2022 November 7 (Mon.)　PACIFICO Yokohama, Conference Center

	Room A 1F Main Hall	Room B 3F 313+314	Room C 3F 315
9:00			
9:30			
	Short Course Opening Ceremony		
	Session 1		
10:00	全社戦略：DXムーブメントを正しく読み解く Chair：Takafumi Komori Chair：Hiroshi Mizuuchi SC-1：Naohiko Uramoto SC-2：Kazuhisa Ozeki		
10:30			
	Session 2		
11:00	新興するデジタル技術を活用した 創薬プラットフォーム Chair：Takafumi Akabane Chair：Syunsuke Yamamoto SC-3：Taiei Yamada SC-4：Koji Hazama		
11:30			
	Luncheon Seminar 1	**Luncheon Seminar 2**	**Luncheon Seminar 3**
12:00	GPUで実現する創薬AIの加速と検証プラットフォームのご紹介 Speakers：Koji Hirahata, Noriaki Kanna Co-sponsored by Tokyo Electron Device	How to use preclinical and clinical data to assess DDIs and translate into drug labelling A fexinidazole case Chair：齋藤 美里 Speaker：Olivier Barberan Co-sponsored by Elsevier Japan	AIで創薬を加速する ～AI活用の基礎とAIプラットフォーム DataRobot の最新事例の紹介～ Chair：Toshiya Mitsuhashi Speaker：Toshiya Mitsuhashi Co-sponsored by NS Solutions
12:30			
13:00	**Keynote Lecture**		
	DXの先にある未来社会のビジョン Chair：Hiroshi Mizuuchi Speaker：Hiroaki Miyata		
13:30			
14:00			
	Session 3		
14:30	データ駆動型創薬の最前線 Chair：Yoshihiro Uesawa Chair：Miho Nagayasu SC-5：Masahiro Tsuji SC-6：Ryuta Saito SC-7：Ryushi Seo		
15:00			
15:30			
	Session 4		
16:00	AIによるADME評価のパラダイムシフト Chair：Kengo Watanabe Chair：Harutoshi Kato SC-8：Katsunori Sasahara SC-9：Atsushi Kasuya SC-10：Sumire Shimada SC-11：Youhei Kosugi Panel discussion		
16:30			
17:00			
	Short Course Closing Ceremony		
17:30			
	Annual Meeting Opening Ceremony		
18:00		**Special Lecture** **(co-sponsored by Annual meeting and Short course)**	
	Contribution of Mass Spectrometry to Phamacokinetics Chair：Fumiyoshi Yamashita Speaker：Koichi Tanaka		
18:30			
19:00			
19:30	19:15～21:15 **Welcome Party** **Yokohama Grand InterContinental Hotel 3F Ballroom**		

