

# Call for Abstract

Hangzhou International conference on Biomaterials , Bio-Design and Manufacturing (BDMC 2018)  
EU H2020 BAMOS Project 2018 meeting  
August 26-28, 2018, Hangzhou, China

SUPPORTED BY NATIONAL NATURE SCIENCE FOUNDATION OF CHINA

BDMC 2018 is organized by Zhejiang University and the journal of Bio-Design and Manufacturing and co-organized by the BAMOS (Biomaterials and Additive Manufacturing: Osteochondral Scaffold innovation) project. The BDMC 2018 conference focus on novel research, novel technology and novel applications in the flourishing developing interdisciplinary field of biomanufacturing, especially 3D bioprinting. The BAMOS project is funded under the Research and Innovation Staff Exchanges (RISE) action (H2020 Marie Skłodowska-Curie actions), which supports short-term mobility of research. It mainly develop new materials and additive manufacturing technologies for the fabrication of custom-tailored osteochondral scaffolds.

## Topics of interest:

- ① Novel additive manufacturing mechatronic systems, in particular, 3D bioprinting platforms
- ② Biomaterials and formulation of novel "bioinks" for tissue-specific applications
- ③ Engineering tissues and organs in vitro and in vivo
- ④ Design and fabrication of organ-on-a-chip, disease models, bioreactors, and medical and diagnostic devices
- ⑤ Design of therapeutic products, cellular products, and macromolecular products



Hangzhou

A rapid developing international metropolis locates in the southeast of China full of splendid culture and beautiful legends. In 2016 the successfully holding of G20 Summit made it famous worldwide.



Conference Venue

Hangzhou International Expo Center is on the south bank of Qiantang River. G20 Hangzhou Summit was held here. It provides superior expectations for the creative operation of exhibition venues.



Zhejiang University

Top university in China. It hosted NSFC biomanufacturing summit forum last year, 60 top experts from different disciplines gathered to depict the future blueprint of biomanufacturing in China.

## Plenary Speakers



Dr. Huayong Yang

Chair, BDMC 2018  
Academician, Chinese Academy of Engineering  
Professor, Zhejiang University, P.R. China



Dr. Zhanfeng Cui

Co-Chair, BDMC 2018  
Fellow, Royal Academy of Engineering, UK  
Professor, University of Oxford



Dr. Ali Khademhosseini

Levi Knight Professor,  
University of California, Los Angeles (UCLA)  
Former Professor, Harvard Medical School



Dr. James J. Yoo

Professor, Institute for Regenerative Medicine,  
Office of Women in Medicine and Science,  
Wake Forest School of Medicine

## Keynote Speakers (more keynote speakers are to be confirmed)



Dr. Wei Sun



Dr. Jeroen Bergmann



Dr. Tong Cao



Dr. Mario Monzon



Dr. Jiankang He



Dr. Joaquim M. Oliveira



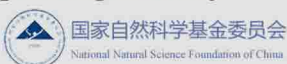
Dr. Jinwu Wang



Dr. Chaozong Liu



## Supervising Authority



## Co-organizers



## Keydate

Deadline for abstract submission.....June 30,2018  
Conference date.....Aug 26-28, 2018  
Full text submission deadline.....Nov 1, 2018

## Organizers



## Sponsors



BDMC2018 website : [www.bdmconference.org](http://www.bdmconference.org)  
BAMOS homepage : [www.risebamos.eu](http://www.risebamos.eu)  
Secretariat : [info@bdmconference.org](mailto:info@bdmconference.org)



WeChat : BDMConference

We look forward to seeing you in Hangzhou in August !