

UC San Diego | Kyoto University - KSAC Joint Research Symposium on Biomaterials and Biointerfaces

AGENDA

Tuesday, October 10

8:00-9:00 AM Breakfast & Check-In
9:00-9:40 AM Welcome Session

Session 1 - Regenerative Medicine and Tissue Scaffolds

9:40-10:00 AM Karen Christman, UC San Diego
10:05-10:25 AM Yasuhiko Tabata, Kyoto University
10:30-10:40 AM Q&A

10:40-11:00 AM Break

Session 2 - Protein Engineering for Supramolecular Systems

11:00-11:20 AM Akif Tezcan, UC San Diego
11:25-11:45 AM Itaru Hamachi, Kyoto University
11:50-12:00 PM Q&A

12:00-1:00 PM Lunch

Session 3 - Biosensing Enabled by Mesoscale Photonics

1:00-1:20 PM Zhaowei Liu, UC San Diego
1:25-1:45 PM Kiyotaka Sasagawa, Nara Institute of Science and Technology
1:50-2:00 PM Q&A

2:00-2:10 PM Break

Session 4 - Harnessing Living Systems for Chemical Synthesis

2:10-2:30 PM Michael Burkart, UC San Diego
2:35-2:55 PM Wataru Aoki, Osaka University
3:00-3:10 PM Q&A

3:10-3:25 PM Break

Session 5 - Nanomaterials Against Infectious Agents

3:25-3:40 PM Joseph Wang, UC San Diego
3:45-4:00 PM Takeshi Ito, Kansai University (Virtual)
4:05-4:15 PM Q&A

4:15-4:25 PM Break

Session 6 - New Directions in Bio-Imaging

4:25-4:40 PM Jesse Jokerst, UC San Diego
4:45-5:00 PM Teruyuki Kondo, Kyoto University (Virtual)
5:05-5:15 PM Q&A

5:15-6:00 PM Reception

Wednesday, October 11

8:00-9:00 AM Breakfast & Check-In
9:00-9:05 AM Welcome Session

Session 1 - Computationally Enabled Materials

9:05-9:25 AM Tod Pascal, UC San Diego
9:30-9:50 AM Hitoshi Washizu, University of Hyogo
9:55-10:05 AM Q&A

10:05-10:25 AM Break

Session 2 - Constructing Artificial Organs and Organoids

10:25-10:45 AM Shaochen Chen, UC San Diego
10:50-11:10 AM Ryuji Yokokawa, Kyoto University
11:15-11:25 AM Q&A

11:25-12:25 PM Lunch

Session 3 - Chemistry of Life

12:25-12:45 PM Neal Devaraj, UC San Diego
12:50-1:10 PM Motonari Uesugi, Kyoto University
1:15-1:25 PM Q&A

1:25-1:35 PM Break

Session 4 - "Wiring up Biology" – Electronic Materials in Living Systems

1:35-1:50 PM Jon Pokorski, UC San Diego
1:55-2:10 PM Hiroshi Shiigi, Osaka Metropolitan University (Virtual)
2:15-2:25 PM Q&A

2:25-2:30 PM Break

Session 5 - Manipulation of Biological Cells

2:30-2:45 PM Padmini Rangamani, UC San Diego
2:50-3:05 PM Masato Suzuki, University of Hyogo (Virtual)
3:10-3:20 PM Q&A

3:20-3:50 PM Breakout Groups & Refreshments

3:50-4:20 PM Discussion & Outbriefs from Breakout Groups