2022 November 8 (Tue.)　PACIFICO Yokohama, Conference Center

	メインホール 1F メインホール	Room A 3F 315	Room B 3F 313+314	Room C 3F 311+312	Room D 4F 411+412	Room E 4F 413	Room F 4F 418	Room G 4F 419	Room H 3F 303+304	Exhibition 3F 301+302
9:00	Opening remarks									
	Special Lecture								**Poster Set-up**	**Commercial Exhibition**
9:30	From Invention, to Innovation Chair：Hideki Hirabayashi Speaker：Takanori Takebe									
10:00	**Special Symposium 1**									
10:30	Nobel Prize-winning technologies The interface between Nobel Prize-winning technologies and pharmacokinetic research Chair：Syunsuke Yamamoto Chair：Hiroyuki Mizuguchi CS1-1：Hiroyuki Mizuguchi CS1-2：Akitsu Hotta CS1-3：Hiroshi Kawabe CS1-4：Takeshi Murata									
11:00									**Poster Display**	
11:30										
12:00										
	Luncheon Seminar 1	**Luncheon Seminar 2**	**Luncheon Seminar 3**	**Luncheon Seminar 4**						
12:30	Microenvironmental Pharmacokinetic Evaluation Platform -from Organ to Organelle- Chair：Sohei Nakayama Speaker：Syunsuke Yamamoto Co-sponsored by Miltenyi Biotec	Advanced Application of Droplet Digital PCR in Pharmacokinetic Research -Strategy and Assay Establishment for New Therapeutic Modality- Chair：Masatoshi Soejima Speakers：Yukinori Yatsuda,Hideki Hirabayashi, Miyu Nakayama Co-sponsored by Bio-Rad Laboratories	New technology：electronic activated dissociation leads to a new era of analysis -deep understanding of compounds Speaker：Ushio Takeda Co-sponsored by AB Sciex	3D In vitro Tissue Modeling: The Future of Medicine Chair：Miyuki Osawa Speaker：Ryo Asada, Shoji Takeuchi Co-sponsored by CELLINK, MITSUWA FRONTECH						
13:00										
13:30	**Keynote Lecture 1**									
14:00	Towards Whole-body/organ Imaging with Single-cell Resolution Chair：Shinji Iwasaki Speaker：Hiroki R. Ueda									
14:30	**Keynote Lecture 2**									
15:00	Muse cell treatment: Next-generation medical revolution compatible with the 'body's natural repair systems' Chair：Toshiya Moriwaki Speaker：Mari Dezawa									
15:30	**Keynote Lecture 3**									
	Astellas' Frontiers of Intelligence Drug Discovery Chair：Hiroshi Mizuuchi Speaker：Kenji Tabata									
16:00	**Award Ceremony**									
	Award Winner's Presentation									
16:30	〈学会賞〉Yoshiro Saito 〈奨励賞〉Hiroshi Arakawa 〈奨励賞〉Shotaro Uehara 〈奨励賞〉Yuu Miyauchi 〈創薬貢献・奨励賞〉Hiroyuki Sayama									
17:00										
17:30										
									BP Award Interview / **Poster Presentation**	
18:00									BP Award Finalist / Odd Numbers	
18:30										
19:00										
19:30										

2022 November 9 (Wed.)　PACIFICO Yokohama, Conference Center

Room A (3F 315)

Symposium 1

New modality DIS 1

Pharmacokinetic research to navigate the development of oligonucleotide therapeutics

Chair：Makiya Nishikawa
Chair：Masataka Oitate

SY1-1：Yoshiro Saito
SY1-2：Shunji Imai
SY1-3：Makoto Oba
SY1-4：Akinobu Hamada

Luncheon Seminar 5

Application of chimeric mice with humanized livers for predicting human pharmacokinetics of low-clearance compounds／Approach for predicting human metabolism of a mixed non-P450 and P450 substrate using chimeric mice with humanized liver (PXB-mice ®)

Chair：Chise Tateno Mukaidani
Spekers：Kosuke Yoshida, Daigo Asano

Co-sponsored by PhoenixBio

Asia Joint Symposium

Internationalization Promotion Committee

Brand-New Technologies to Open Up the Future of Drug Development

Chair：Kazuya Maeda

JSY-1：Takanori Kanazawa
JSY-2：Kesera Na-Bangchang
JSY-3：Young Hee Choi
JSY-4：Huichang Bi

JSSX President's Session

Toward the Future of Pharmaceuticals in Society 5.0

Chair：Fumiyoshi Yamashita
Speaker：Yuji Ikegaya

<Panel discussion>
Facilitator：Hideki Hirabayashi
Panelist：Yuji Ikegaya, Fumiyoshi Yamashita, Hiroshi Mizuuchi, Shingo Sakamoto

18:30～20:30

Banquet

Charter cruise ship "MarineRouge"

Room B (3F 313+314)

Symposium 2

Drug Efficacy and Safety DIS

Utilisation of digital analytics technology for preventive and therapeutic medicine

Chair：Satoru Koyanagi
Chair：Masanori Tachikawa

SY2-1：Yoshihiro Yamanishi
SY2-2：Masashi Honma
SY2-3：Yoshito Zamami
SY2-4：Yu Tahara

