[TS11T5]

Nanomaterials and Nanodevices for Digital Healthcare 5

Date & Time	July 9(Thu.), 2026 / 15:50-17:50
Place	Room 212
Session Chair(s)	Prof. Seung-Kyun Kang (Seoul National University)

TS11T5_I_1 ***Invited** 15:50-16:20

The AI-Nano Nexus: Smart Lasergun and uRAST for Personalized Medicine

Sunghoon Kwon
(Seoul National University)

TS11T5_I_2 ***Invited** 16:20-16:50

Healthcare Sensing in Digital Health: Continuous Biomonitoring and At-Home Diagnostics

Ki-Hun Jeong
(Korea Advanced Institute of Science and Technology)

TS11T5_O_3 16:50-17:05

Photonic In-Situ Health Monitoring Systems with Nanostructured Meta-Materials and Integrated Platforms

Chanho Park
(Sejong University)

TS11T5_O_4 17:05-17:20

Fully Biodegradable Fiber Platform for Wearable Healthcare Devices

Yong-Wu Kim, Kyung-Sub Kim, Jae-Young Bae, and Seung-Kyun Kang
(Seoul National University)

TS11T5_O_5 ***YSA Applied** 17:20-17:35

A Conserved Terpene Cyclase Gene in Sanghuangporus for Abscisic Acid-Related Sesquiterpenoid Biosynthesis

Chang Wan Seo[1], Yoonhee Cho[1], Hyeonjae Cho[1], Yeongwoon Jin[1], Abel Severin Lupala[1,3], Sang Hee Shim[1], and Young Woon Lim[1]
([1]Seoul National University, [2]Changwon National University, [3]Sokoine University of Agriculture)

TS11T5_O_6 17:35-17:50

Drug Delivery Visualized Eco-Degradable Iontophoretic Patch with Electrochromic Display

Se-Hun Kang[1], Sung-Geun Choi[2], Soo-Hwan Lee[2], Geon-Jin Shin[1], Yu-Lim Lee[1], Ae-Jin Kim[2], Joo-Hyeon Park[1], Sung-Woo Kim[1], Hyo-Jin Lee[2], and Seung-Kyun
([1]Seoul National University, [2]Korea Institute of Science and Technology)