor)

Thursday, 9th November 2017

TEDD Annual Meeting

09.00	Registration and Welcome Coffee
09.30	Welcome address Prof. Dr. Daniel Baumann, Deputy Dean School of Life Sciences and Facility Management, ZHAW, Switzerland
09.35	Opening of the meeting Prof. Dr. Michael Raghunath, Head of TEDD Competence Centre, Zurich University of Applied Sciences, ZHAW, Switzerland
09.45	Bioprinting for drug development Dr. Markus Rimann Group Leader, 3D Tissues and Bio-fabrication, Zurich University of Applied Sciences, ZHAW, Switzerland
10.15	It takes two to tango: The promises of hybrid 3D bioprinting Prof. Dr. Nicanor I. Moldovan, Director, 3D Bioprinting Core at IUSM/IUPUI, Indianapolis, IN, USA
11.00	Advances in bioink development and bioprinting techniques Philipp Fisch, PhD candidate, Tissue Engineering and Biofabrication, ETH Zurich, Switzerland

11.30	Promises and future of bioprinting technique in cosmetic evaluation Dr. Maïté Rielland, Advanced Research Engineer, Methods and Predictive Models, L'ORÉAL Research & Innovation, France
12.00	Networking lunch & exhibition
14.00	Bioprinting for bone and joint regeneration Prof. Dr. Daniel Kelly, Director, Trinity Centre for Bioengineering, Trinity College Dublin, The University of Dublin, Ireland
14.45	Developing hydrogels for 3D bioprinting Dr. Laura Goldie, R&D Coordinator, Biogelx Ltd., United Kingdom
15.15	Macromolecular crowding of hydrogels – a possible post-printing strategy? Prof. Dr. Michael Raghunath, Director, TEDD Competence Centre, Zurich University of Applied Sciences, ZHAW, Switzerland
15.45	Light Microscopy of 3D Specimen Dr. Gábor Csúcs, 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
16.30	Aperitif and networking
