

[TS08T4]**Nanomaterials for Healthcare Devices 4**

Date & Time	July 4(Thu.), 2024 / 14:00-15:30
Place	Room 304
Session Chair(s)	Soong Ju Oh (Korea Univ.)

TS08T4_I_1 *Invited 14:00-14:30**High-Throughput and Dynamic Biochip Systems for Tissue Engineering and Organs-on-a-Chip**

Junmin Lee

*(POSTECH)***TS08T4_O_2 14:30-14:45****Solid Solution Mg-3Zn Alloy Thin Film Electrode for Bio-Medical Electronics Applications**Ji-Woo Gu¹, Guangzhe Li², Yu-Chan Kim², and Seung-Kyun Kang¹*(¹Seoul National University, ²KIST)***TS08T4_O_3 14:45-15:00****3D Printed Polyanhydride Encapsulation for Bioresorbable Implant Devices**

Daeun Sung, Yerim Lee, Seunghun Han, Minki Hong, and Jahyun Koo

*(Korea University)***TS08T4_O_4 15:00-15:15****Nanoscale Crack-Induced Ultrasensitive Piezoresistive Sensor for Monitoring of Hemodynamics**Jae-Hwan Lee¹, Yoon-Nam Kim¹, Jun-Sang Lee², and Seung-Kyun Kang¹*(¹Seoul National University, ²Purdue University)***TS08T4_O_5 15:15-15:30****Bioelectronics using Ion Transport for Enhanced Precision Medicine**Sung-Geun Choi¹, Seongchan Kim², Hyojin Lee¹, and Seung-Kyun Kang³*(¹KIST, ²Gyeongsang National University, ³Seoul National University)*