

Food Biotechnology and Bioengineering Division

Systems Biology for Food Biotechnology

Thursday, June 4

▶204

Chair: **Jaeho Cha** (Pusan National University, Korea)

D9-1 10:00-10:40

Keynote Speech: Gut-microbe Symbiosis and Dysbiosis: A View from Drosophila

Won-Jae Lee (Seoul National University, Korea)

D9-2 10:40-11:10

A Pathway Engineering Platform for Lactic Acid Bacteria

Ting Lu (University of Illinois at Urbana-Champaign, USA)

D9-3 11:10-11:35

The Novel Metabolic Pathway of 3,6-Anhydro-L-galactose for Producing Bio-based Products Using Red Macroalgae

Kyoung Heon Kim (Korea University, Korea)

Chair: **Chan Lee** (Chung-Ang University, Korea)

D9-4 11:35-12:05

Genetic Tools for Rapid Profiling of Single Cell Enzyme Activities

Seung-Goo Lee (Korea Research Institute of Bioscience and Biotechnology, Korea)

D9-5 12:05-12:30

Molecular Mechanism of Peroxide Sensing in Bacteria

Nam-Chul Ha (Seoul National University, Korea)