



Creation of Innovation Centers for
Advanced Interdisciplinary Research Areas Program

The 10th International Symposium of Innovative BioProduction Kobe



Date: 24 (thu) - 25 (fri) January, 2019

Place: Kobe University Centennial Hall

24th January

25th January

13:00 Akihiko Kondo (Kobe University, Japan)
Bio-production of biobased fuels and chemicals:
achievements and perspectives of iBioK

13:40 Christoph Wittmann
(Saarland University, Germany)
Systems metabolic engineering of industrial
microorganisms

14:20 Osker Zelder (BASF, Germany)
Challenges of the BioTech Industry – Growing
with Innovation

15:00 Huimin Zhao
(University of Illinois at Urbana Champaign, USA)
Biosystems Design by Directed Evolution

15:40 Coffee Break

16:10 Irina Borodina
(Technical University of Denmark, Denmark)
Engineered yeast cell factories for production of
high-value chemicals

16:50 Lishan Zhao
(Amyris, USA)
Reducing the Cost and Time for
Biomufacturing

17:30 Kedar Patel
(Genome Engineering, Zymergen, USA)
Applying high-throughput genome engineering
to optimize a variety of microbes for industrial
fermentation

18:30 Welcome reception and Banquet
(Takikawa Memorial Hall)

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 short abstract until December 22

9:30 Keiji Nishida (Kobe University, Japan)
Genome engineering by base editing for
various applications

9:50 Dave Savage
(University of California Berkeley, USA)
High-throughput approaches for engineering
CRISPR-Cas proteins

10:30 Kenji Tsuge (Kobe University, Japan)
Long DNA Foundry at Kobe University

10:50 John I Glass (J.Graig Venter Institute, USA)
Design, Construction, and Analysis of a
Synthetic Minimal Bacterial Cell

11:30 Poster session

12:30 Lunch

13:30 Chenli Liu (Shenzhen Institute of Advanced
Technology, china)
Spatial evolution and its applications

14:10 Jibin Sun (Tenjin Institute of Industrial
Biotechnology, china)
Design or screen? a hybrid and automated
approach for developing cell factories

14:50 Eric Guedon (INRA, France)
Medical and biotechnological applications of
extracellular vesicles

15:30 Ken-ichi Yoshida (Kobe University, Japan)
Engineering conjugation in Gram-positive
bacteria

15:50 Nathalie Guivarch
(University of Tours, France)
Bio-production of pharmaceutical plant
compounds of high value by bioengineering
yeast cells

16:30 Closing remarks

