

Welcome to Würzburg!

BIOFABRICATION 2018 WÜRZBURG



Bildmaterial: (c) Prof. P. D. Dalton

Goldsponsor: SunP Biotech, Cellink

Bronzesponsor: SFB / TRR 225 "Biofabrication", EFRE Projekt
"Bio3D Druck", Bavarian Polymer Institute

Lunchsymposium: SFB / TRR 225 "Biofabrication"

Sponsor: RegenHU Ltd., IOP, Miltenyi Biotec GmbH, Poietis, Exakt,
GeSim mbH, Nanosurf GmbH, Dunn Labortechnik GmbH

Information and Registration via
www.biofabrication2018.org

Organizational Issues

Date

28th October – 31st October 2018
28th 2:00-7:00 p.m. board meetings;
6:00-9:00 p.m. registration and get together
Scientific programm starts 29th 8:30 a.m.

Venue

Congress Center Würzburg
Pleichertorstraße, 97070 Würzburg

Gala dinner

Dinner will commence with a champagne reception in the world cultural heritage residence palace, followed by a guided tour through the historic wine cellar where dinner will be served, including a wine tasting.

Conference Chair

Jürgen Groll
Dept. for Functional Materials in Medicine and Dentistry
University Hospital Würzburg
Pleicherwall 2, 97070 Würzburg

Registration Fee

Please register via www.biofabrication2018.org

	By August 15	By September 15	Onsite
Regular Delegates	500 €	550 €	600 €
Students	350 €	400 €	400 €

Meeting Organization and Industrial Exhibition

Yvonne Bodden
medical event solutions GmbH
www.mes-berlin.com

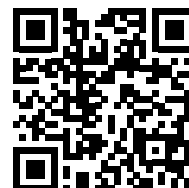
Scientific Organization

Department for Functional Materials in Medicine and Dentistry
in collaboration with the International Society for Biofabrication
www.biofabricationsociety.org | www.biofabrication2018.org
biofabrication2018@fmz.uni-wuerzburg.de

Information and Registration via
www.biofabrication2018.org



Annual Meeting of the
International Society for Biofabrication



Jürgen Groll

Department for Functional
Materials in Medicine and Dentistry
University of Würzburg



Welcome

On behalf of the scientific committee, I would like to invite you to participate in the Annual Conference of the International Society for Biofabrication (ISBF) that will be held in Würzburg, Germany, on 28-31 October, 2018.

The objective of this conference is to provide a broad communication platform for this multi-disciplinary community to enable researchers, clinicians and industry participants to exchange and disseminate the recent scientific discoveries, research activities and developments as well as emerging trends and applications in the field of Biofabrication. Broad plenary lectures will be complemented by more focused keynotes and topical sessions as well as special sessions organized by young researchers for industrial application and translation. Furthermore, biofabrication research in Germany will be presented, including a recently initiated large scale national collaborative research center dedicated to Biofabrication.

Würzburg is located in the heart of Europe, an 80-minute direct train ride away from Frankfurt airport, with direct flights to all major airports in Europe, the US and Asia. It is a historic city with rich culture and the famous residence palace, a UNESCO world cultural heritage and one of the most important Baroque palaces in Europe. Enjoy scientific discussion in this unique flair accompanied by the famous local wine.

Main Topics

- Fabrication technologies and bioinks
- Biofabricated tissues / organs and on-chip applications
- Evaluation, characterization, and quality control for biofabrication
- In-vivo assessment and translation of biofabrication
- Biofabrication from the perspective of industrial applications
- Interaction of other research fields with biofabrication

Confirmed Plenary Speakers – topics of the presentations

- Prof. Dr. Jason Burdick - Design and Development of Bioinks
- Prof. Dr. Brian Derby - Biofabrication: An overview of the field
- Prof. Dr. Matthias Lutolf - Hydrogels for Organoid culture and their potential for Biofabrication
- Prof. Dr. Fiona Wood - Translational Aspects and Opportunities

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Confirmed Keynote Speakers – topics of the presentations

- **Prof. Dr. Paul Gatenholm** - 3D Bioprinting with stem cells. Translation to clinic.
- **Assoc. Prof. Dr. Sarah Heilshorn** - Tailored physical hydrogel bioinks
- **Prof. Dr. Monica Laronda** - 3D printed functional ovary for oncofertility
- **Prof. Dr. Ir. Jos Malda** - Osteochondral Bioprinting
- **Prof. Dr. Vladimir Mironov** - Cell spheroids as building blocks for organ printing
- **Prof. Dr. Koichi Nakayama** - Bioassembly of cell spheroids: moving towards the clinic
- **Prof. Dr. Heungsoo Shin** - Engineering 3D spheroids for tissue engineering
- **Prof. Dr. Wojciech Świążkowski** - In-vitro and in-vivo evaluation of Bioprinting
- **Prof. Dr. Tim Woodfield** - Convergence of Additive Manufacturing and spheroid assembly
- **Prof. Dr. James Yoo** - Translational Biofabrication
- **Prof. Dr. Gordon Wallace** - 3D bioprinting customised structures need customised printers
- **Dr. Fabien Guillemot** - About translation into clinics of tissue
- **Prof. Dr. Gabor Forgacs** - Bioprinting: Applications in Pharmaceuticals, Therapeutics and more

Special invited session “Biofabrication in Germany”

- **Prof. Dr. Boris Chichkov**
- **Prof. Dr. Peter Koltay**
- **Prof. Dr. Michael Gelinsky**
- **Prof. Dr. Aldo Boccaccini**
- **Prof. Dr. Horst Fischer**
- **Prof. Dr. Leonid Ionov**

Special session presenting the Collaborative Research Center TRR225 „From the fundamentals of Biofabrication to functional tissue models“