[S5-3] 신진연구자를 위한 포럼 I. 생물공정, 대사공학

October 10, 2019, 14:55–16:25 (Room 323)
Chair : June-Hyung KIM (Dong-A University)

14:55-15:05 인사말씀
이희찬 (한국생물공학회장)

S531 **15:05-15:25**

Applications of Microbial Biotechnology for Sustainable Food Production

Seung-Oh SEO
Department of Food Science and Nutrition, The Catholic University of Korea, Bucheon , Korea

S532 **15:25-15:45**

Tackling Challenges in the Biopharmaceutical Industry: Cell Line Instability

Jong Youn BAIK
Department of Biological Engineering, Inha University, Incheon, Korea

S533 **15:45-16:05**

Improved (-)-α-Bisabolol Production by Efficient Conversion of Mevalonate in *Escherichia coli*

Soo-Jung KIM[1,2], Seong Keun KIM[2], Dae-Hee LEE[2], Seung-Goo LEE[2]
[1]Department of Food Science and Technology, Chonnam National University, Gwangju, Korea, [2]Synthetic Biology and Bioengineering Research Center, Korea Research Institute of Bioscience and Biotechnology, Daejeon, Korea

S534 **16:05-16:25**

Systems Evaluation of Less-characterized Transcription Factors in *Escherichia coli*

Donghyuk KIM
School of Energy and Chemical Engineering, Ulsan National Institute of Science and Technology, Ulsan, Korea

[S5-4] 신진연구자를 위한 포럼 II. 바이오센서, 나노바이오, Drug Delivery

October 10, 2019, 16:50–18:30 (Room 323)
Chair : Jong Wook Hong (Hanyang University)

S541 **16:50-17:10**

Biomimetic Nucleoporin Hydrogel for Molecules' selective Permeation

Yun Jung YANG
Department of Biological Engineering, Inha University, Incheon, Korea

S542 **17:10-17:30**

Enhancing Cancer Immunotherapy using Biomaterials

Chun Gwon PARK
Department of Biomedical Engineering, SKKU Institute for Convergence, Sungkyunkwan University (SKKU), Suwon, Korea

S543 **17:30-17:50**

Targeted Drug Delivery in the Suprachoroidal Space using a Microneedle

Jae Hwan JUNG
Department of Pharmaceutical Engineering, Dankook University, Cheonan, Korea

S544 **17:50-18:10**

Bioconjugation and Self-Assembly Technologies for Multi-Functional Biologics

Sung In LIM
Department of Chemical Engineering, Pukyong National University, Busan, Korea

S545 **18:10-18:30**

Design of *in vivo* Nanosensor Based on Magnetic Interaction: Magnetic Resonance Tuning (MRET) Sensor

Jin-sil CHOI
Dept of Chemical and Biological Engineering, Hanbat National University, Daejeon, Korea