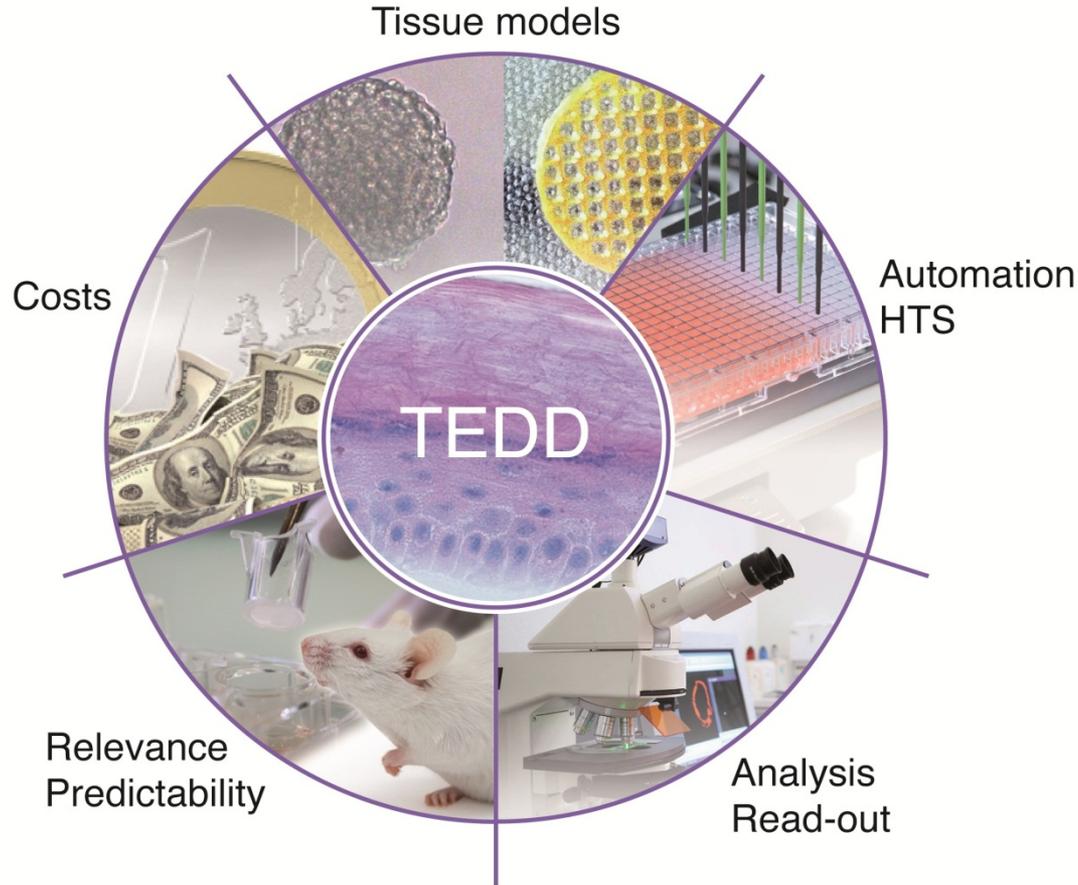
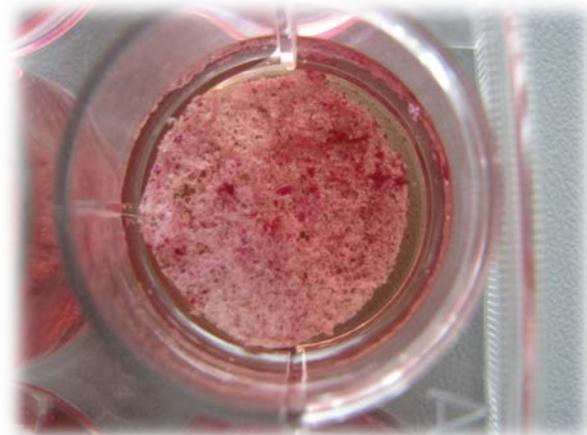
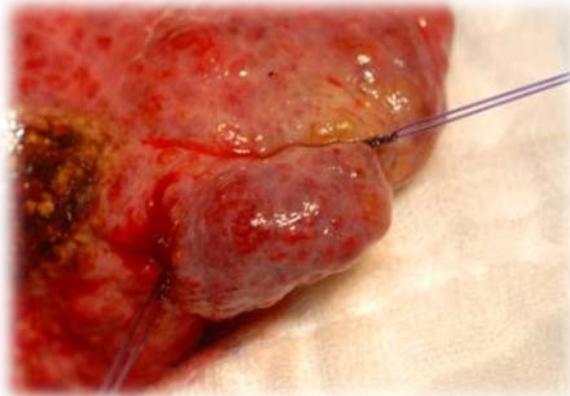


