

Kyoto University / ERATO International Symposium: Chemistry and Plant Biology

March 15, 2022 9:00-16:40
virtual/zoom, Japan Std Time

- Registration <http://enzyme.riken.jp/chemplantbiosympo2022.html>
- Deadline February 25th, 2022 17:00 (JST)



Program

9:00	Opening Remarks	13:00	Poster session
9:10	Prof. Markita Landry (Univ of California, Berkeley) Nanomaterials Enable Delivery of Genetic Material Without Transgene Integration in Mature Plants	14:30	Prof. Shin-ichi Arimura (The University of Tokyo) Targeted base editing for plastid and mitochondrial genomes
9:40	Prof. Daniel J. Cosgrove (Pennsylvania State University) Relating cell wall structure to cell wall mechanical properties: experiments and modeling	15:00	Prof. Kazuki Saito (RIKEN Center for Sustainable Resource Science) Phytochemical genomics - from Arabidopsis and beyond
10:20	Prof. Keiji Numata (ERATO, Kyoto University, RIKEN) Peptide chemistry-mediated plant organellar modifications	15:40	Prof. Taku Demura (Nara Institute of Science and Technology) Plant biomechanics influenced by changes in chemistry of secondary cell walls
10:50	Prof. Yutaka Kodama (ERATO, Utsunomiya University, RIKEN) Molecular and cellular temperature sensing for chloroplast positioning	16:10	Prof. Gregor Anderluh (National Institute of Chemistry, Slovenia) Plant sphingolipid-toxin interactions in microbial pathogenesis
11:20	Photo session & Lunch break	16:40	Closing Remarks