



Session Title	[ThE2] Emerging Biomaterials
Date / Time	July 5 (Thu.), 2018 / 13:30-15:30
Room	Room E (#110)
Session Chair	SeungBeum Suh (KIST, Korea)

ThE2-O1

13:30-13:45

Conductive Gold Nanostructure/Matrigel Composites to Enhance Electrochemical Signals of Pluripotent Stem Cells

Tae-Hyung Kim¹, Intan Suhito¹, Sung-Hwan Moon², and Hyuk-Jin Cha³

¹Chung-Ang Univ., Korea, ²Konkuk Univ., Korea, ³Seoul Nat'l Univ., Korea

ThE2-O2

13:45-14:00

Plasmon Assisted Enhanced Biosensor Using Ag/Polymer Core-Shell Hybrid Nanoparticle

Dong Hyuk Park, Seokho Kim, Jinho Choi, Do-hyoung Kim, and Jung Woon Park
Inha Univ., Korea

ThE2-O3

14:00-14:15

Selective Turn-on Fluorescence Navigator for Cancer Targeting through a Biosynthesis Pathway

Yoon Jeong¹, Garam Kim¹, Byungchul Lee¹, Sangeun Kim¹, Won-Gun Koh², and Kangwon Lee¹

¹Seoul Nat'l Univ., Korea, ²Yonsei Univ., Korea

ThE2-I4 (Invited)

14:15-14:40

Artificial Photosynthesis: Learning from Nature

Dong Ryeol Whang¹, Soo Young Park², and Serdar Niyazi Sariciftci¹

¹Johannes Kepler Univ. Linz, Austria, ²Seoul Nat'l Univ., Korea

ThE2-O5

14:40-14:55

Mono- and Di-nuclear Iridium (III) Complexes with Tridentate Polypyridine Ligands as Theranostic Photodynamic Therapy Agents

Wenfang Sun¹, Bingqing Liu¹, Susan Monro², Colin G. Cameron³, Katsuya Colon³, Huimin Yin², Sherri A. McFar^{2,3}

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