Competence Centre Tissue Engineering for Drug Development

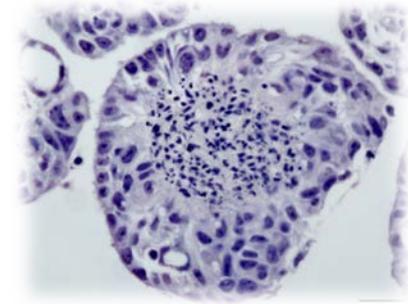


What is TEDD

- Established 2011 by ZHAW and InSphero AG
- Combines research and industry
- Promotes development and implementation of **3D cell culture** for
 - Substance and toxicity testing
 - Drug development
 - Regenerative and personalized medicine
 - Basic research as reliable tool



The vision



TEDD pools and transfers knowledge and technologies

Bundling of competencies and expertise

Using the potential to achieve maximum benefit and success



- Implementation of this key technology
- Strengthening Switzerland and Europe as location of industry
- International recognition

Activities to reach the goal

TEDD organises

- Scientific workshops and symposia
- Visits to companies and research institutes
- Network projects
- Publications
- Proposals for research grants



CALL FOR PAPERS

25 – 27 June 2014
Konzerthaus Freiburg · Germany

3D Cell Culture 2014
Advanced Model Systems,
Applications & Enabling
Technologies

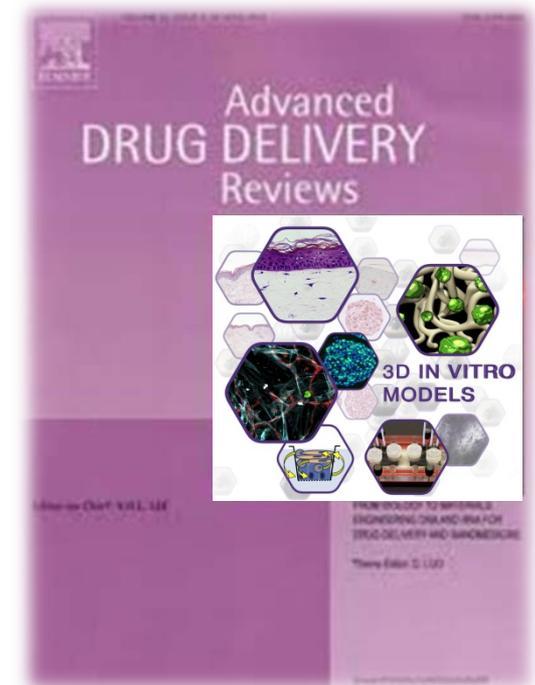
www.dechema.de/3DCC2014

Activities to reach the goal

TEDD organised and coordinated a theme issue in
ADDR - Advanced Drug Delivery Reviews
***"Innovative tissue models for drug discovery
and development"***

Volumes 69-70, Pages 1-270 (April 2014)

