



Creation of Innovation Centers for
Advanced Interdisciplinary Research Areas Program

The 9th International Symposium of Innovative BioProduction Kobe

Date: 1 (thu) - 2 (fri) February, 2018
Place: Kobe University Centennial Hall



1st February

- 13:00 Akihiko Kondo (Kobe University, Japan)
Bio-production of biobased fuels and chemicals:
achievements and perspectives of iBioK
- 13:40 Chang, Matthew Wook
(National University of Singapore, Singapore)
Reprogramming biological functionalities for
autonomous microbial factories and
therapeutics
- 14:20 Jef D. Boeke (NewYork University, USA)
Writing Genomes
- 15:10 Coffee Break
- 15:40 Ken-ichi Yoshida (Kobe University, Japan)
Enzyme secretion in Bacillus subtilis enhanced by
customization of signal peptides
- 16:00 Jan Maarten van Dijl
(University of Groningen, Netherland)
Less is more - Engineering the Bacillus cell
factory for optimized protein production
- 16:40 Virginijus Siksnys
(Vilnius University, Lithuania)
CRISPR-Cas mediated signaling circuit in bacteria
- 17:30 Joshua Dunn
(Ginkgo Bioworks, USA)
Biology by Design
- 18:10 Tsutomu Tanaka
(Kobe University, Japan)
Cell surface and metabolic engineering of
microorganism
- 18:45 Welcome reception and Banquet
(Takikawa Memorial Hall)

2nd February

- 9:30 Magali Remaud-Simeon
(University of Toulouse, France)
Playing with enzyme evolvability in and out
the cell for innovation
- 10:10 Michael D. Lynch
(Duke University, USA)
Next Generation Tools for Rapid
Biomanufacturing
- 10:50 Hal Alper
(University of Texas at Austin, USA)
Optimization, Evolution, and Selection of
Pathways and Metabolism in Yeast
- 11:30 Poster session
- 12:30 Lunch
- 13:30 Chiaki Ogino (Kobe University, Japan)
Diversity of yeast strain: Selection and analysis
of yeasts for chemicals production
- 13:50 Lars K. Nielsen
(The University of Queensland, Australia)
Kinetic Modelling Within our Grasp : New
Strategies For Fitting Accurate Network
Kinetic Models
- 14:30 Christoph Wittmann
(University of Saarlandes, Germany)
Systems metabolic engineering of industrial
microorganisms
- 15:10 Jean-Guy Berrin
(INRA, France)
Lytic oxidative enzymes from fungal biodiversity
as innovative tools for plant (hemi)cellulose
processing
- 15:50 Closing remarks

Symposium fee : Free

Banquet fee : Scholar 8000JPN
Student 5000JPN

Please send your contact address (Your name, affiliation
and e-mail address and participate in the banquet or not)
to following address; ibiok@port.kobe-u.ac.jp

Poster presentation : Please registration the symposium,
and send your poster title and the abstract until December
22.



Innovative Bioproduction KOBE