

Poster Presentation Program
(Finalists for the Best Poster Award)

Presentation(Odd number):November 17 (Tue.) 17:30-18:30

Presentation(Even number):November 18 (Wed.) 17:00-18:00

Room F (1F Multi-purpose Hall)

Presentation Number	Category	Presenter	Presentation Title
BP-01	Absorption Fields of Research in Industries	Taiji Miyake	Pancreatic Lipase as a Novel Determinant of Oral Absorption for Beyond-Rule-of-Five Compounds
BP-02	Bioimaging/Bioanalysis Fields of Basic Research	Yoshiyuki Koga	Quantitative Evaluation of Early AAV Vector Biodistribution by ddPCR and qPCR: A Comparison of Intradiscal, Spinal Cord, and Brain Parenchymal Administration
BP-03	New Modalities Fields of Research in Industries	Masayoshi Saito	Quantitative time-course analysis of nuclear translocation, capsid uncoating, and circularization of AAV vector genomes in mouse liver
BP-04	Microphysiological Systems (Organs on a Chip) Fields of Basic Research	Seiya Ohki	Human blood-brain barrier spheroid models are useful for evaluating brain-penetrant DNA aptamers
BP-05	Bioimaging/Bioanalysis Fields of Applied Research	Shigeyoshi Katsuyama	Distribution of tamoxifen and its metabolites into serum lipoprotein fractions in patients with breast cancer
BP-06	AI/Bioinformatics/Omics Fields of Research in Industries	Yohei Kosugi	Comparative protein turnover landscapes across mouse, rat, and monkey brain
BP-07	Drug Delivery System Fields of Research in Industries	Miki Yokoyama	Application of O-glucuronide prodrug strategy to achieve colonic delivery: An example of a novel biofilm inhibitor
BP-08	Toxicity Fields of Basic Research	Takaya Yokoyama	Immune-pharmacokinetic interplay and its control by gradual dose escalation in antiepileptic drug hypersensitivity models
BP-09	Microphysiological Systems (Organs on a Chip) Fields of Basic Research	Misa Hoshi	Establishment of a human 3D Blood-Brain Barrier model using a microphysiological system device for drug discovery applications
BP-10	Systems Pharmacology/Pharmacometrics Fields of Basic Research	Ruki Yasuda	Elucidation of the role of AQP4 in the pharmacokinetics of intracerebroventricularly administrated cytarabine, based on mouse PK studies and PBPK modeling
BP-11	Transporters Fields of Basic Research	Yuka Miyamae	Investigation of the role of ABCA6 in lenvatinib pharmacokinetics using hepatic Abca6-knockdown mice
BP-12	Toxicity Fields of Applied Research	Ayano Ishida	Establishment of a Dog Small Intestinal Organoid-Based serotonin Release Assay for Translational Emetic Risk Assessment of Molecularly Targeted Drugs
BP-13	Toxicity Fields of Basic Research	Kazuma Hamada	Cross-species integrated omics analysis identifies SLC25A10 as a candidate linking drug-induced mitochondrial toxicity and steatotic liver disease
BP-14	Systems Pharmacology/Pharmacometrics Fields of Applied Research	Ryuhei Seta	Lisinopril physiologically based pharmacokinetic model incorporating TMDD of two ACE binding sites in ex vivo and in vivo systems.
BP-15	Systems Pharmacology/Pharmacometrics Fields of Basic Research	Mayuko Fujisaki	Development of Physiologically Based Pharmacokinetic Model for Transplacental IgG Transfer Incorporating Bidirectional Maternal-Fetal Transport
BP-16	Toxicity Fields of Applied Research	Shota Fukada	Mucin layer-based integrated assessment of drug permeability and gastrointestinal toxicity in human small-intestinal spheroid-derived epithelial monolayers
BP-17	Toxicity Fields of Basic Research	Yuusei Tahara	AADAC plays a protective role against amodiaquine-induced liver injury by suppressing ferroptosis

Poster Presentation Program
(Finalists for the Best Poster Award)

Presentation(Odd number):November 17 (Tue.) 17:30-18:30

Presentation(Even number):November 18 (Wed.) 17:00-18:00

Room F (1F Multi-purpose Hall)

Presentation Number	Category	Presenter	Presentation Title
BP-18	Toxicity Fields of Research in Industries	Koichi Hattori	Construction of a Liver Tissue Model Using 3D Cell Culture Technology "invivoid®" and Its Application to Drug Discovery Evaluation Systems
BP-19	Absorption Fields of Basic Research	Keita Takahashi	Proposal of the Multistage Translocation Model (MTM) to explain substrate-dependent inhibition of transport by P-glycoprotein
BP-20	Bioimaging/Bioanalysis Fields of Research in Industries	Hironori Ishii	Development of a Quantitative <i>In Vivo</i> Intracellular Pharmacokinetic Evaluation Method for Trastuzumab in FFPE Tissues Using Phosphor-Integrated Dot (PID) Imaging
BP-21	Toxicity Fields of Basic Research	Nagashima Tomoki	Investigation of the involvement of platelet-activating factor (PAF) in the development of non-allergic hypersensitivity to antibody therapeutics in cancer models