

Towards the 100th Anniversary of the Society for Biotechnology, Japan (SBJ), the SBJ symposium has been launched to provide a forum for the promotion of Industry-University Cooperation in a wide range of fields in Science and Technology and Education, which SBJ covers, as well as for the discussion on information and trends in Asia and in other countries around the world.

To further promote and develop collaborations with other Asian countries, speakers from the Korean Society for Biotechnology and Bioengineering (KSBB) and from other institutions in Asia have been invited for the 2nd SBJ Symposium. We hope that many of you will be able to come and join us.

<b>Date</b>	May 22, 2015
<b>Venue</b>	Icho Kaikan, Osaka University, Suita Campus → <a href="#">Access Map</a> (2-2 Yamadaoka, Suita, Osaka 565-0871, Japan)
<b>Language</b>	English
<b>Theme</b>	A new trend of Biotechnology will be opened up by 'Metabolic Engineering', 'Metabolomics' and 'Synthetic Biology'
<b>Registration</b>	Pre-registration required. Online registration is closed. Please register on site.
<b>Fees</b>	<b>Admission all free now !</b> Member: 2,000JPY (tax included) ⇒ <b>Free</b> , Non-member: 3,000JPY (tax included) ⇒ <b>Free</b> Student: Free <b>NOTE:</b> Members of the supporting organizations shown below can attend the symposium at the member's rate.
<b>Supported by</b>	The Japan Society for Bioscience, Biotechnology, and Agrochemistry The Society of Chemical Engineers, Japan Japan Bioindustry Association
<b>Contact</b>	The Society for Biotechnology, Japan c/o Faculty of Engineering, Osaka University 2-1 Yamadaoka, Suita, Osaka, Japan 565-0871 Tel: 81-6-6876-2731 Fax: 81-6-6879-2034 E-mail:

## Program

- 9:50-10:00 Opening remark.....**Katsuya Gomi** (Tohoku University)
- 10:00-10:40  
*In silico* metabolic pathway design and <sup>13</sup>C-based metabolic flux analysis for bio-production  
.....**Hiroshi Shimizu** (Osaka University)
- 10:40-11:20  
Synthetic Biology for application to bioproduction  
.....**Taizo Hanai** (Kyushu University)
- 11:20-12:00  
Directed evolution platform and pathway synergy for the production of biobased chemical

.....**Claire R. Shen** (National Tsing Hua University, Taiwan)

- 12:00-13:20 Lunch time
- 13:20-14:00  
Metabolic diversity of plant terpenoids, and its application to synthetic biology  
.....**Toshiya Muranaka** (Osaka University)
- 14:00-14:40  
Microbial sulfur metabolism and cysteine fermentation  
.....**Gen Nonaka** (Ajinomoto Co., Inc.)
- 14:40-15:00 Coffee break
- 15:00-15:40  
Current state and future perspective of the "biorefinery"  
.....**Akihiko Kondo** (Kobe University)
- 15:40-16:20  
Rewiring the metabolic pathways using synthetic RNA regulators  
.....**Gyoo Yeol Jung** (Pohang University of Science and Technology, Korea)
- 16:20-17:00  
Application of metabolomics to high resolution phenotype analysis  
.....**Eiichiro Fukusaki** (Osaka University)
- 17:00-17:10 Closing remark.....**Eiichiro Fukusaki** (Osaka University)