



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



26th 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)

27th 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 Associate Prof. 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。

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【ポスター発表申込み方法】

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。

