

[TS08T5]

Nanomaterials for Healthcare Devices 5

Date & Time	July 4(Thu.), 2024 / 15:40–17:40
Place	Room 304
Session Chair(s)	Ju Hun Lee (Hanyang Univ.)

TS08T5_I_1 *Invited 15:40–16:10

Triboelectric Energy Harvesting for Biomedical Applications

Sang-Woo Kim
(Yonsei University)

TS08T5_I_2 *Invited 16:10–16:40

Ultrathin Organic Electronics for Healthcare Devices

Kenjiro Fukuda¹ and Takao Someya^{1,2}
(¹RIKEN, ²The University of Tokyo)

TS08T5_O_3 16:40–16:55

3D Printed Biodegradable Hydrogel Nerve Conduits for Peripheral Nerve Regeneration

Yerim Lee, Woo-Youl Maeng, Kyung Su Kim, Daeun Sung, and Jahyun Koo
(Korea University)

TS08T5_O_4 16:55–17:10

Stealthy Neural Recorder for Studying Naturalistic Behaviour in Primates

Saehyuck Oh, Janghwan Jekal, and Kyung-In Jang
(DGIST)

TS08T5_O_5 17:10–17:25

Adhesive-Free Hydrogel Bioelectronics Enabled by a Template-Directed Assembly of a Nanofibrous Network

Jooyeun Chong and Jiheong Kang
(KAIST)

TS08T5_O_6 17:25–17:40

Wireless and Suture-Type Strain Sensing System for Postoperative Assessment based on Au Nanoparticles-Incorporated Fiber Electrode

Mugeun Lee, Hwajoong Kim, Jinho Kim, and Jaehong Lee
(DGIST)