

# International Symposium for Additive Biomanufacturing and Regenerative Medicine

**December 16–17, 2015** | TUM Institute for Advanced Study | Lichtenbergstr. 2a | 85748 Garching

In order to progress beyond the state of the art of medical devices and implants, the concept of tissue engineering has moved into the center of biomedical research worldwide. The aim of this approach is not to replace damaged tissue with an implant or device but rather to prompt the patient's own tissue to enact a regenerative response by using a tissue-engineered construct to assemble new functional and healthy tissue. More recently, it was advocated that the combination of additive biomanufacturing and a translational tissue engineering tool box has the potential to enhance personalized medicine not only from a regenerative medicine perspective yet also to provide frontier technologies for building and transforming the research landscape in the field of in vitro and in vivo disease models.

## Organizing Committee:

**Dietmar W. Hutmacher**

Queensland University of Technology &  
Hans Fischer Senior Fellow, TUM-IAS

**Arndt F. Schilling**

TUM Clinic for Plastic Surgery and Hand Surgery

**Jan-Thorsten Schantz**

TUM Clinic for Plastic Surgery and Hand Surgery

**Mohit Chhaya**

Queensland University of Technology

**Elizabeth Rosado Balmayor**

TUM Clinic for Plastic Surgery and Hand Surgery

## Invited Speakers:

**Dirk Busch** TUM

**Mohit Chhaya** Queensland University of Technology

**Utkan Demirci** Stanford University

**Michael Friebe** Otto von Guericke University Magdeburg  
& Rudolf Diesel Industry Fellow, TUM-IAS

**Martijn van Griensven** TUM

**Robert E. Guldberg** Georgia Institute of Technology

**Charlotte A. E. Hauser** King Abdullah University of Science  
and Technology

**Charles J. Kirkpatrick** Johannes Gutenberg University Mainz

**Alvaro Mata** Queen Mary University of London

**Katja Schenke-Layland** University Hospital Tübingen

Registration: [www.tum-ias.de/additivebiomanufacturing2015](http://www.tum-ias.de/additivebiomanufacturing2015)