

The 4th Australia-Belgium-Japan joint **online open symposium** on excitonics and cellular communication



Date: **2021 October 21st and 22nd**
4:00 - 6:00 pm JST for Japan
9:00 -11:00 am CET for Belgium
5:00 - 7:00 pm AEDT for Australia

Venue: Zoom online system

Supported by
ARC Centre of Excellence in Exciton Science
JSPS Core-to-core program A (iC Cubix3)

Program

21st October, 2021

16:00-16:05 Opening remark

16:05-16:35 Susana Rocha (Chemistry Department, KU Leuven, Belgium)
"Synthetic fibrous hydrogels as a platform to decipher cell-matrix mechanoreciprocity"

16:35-17:05 Toby Bell (School of Chemistry, Monash University, Australia)
"Seeing inside the cell: multidisciplinary application of super-resolution microscopy"

17:05-17:35 Mikako Ogawa (Graduate School of Pharmaceutical Sciences, Hokkaido University, Japan)
"New Cancer Therapy Using Photo-induced Aggregation"

17:35-18:00 Yuta Takano (RIES, Hokkaido University, Japan)
"Photofunctional Molecules for Mitochondria-Targeted Cancer Phototherapy"

22nd October 2021

16:00-16:30 James A. Hutchison (School of Chemistry, Melbourne University, Australia)
"Bioinspired Optical Cavities for Strong Light-Matter Interaction"

16:30-17:30 Ken-ichiro Kamei (iCeMS, Kyoto University, Japan)
"Transplantable nano cellular matrices for scaled-up culture of human ES/iPS cells"

17:00-17:30 Fumio Motegi (IGM, Hokkaido University, Japan)
"Imaging of the mechano-chemical feedback in cellular patterning"

17:30-18:00 Farsai Taemaitree, Hitoshi Kasai (IMRAM, Tohoku University)
"Design and fabrication of anticancer nano-prodrugs for the investigation of their intracellular dynamics"

18:00 Closing remark