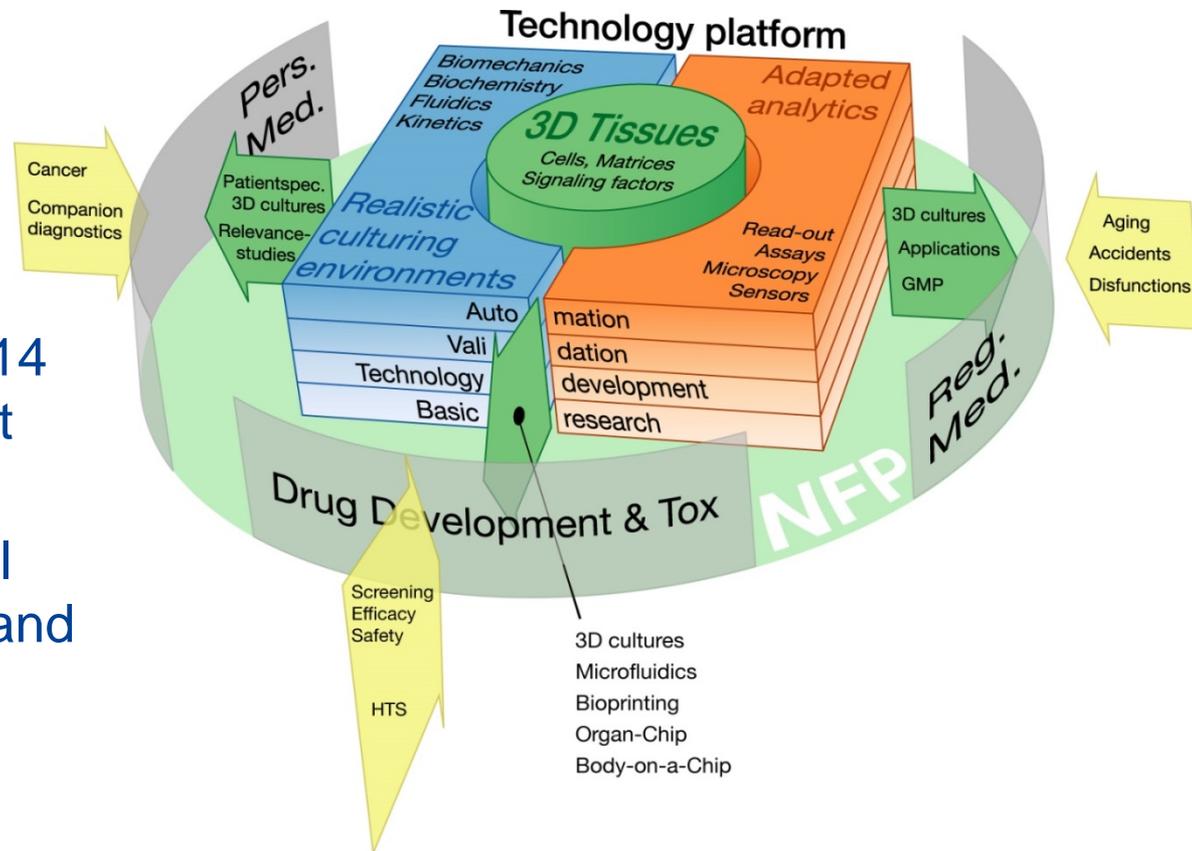
- 19 reviews
- Edited by Ursula Graf-Hausner, Katharina Maniura, Jens Kelm, Matthias Lutolf, Marcus Textor and David Grainger
- Will enhance our international recognition
- Will help to raise money



National Research Program NRP

Goal

- To raise money for research projects
- To bring 3D cell culture to routine application



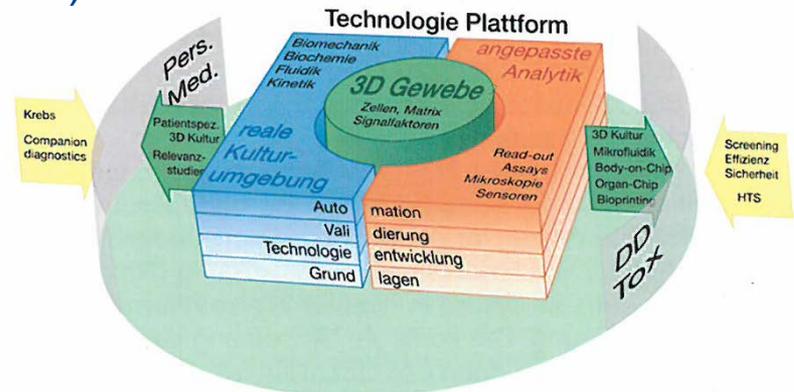
- Submitted Jan. 2014
- We passed the first selection **69** → **6**
- Decision by federal council of Switzerland still pending

Federal project contributions 2017-2020

swissuniversities

We will receive support to conduct innovative projects

- Title: 3D tissue models – new perspective for medicine
- Submitted spring 2014. Project matured on TEDD platform
- Decision by Swiss Higher Education Council (former SUC –Swiss University Conference): Approved June 2015
- Partners: ZHAW (Leading House), University of Fribourg, University of Bern, ETHZ BSSE Basel, Balgrist University Hospital Zurich, HES-SO Sion, Empa St. Gallen.
- Consulting partner for implementation: Hoffmann-La Roche
- CHF 5.3 Mio (50% internal contribution)



Horizon 2020



TEDD community would fit into several calls, e.g.

