

● October 11, 2019, 15:30–17:10 (Room 324–A)

Chairs : Eun–Yeol Lee (Kyung Hee University), Sang Woo Seo (Seoul National University)

**S571**

**15:30-15:50**



Secretion of Bacterial Peroxidases from *Pseudomonas putida* for Valorization of Lignin

Siseon LEE, Minsik KANG, Jung-Hoon BAE, Jung-Hoon SOHN, Bong Hyun SUNG  
Synthetic Biology and Bioengineering Research Center, Korea Research Institute of Bioscience and Biotechnology (KRIBB), Daejeon, Korea

**S572**

**15:50-16:10**



Enzyme and Metabolic Engineering for Bioplastic Production and Plastic Upcycling

Jeong Chan JOO<sup>1</sup>, Hee Taek KIM<sup>1</sup>, Bong Keun SONG<sup>1</sup>, Si Jae PARK<sup>2</sup>, Kyungmoon PARK<sup>3</sup>, Kyoung Heon KIM<sup>4</sup>

<sup>1</sup>Bio-based Chemistry Research Center, Korea Research Institute of Chemical Technology, Daejeon, Korea, <sup>2</sup>Division of Chemical Engineering and Materials Science, Ewha Womans University, Seoul, Korea, <sup>3</sup>Department of Biological and Chemical Engineering, Hongik University, Sejong, Korea, <sup>4</sup>Department of Biotechnology, Graduate School, Korea University, Seoul, Korea

**S573**

**16:10-16:30**



Gas Fermentation Using Clostridium AWRP for the Production of Acids and Alcohols

Jeongmin LEE, Jin Woo LEE, Hyun Sook LEE, Sung Gyun KANG  
Korea Institute of Ocean Science and Technology, Korea

**S574**

**16:30-16:50**



A Perspective on the Biotechnological Applications of the Versatile Tyrosinase  
Kyoungseon MIN

Bio/Energy R&D Center, Korea Institute of Energy Research (KIER), Gwangju, Korea

**S575**

**16:50-17:10**

**A Synthetic Biology Approach to Enzyme Engineering**

**Soo-Jin YEOM**<sup>1,2</sup>

<sup>1</sup>Synthetic Biology & Bioengineering Research Center, KRIBB, Daejeon, Korea, <sup>2</sup>School of Biological Sciences and Technology, Chonnam National University, Gwangju, Korea

