

TMU–TU–HU Young Researchers Symposium 2026

Taipei Medical Univ. × Tokushima Univ. × Hokkaido Univ.

Monday, August 31, 2026 10:00–12:15

Clinical Pharmacy Lecture Room, Faculty of Pharmaceutical Sciences, HU

Moderators: Mai Kanai (HU., Asst. Prof.) / Yuichi Suzuki (HU., Specially Appointed Asst. Prof.)

10:00–10:10 Opening Remarks

Yuma Yamada (HU, Prof.)

10:10–10:25 Overview of Activities by International Students from TMU

Training Course for Drug Delivery System / Discovering the World of DDS

Yuichi Suzuki (HU, Specially Appointed Asst. Prof.) / Cian Pei Hsieh (TMU, Student)

10:25–11:05 Faculty Presentations

Chair: Yusuke Sato (HU, Assoc. Prof.)

10:25–10:45

Ultrasound-Responsive Nanocarriers for Nucleic Acid and Gene Delivery to Cancer and the Brain

Taiki Yamaguchi (TU, Asst. Prof.)

10:45–11:05

Development of an evaluation system using intestinal organoids for drug transport analysis

Yuki Sato (HU, Lecturer)

– Break (11:05–11:20) –

11:20–12:05 Student Presentations

Chairs: Yuki Sato (HU, Lecturer) / Taiki Yamaguchi (TU, Asst. Prof.)

11:20–11:30

Development and Evaluation of a Probucol-loaded Mitochondria-targeted Nanocarrier

Akihiro Suzukawa (HU, 5th-year Pharmacy Student)

11:30–11:40

Surface engineering of mitochondria by anti-CD4 antibody modification and evaluation of cell-selective binding

Naoto Senda (HU, Master's 1st Year)

11:40–11:50

Nucleic acid delivery to extrahepatic tissues using a novel ionizable lipid

Shun Hanazawa (HU, Master's 2nd Year)

11:50–12:00

Effects of lipid nanoparticle-mediated vascular-disrupting therapy on the tumor microenvironment

Takumi Nagaoki (HU, Master's 2nd Year)

12:05–12:15 Closing Remarks

Takanori Kanazawa (TU, Prof.)