Luncheon Seminar 6

Highly Multiplexed Spatial Proteomics Using MALDI Imaging for Pharma and Immunohistology

Speaker：Michael Easterling

Co-sponsored by Bruker Japan

JSSX President's Session (Satellite Room)

Room C (3F 311+312)

Symposium 3

Drug Metabolism and Drug Induced Toxicity DIS 1

Recent Progress in Detection Methods and Toxicity Assessment of Reactive Metabolites of Carboxyl Group-containing Drugs

Chair：Kouichi Yoshinari
Chair：Takahito Nishiyama

SY3-1：Tatsuki Fukami
SY3-2：Atsushi Iwamura
SY3-3：Hiroshi Harada
SY3-4：Kazuko Inoue
SY3-5：Nobuyuki Kakutani

Luncheon Seminar 7

Proof of concept for drug discovery and the latest developments in super-resolution imaging technology

Chair：Shintaro Tanaka
Speakers：Yasushi Okada, Miyu Nakayama, Akihiko Goto, Toshiyuki Hatano

Co-sponsored by Leica Microsystems

Special Symposium 2

Latest exosome trends

What are Exosomes?
-Extracellular Vesicles: from bench to clinical application-

Chair：Masaaki Kakehi
Chair：Kentaro Otake

CS2-1：Kazunari Akiyoshi
CS2-2：Yuki Takahashi
CS2-3：Yusuke Yoshioka
CS2-4：Kentaro Otake

JSSX President's Session (Satellite Room)

Room D (4F 411+412)

Symposium 4

Modeling & Systems Pharmacology DIS

Compass for the future of Physiologically Based Pharmacokinetic Modelling

Chair：Masayo Oishi、Ryoko Sawamura
SY4-1：Nessy Tania

Chair：Takayo Ueno、Yasuhisa Nagasaka
SY4-2：Aman P. Singh

Chair：Yuki Iwaki、Koji Chiba
SY4-3：Vivaswath S. Ayyar

Chair：Tsuyoshi Minematsu、Shinichi Kijima
SY4-4：Hannah M Jones

Chair：Ryosei Kawai、Teruki Hamada
SY4-5：Koji Chiba

Luncheon Seminar 8

Our efforts towards oligonucleotide drugs drug development and its pharmacokinetic evaluation

Chair：Shinsuke Aoyama
Spekers：Tadashi Umemoto, Satoshi Ito

Co-sponsored by SEKISUI MEDICAL

The Predoctoral Researcher-Initiative Session(PRIS) 2022

Further Development of Drug Discovery Innovations by Mutual Improvement of Next Generation Researchers

Chair：Iori Azuma
Chair：Wangyang Liu
PSY-SL：Kenta Yoshida
PSY-1：Ryuto Tomabechi

Chair：Hiroki Sunakawa
Chair：Yuta Tamemoto
PSY-2：Takayuki Oguma
PSY-3：Rei Sato

Chair：Miyuki Takemura
Chair：Seiya Ohki
PSY-4：Yoshiki Hashimoto
PSY-5：Atsushi Kawai

18:00～20:00

Mixer

6F BAY BRIDGE CAFETERIA, Restrooms

Room E (4F 413)

Oral Presentation 2

Pharmacokinetics

O-01～O-04

Chair：Seigo Sanoh
Chair：Miho Nagayasu

Oral Presentation 3

Transporter 1

O-05～O-08

Chair：Tomoya Yasujima
Chair：Tomoko Watanabe

Best poster award selection committee meeting

*General participants are not allowed to enter the room.

