



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



## 1<sup>st</sup> 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)

### 【参加費】

シンポジウム: 無料  
懇親会: 一般 8,000 円  
学生 5,000 円

### 【参加申込み方法】

参加される方のお名前、ご所属、メールアドレス、  
懇親会参加の有無をご連絡ください。

### 【ポスター発表申込み方法】

シンポジウムに参加登録の上、12月22日までにポス  
ター題目、簡単な要旨、お名前、ご所属をご連絡ください。

## 2<sup>nd</sup> 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

### 同時通訳付

【申込先】  
神戸大学バイオプロダクション次世代農工連携拠点  
事務局(大谷)

E-mail : [ibiok@port.kobe-u.ac.jp](mailto:ibiok@port.kobe-u.ac.jp)  
Tel / Fax : 078-803-6192



Innovative Bioproduction KOBE