

Purdue-Hanyang Joint Symposium on Innovative Research for Future Biotechnology and Biopharmaceutics

Date: 2022.7.12 (Tue) 14:00–18:00

Place: 305-911 (IT-BT Bldg.)

Session 1 (14:00–15:30) Chair: Professor Yong-Hee Kim (Hanyang University)

Professor Chi Hwan Lee (Purdue University)
“Clinical Needs-Driven Engineering in Healthcare”

Professor Hugh Lee (Purdue University)
“Multifunctional Implantable Medical Devices Using Microscale Sensors and Actuators”

Professor Dong Yun Lee (Hanyang University)
“Optical Assessment of Tear Glucose by Smart Biosensor Based on Nanoparticle Embedded Contact Lens”

Break Time (15:30–15:50)

Session 2 (15:50–17:20) Chair: Professor Sang-Kyung Lee (Hanyang University)

Professor Young Kim (Purdue University)
“Seven Functionalities of Silk Proteins – Biomedical Metamaterials”

Professor Heungsoo Shin (Hanyang University)
“Biomaterials-Based Delivery of Signaling Molecules and Cells for Tissue Engineering”

Professor Hee Ho Park (Hanyang University)
“Chimeric T Cells and Macrophages: Cell Engineering to Expand Their Therapeutic Potentials”

Session 3 (17:30–18:00)

Open discussion

Organized by Institute for Bioengineering and Biopharmaceutical Research (IBBR) &
BK21 FOUR Education and Research Group for Biopharmaceutical Innovation Leader

