

3rd International Conference on Bioinspired and Zwitterionic Materials (ICBZM 2017)



Date: October 18-20, 2017
Place: Tokyo, Japan

Understanding the sophisticated functionalities offered by objects and processes found in nature will guide the design of materials with desirable properties to meet challenging applications. Zwitterionic materials, inspired by cell membranes and proteins, are excellent examples of bioinspired materials and have emerged as a new class of biomaterials. ICBZM 2017 aims to capture the excitement of this emerging field.

This conference will focus on zwitterionic materials as polymers, hybrids and molecular assemblies. The purposes are to update latest developments in zwitterionic materials and identify challenges and opportunities in biomaterials.

The conference will provide an excellent opportunity for researchers from different fields in biomaterials, polymers, chemistry and bioengineering to discuss recent advances, share innovative ideas, and promote international collaborations.

Topics

- Bioinspired materials, zwitterionic polymer materials, and supramolecules
- Synthesis and assembly with the bioinspired materials
- Fabrication and functionality of bioinspired hydrogels and nanoparticles
- Applications in medical devices, sensors and scaffolds for tissue regeneration
- Applications in nanomedicine and nanodiagnostics
- Applications in marine, membrane and energy systems

Venue:
The Takeda Hall
The University of Tokyo
Hongo-campus, Tokyo, Japan



Organizers:
Kazuhiko Ishihara (Univ Tokyo)
Yasuhiko Iwasaki (Kansai Univ)

Organization Committee:
Shin-ichi Yusa (Univ Hyogo)
Tomohiro Konno (Univ Tokyo)
Yuuki Inoue (Univ Tokyo)
Tatsuro Goda (Tokyo Med Dent Univ)
Ji-Hun Seo (Korea Univ)
Xiaojie Lin (Univ Washington)
Kyoko Fukazawa (Univ Tokyo)

International Organization Committee:
Jian Ji (Zhejiang University) China
Shaoyi Jiang (Univ Washington) USA
Yung Chang (Chung Yuan Univ) Taiwan



The University of Tokyo was established in 1877 as the first national university in Japan. As a leading research university, UT offers courses in essentially all academic disciplines at both undergraduate and graduate levels and conducts research across the full spectrum of academic activity. The UT locates the center of Tokyo and is accessed easily by from any stations of Tokyo Metro. There are many historical and cultural places around the UT Hongo-campus.

(<http://www.u-tokyo.ac.jp/content/400020133.pdf>)
 (<http://www.u-tokyo.ac.jp/content/400020145.pdf>)

Temporary schedule:

October 18(Wed), 2017
 Opening ceremony (start afternoon)
 Plenary lecture
 Welcome reception

October 19(Thu), 2017
 Scientific session
 Invited presentation
 Oral presentation
 Poster session
 Banquet

October 20(Fri), 2017
 Scientific session
 Invited presentation
 Oral presentation
 Poster session
 Closing ceremony (finish evening)

Abstract submission and registration:

WEB-site open: September, 2016

Abstract submission: July 1, 2017
 Abstract acceptance: July 15, 2017

Registration open: April 1, 2017
 Early registration deadline: August 20, 2017

Poster presentation Award:

In order to encourage young researchers, it will provide a poster award. The award will be selected from submitted posters presenters, who is less than 35 years old.

Previous Conference:

1st ICBZM 2013 (December 1-3, 2013
 Zhejiang University, Hangzhou, P.R. China)
 (<http://polymer.zju.edu.cn/icbzm2013/>)

2nd ICBZM 2015 (August 13-14, 2015
 University of Washington, Seattle, USA)
 (<http://depts.washington.edu/jgroup/ICBZM/overview.html>)

Conference Website

<http://www.mpc.t.u-tokyo.ac.jp/icbzm2017/>

Secretariat office

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