

Innovative Bio production Kobe



The 5th International Symposium of Innovative BioProduction Kobe (iBioK)

Date: 29 (wed) - 30 (thu) January, 2014

Place: Kobe University Centennial Hall

29
(wed)

January

- 13:00 **Hideki Fukuda**,
President of Kobe University
- 13:05 **Prof. Akihiko Kondo**
(Kobe University, Japan)
Bio-production of bio-based fuels and chemicals:
achievements and perspectives of iBioK
- 13:40 **Prof. James C. Liao**
(The University of California Los Angeles, USA)
Rewriting primary metabolic pathways
- 14:20 **Prof. Ramon Gonzales**
(Rice University, USA)
Modular Biosynthesis for the Production of Advanced
Fuels and Chemicals
- 15:00 Coffee Break
- 15:30 **Prof. Henk Noorman**
(DSM Biotechnology center, The Netherlands)
Industrial Bioprocess Development for Pharma,
Food, Bio-energy and Bio-materials:
Needs and Solutions
- 16:10 **Prof. Volker F. Wendisch**
(Universität Bielefeld, Germany)
Engineering Microbial Cell Factories: flexible
feedstock concept and new bioproducts
- 16:50 **Prof. Alexander Steinbüchel**
(University of Münster, Germany)
Utilization of the unspecificity of polymer synthases
for the synthesis of novel and/or
unusual polyesters and polyamides
- 18:00 Welcome reception and Banquet

30
(thu)

January

- 10:00 **Prof. Hal Alper**
(The University of Texas at Austin, USA)
Metabolic Engineering of *Yarrowia lipolytica* for fuels
and chemicals applications
- 10:40 **Prof. Ivan Mijakovic**
(Chalmers University of Technology, Sweden)
Production of 3-hydroxy-propanoate in bacterial cell
factories: different strategies in *Lactobacillus reuteri*
and *Bacillus subtilis*
- 11:20 **Prof. Ken-ichi Yoshida**
(Kobe University, Japan)
How bacteria accumulate poly- β -hydroxybutyrate
(PHB) -- a lesson from *Bradyrhizobium japonicum*
- 12:00 Lunch
- 13:20 **Prof. Masanori Yamasaki**
(Kobe University, Japan)
Plant Domestication and Breeding: Case Studies in
Maize and Rice
- 14:00 **Prof. Chandrashekhhar Joshi**
(Michigan Technological University, USA)
Genetic engineering of plant cell walls for improved
bioenergy production
- 14:40 **Prof. Thomas Lübberstedt**
(Iowa State University, USA)
Burning Question: Can Plant Breeding Contribute to
Thermochemical Biomass Conversion ?
- 15:20 **Prof. Emilio Rodríguez Cerezo**
(European Commission, DG Joint Research Centre
(JRC), Spain)
The global situation and perspectives of GM crops for
the bio-economy (biofuels and bio-chemicals)



シンポジウムは無料でご参加いただけます。

また、懇親会は神戸大学瀧川記念学術交流会館で行います。

(懇親会費 1/23 (水)までの事前振込:7000円, 当日現金支払:8000円, 学生:5000円)

参加申し込み方法:

参加される方のお名前、ご所属、連絡先メールアドレス、懇親会参加の有無を以下の申込先までお願いいたします。

折り返し参加登録受付と懇親会費の振込先をご連絡いたします。

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 Tel/Fax: 078-803-6192