- PM 11 – 2016+2017 - Cell technology in medical applications [RTD - SME Instrument]
- PM 01B – 2017- New paradigms in patient stratification [RTD]
- PM 02 – 2016 – Diagnostic characterisation of rare diseases.
- HCO 02 – 2016 - Standardisation of pre-analytical and analytical procedures for in vitro diagnostics in personalised medicine [RTD]. Cell biology of human biopsies and cells, processing, standardisation
- PM 07 - 2017 - New therapies for rare diseases
- PM 08 - 2016 - New therapies for chronic diseases

Let's discuss

- Opportunities
- Possible topics
- Existing consortia – can we join?
- New ideas, creating new consortia



Organization of TEDD



- Lead

Ursula Graf-Hausner, Institute of Chemistry and Biological Chemistry, ZHAW

- Steering Committee consists of 5 persons

Ursula Graf, Katharina Maniura, Jens Kelm, Oliver Peter, Christoph Rindlisbacher

- International Advisory Board

Markus Ehrat, Dave Grainger, Uwe Marx, Thomas Singer, Marcus Textor

- biotechnet Switzerland

TEDD belongs to the Tissue Engineering platform of biotechnet



Finances and Funding

Currently TEDD activity is financed by



1. Annual Fee of TEDD partners: CHF 500
80 paying TEDD partners today
2. ZHAW, Institute of Chemistry and Biological Chemistry
salaries 40% assistance, 10% lead
3. Members of Steering Committee and Advisory Board work for free
4. Sponsoring
5. Biotechnet / NTN Swiss Biotech (supported by CTI)
offers seed money for projects, support of events, PR.
CHF ~ 60'000 this year, same amount the last two years



Important requirements

In order to get the money from CTI we have to

1. Get new TEDD partners from academia and industry
2. Initiate more CTI (or other) network projects to achieve maximum technology transfer
3. Identify network projects grown on TEDD platform for the CTI audit in September 2015. Please let me know your projects

Marc on CTI application form

- CTI start-up company** (Phase: CTI-Coach has read application)
- CTI Network (NTN)/Competence Center (SCCER): Swiss Biotech, TEDD**
- Continuation of Innovation Cheque No:**

Upcoming Events 2015 and 2016

➤ Published on TEDD homepage www.icbc.zhaw.ch/tedd



TEDD Annual Meeting

ZHAW Wädenswil

October
22nd 2015

Safe the date

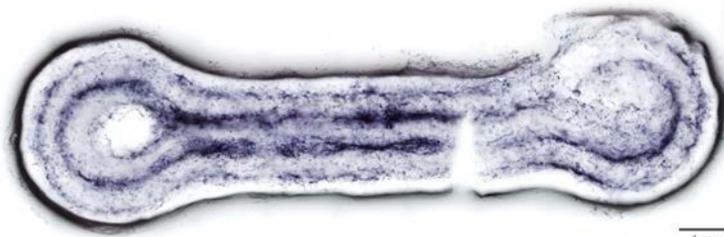


Olten Meeting Biotechnet / NTN Swiss Biotech

November
18th 2015

Olten

- 2 sessions
- 3D Bioprinting
 - Antibiotics



Workshop

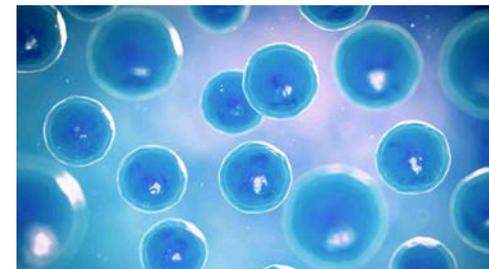
Cell Therapy and Tissue Engineering in Ticino

Our TEDD partners from Ticino will organize an interesting meeting with talks and lab tour in Ticino



University of Applied Sciences and Arts
of Southern Switzerland

SUPSI



Symposium 3D cell culture

April
18-21 2016

Konzerthaus Freiburg / Breisgau, Germany

3D Cell Culture 2016
How close to 'in vivo' can we get?
Models, Applications & Translation

www.dechema.de/3DCC2016

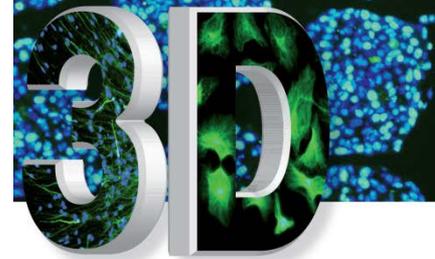


ANNOUNCEMENT

18 – 21 April 2016
Konzerthaus Freiburg - Germany

3D Cell Culture 2016
How close to 'in vivo' can we get?
Models, Applications & Translation

www.dechema.de/3DCC2016



IN COOPERATION WITH



Join us as TEDD Partner

- They cover the whole value chain
basic, clinical and applied research, technology companies,
Pharma, Medtech, cosmetic industries, associations and clusters
- They have access to all activities and benefit from reduced prices
- They benefit from scientific exchange, knowledge transfer and contacts
- They participate in technology transfer and network projects

biotechnet / NTN Swiss Biotech help to start network projects with seed money

