

# [S4-2] Nanobiotechnology & Cell Engineering I

● October 10, 2019, 14:55–16:40 (324–A)  
Chair : Jeong–Woo Choi (Sogang University)

**S421**

**[Keynote Speech]**



**14:55-15:25**

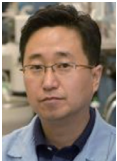
Cell Manufacturability toward Regenerative Medicine

Masahiro KINO-OKA

Department of Biotechnology, Osaka University, Osaka, Japan

**S422**

**[Keynote Speech]**



**15:25-15:55**

Bio-inspired Nanotechnology Approaches for Advanced Stem Cell-based Regenerative Medicine

KiBum LEE

Dept. of Chemistry & Chemical Biology, Rutgers University, 123 Bevier Road, Piscataway, USA

**S423**

**15:55-16:20**



Vapor Deposition to Construct Reactive Polymer Coatings, Devices, and 3D Bulk Materials

Hsien-Yeh CHEN

National Taiwan University, Department of Chemical Engineering, Taipei, Taiwan

**S424**

**16:20-16:40**



Microscopic DNA Sequence Analysis without Sequencing

Kyubong JO

Department of Chemistry, Interdisciplinary Program of Integrated Biotechnology, Sogang University, Seoul, Korea

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서강대학교 대학중점연구소지원사업

바이�융합기술연구소

## [S4-3] Nanobiotechnology & Cell Engineering II

● October 10, 2019, 16:50–18:35 (Room 324–A)  
Chair : Kyubong Jo (Sogang University)

**S431**

**[Keynote Speech]**

**16:50-17:20**

Molecular Cancer Imaging: Preclinical and Clinical Advances

Hak Soo CHOI

Department of Radiology, Harvard Medical School, Korea



**S432**

**17:20-17:50**

Co-ordinated Generation of Ocular Cell Lineages from Pluripotent Stem Cells and its Application to Regenerative Medicine

Ryuhei HAYASHI<sup>1,2</sup>

<sup>1</sup>Department of Stem Cells and Applied Medicine, Osaka University Graduate School of Medicine, Osaka, Japan, <sup>2</sup>Department of Ophthalmology, Osaka University Graduate School of Medicine Graduate School of Medicine, Osaka, Japan



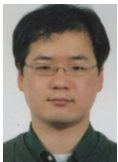
**S433**

**17:50-18:15**

Bio-inspired Tuning of Natural Polymers for 3D Cell Culture

Sun-Woong KANG

Research Group for Biomimetic Advanced Technology, Korea Institute of Toxicology, Daejeon, Korea



**S434**

**18:15-18:35**

Microfluidic Human Blood Brain Barrier for Drug Discovery

Tae-Eun PARK

Ulsan National Institute of Science and Technology, Ulsan, Korea



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