



Creation of Innovation Centers for  
Advanced Interdisciplinary Research Areas Program

# The 7th International Symposium of Innovative BioProduction Kobe (iBioK)

Date: 26 (tue) - 27 (wed) January, 2016

Place: Kobe University Centennial Hall

## 26<sup>th</sup> January

- 13:00 Opening remarks
- 13:05 Prof. Akihiko Kondo  
(Kobe University, Japan)
- 13:40 Prof. George Guo-Qiang Chen  
(School of Life Sciences Tsinghua University,  
China)  
Seawater Based Industrial Biotechnology
- 14:20 Prof. Diethard Matanovich  
(University of Natural Resources and Applied  
Life Sciences Vienna, Austria)  
Systems biology based cell design for efficient  
protein production
- 15:00 Coffe Break
- 15:30 Associate Prof. Ruud A. Weusthuis  
(Wageningen University, Netherland)  
From bioreactor engineering to cell factory  
engineering
- 16:10 Associate Prof. Mattheos Koffas  
(Rensselaer Polytechnic Institute, USA)  
Developing tools for static and dynamic  
balancing of metabolic pathways in E.coli
- 16:50 Associate Prof. Christina Smolke  
(Stanford University, USA)  
Microbial biosynthesis of plant-based  
medicines
- 18:00 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



【ポスター発表申し込み方法】  
12月25日までにポスター題目、  
お名前、ご所属をご連絡ください。

## 27<sup>th</sup> January

- 10:00 Associate Prof. Keiji Nishida  
(Kobe University, Japan)  
Genome editing mediated by base-exchange  
without cleaving DNA
- 10:20 Prof. Philippe Noirot  
(Argonne, USA)  
Streamlining the bacterial genome by restoring  
fitness in largely minimized strains
- 11:00 Poster session
- 12:00 Lunch
- 13:00 Prof. Matthieu Jules  
(INRA, France)  
From Bacillus subtilis gene expression  
decomposition to Synthetic Biology
- 13:40 Assistant Prof. Dong-Yup Lee  
(National University of Singapore, Singapore)  
Computational design strategies for synthesizing  
genes and fusion proteins and enhancing their  
expression
- 14:20 Michihiro Araki  
(Kobe University, Japan)  
Expanding the scope of metabolic pathway in silico
- 14:40 Prof. Anil Wipat  
(Newcastle University, UK)  
Characterising metabolic load in Bacillus subtilis
- 15:20 Prof. Tomohisa Hasunuma  
(Kobe University, Japan)  
Dynamic metabolic analysis of microorganisms for  
the development of bio-based chemical production
- 15:50 Closing remarks

【参加申し込み方法】  
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。

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