

The 4th Korea-Japan Young Scientists Workshop on Pharmaceuticals



Date June 25th (Wed) ~ June 27th (Fri), 2025
Venue The Riverside Hotel Seoul (Novella Hall), Seoul, Republic of Korea

Program

1st Day (June 25th)

Time	Program
18:00-20:00	Welcome reception (by invitation only)

2nd Day (June 26th)

Time	Program
08:30 – 09:30	Registration
09:30 – 09:40	Opening Remarks
09:40 – 10:20	Plenary Lecture I Chair: Soyoung Shin (Chung-Ang University)
	Dae-Duk Kim (Seoul National University, Republic of Korea) Challenges and perspectives of tumor-targetable nanocarriers
Session I 10:20 – 12:00	Drug Delivery and Nanobiotechnology Chairs: Shiraishi Koichi (Jikei University) / Jeonghwan Kim (Yeungnam University)
	Teruki Nii (Kyushu University, Japan) Novel therapeutic concept of cancer using engineered macrophages (MacTrigger)
	Gayong Shim (Soongsil University, Republic of Korea) Responsive nanoplatforms tailored for cancer therapy
	Shugo Yamashita (Doshisha Women's College of Liberal Arts, Japan) Methods for evaluating intratumoral pharmacokinetics of intramucellar drugs and their application to pharmacokinetic prediction models
	Kyung Hyun Min (Jeonbuk National University, Republic of Korea) Plasmonic gold nanoparticle-integrated nanofibers for biomedical applications
12:00 – 13:30	Lunch
13:30 – 14:10	Plenary Lecture II Chair: Tetsuya Ozeki (Nagoya City University)
	Yuriko Higuchi (Kyoto University, Japan) Cell surface engineering for targeted delivery of therapeutic cells
14:10 – 14:50	Poster Session (Standing) / Coffee Break
14:50 – 15:50	Short Oral Presentation I
Session II 15:50 – 17:30	Biopharmaceutics and DMPK Chairs: Toshihide Takagi (Setsunan University) / Tae Hwan Kim (Daegu Catholic University)
	In-Soo Yoon (Pusan National University, Republic of Korea) PBPK modeling and simulation for bioactive natural products
	Atsushi Kambayashi (Tokyo University of Science, Japan) Recent advances in physiologically based biopharmaceutics modeling
	Yoon-Jee Chae (Woosuk University, Republic of Korea) Exploring multifaceted roles of drug transporters: From pharmacokinetics to disease management
	Toshiki Kurosawa (Teikyo University, Japan) Evaluation of transporter function using blood-brain barrier models derived from human iPS cells
18:00 – 20:00	Banquet

3rd Day (June 27th)

Time	Program
09:00 – 09:20	Morning Refreshment
09:20 – 10:20	Short Oral Presentation II
Session III 10:20 – 12:00	Formulation and Pharmaceutical Technology Chairs: Hidemasa Katsumi (Showa Medical University) / Jeong Uk Choi (Kyung Hee University)
	Toru Taharabaru (Kumamoto University, Japan) “MOBILE Ligands” enabling highly efficient and facile drug targeting
	Kyuri Lee (Korea University, Republic of Korea) Optimization of mRNA designs and delivery strategies for controlled immunogenic responses
	Daisuke Ando (National Institute of Health Sciences, Japan) Use of X-ray micro-computed tomography to assess skin insertion depth of microneedle patches loaded with contrast agent
	Seho Kweon (Chonnam National University, Republic of Korea) The development of oral peptide therapeutics by utilizing transporter-mediated endocytosis
12:00 – 12:15	Presentation Award
12:15 – 12:30	Closing Remarks for Scientific Session
12:30 – 18:00	Collaboration Forum for Future Young Scientists
Closing	