Oral Presentation 4

Drug-Drug Interraction/Microphysiological Systems

O-09～O-13

Chair：Kiyomi Ito
Chair：Yoshitane Nozaki

Oral Presentation 6

New modality

O-20～O-22

Chair：Makiya Nishikawa
Chair：Yuki Kishino

Room F (4F 418)

Oral Presentation 1

Best Oral Finalists

BO-01～BO-10

Chair：Masatoshi Tomi
Chair：Yuu Moriya

Luncheon Seminar 9

New Challenges Facing CROs Conducting Pharmacokinetic Studies

Chair：Takatoshi Nakamura
Speakers：Kazuhide Iwasaki, Uichiro Takagi

Co-sponsored by SHIN NIPPON BIOMEDICAL LABORATORIES

Oral Presentation 5

Toxicity

O-14～O-19

Chair：Kaoru Kobayashi
Chair：Yosuke Yamanaka

Room G (4F 419)

Symposium 5

Drug Absorption DIS

DRUG ABSORPTION FROM ZERO: The Deep Truth of Oral Drug Absorption Viewed from the Perspective of API/Drug Product -From the Basics to the State-of-the-Art for Precision Drug Development-

Chair：Yoshiyuki Shirasaka
Chair：Naomi Wakayama

SY5-1：Yoshiyuki Shirasaka
SY5-2：Shinji Yamashita
SY5-3：Yasuhiro Tsume
SY5-4：Hideaki Kuribayashi

Luncheon Seminar 10

Latest analysis technology and drug delivery of oligonucleic acid

Chair：Kensuke Shimizu
Speakers：Hisashi Fujita, Seiji Ito, Shigenori Ota, Tatsumi Yoshihara, Hideki Minematsu

Co-sponsored by KATAYAMA CHEMICAL/ Tosoh/ GL Sciences/ Tecan Japan

Room H (3F 303+304)

Poster Display

Exhibition (3F 301+302)

Commercial Exhibition

Rapid Fire Talk

Kirin Holdings
Molecular Devices
SYMERES B.V.
Primetech
Kitahama/ MICROJET

LIFE SCIENCE LABORATORIES
WuXi AppTec Japan
NTT DATA
Nihon Bioresearch
Sumika Chemical Analysis Service
KAC

SOLVO Biotechnology | A Charles River Company
PhoenixBio
Miltenyi Biotec
MIMETAS Japan
Bio-Rad Laboratories
Leica Microsystems

Held in foyer

Commercial Exhibition

2022 November 10 (Thu.)　PACIFICO Yokohama, Conference Center

Room A 3F 315	Room B 3F 313+314	Room C 3F 311+312	Room D 4F 411+412	Room E 4F 413	Room F 4F 418	Room G 4F 419	Room H 3F 303+304	Exhibition 3F 301+302
Symposium 6 Microphysiological system and iPS DIS How should the cellular and organ models for MPS functionality be? Chair:Seiichi Ishida Chair:Hiroyuki Mizuguchi SY6-1:Hitoshi Naraoka SY6-2:Hiroyuki Moriguchi SY6-3:Hirokazu Kaji SY6-4:Yoshiharu Deguchi SY6-5:Takahiro Iwao SY6-6:Kazuo Takayama	**Symposium 7** BioAnalysis and BioImaging DIS Biotransformation of Therapeutic Antibodies and Application to Drug Discovery Chair:Masamitsu Maekawa Chair:Junji Komaba SY7-1:Atsushi Yonezawa SY7-2:Kazuhiro Kobayashi SY7-3:Hideo Takakusa SY7-4:Nobuo Sekiguchi	**Symposium 8** New modality DIS 2 Up-to-date pharmacokinetic studies for gene therapy products Chair:Takashi Kuwabara Chair:Yoichi Naritomi SY8-1:Shigeru Takeshita SY8-2:Okishi Mashita SY8-3:Fuminori Sakurai SY8-4:Masafumi Onodera	**Special Symposium 3** IQ translation IQ Consortium Symposium – Advance Drug Research and Clinical Development to Patients Chair:Akihiro Hisaka Chair:Yuu Moriya CS3-1:Sheila Annie Peters CS3-2:Emami Riedmaier, Arian/Kesisoglou, Filippos CS3-3:Masakatsu Kotsuma CS3-4:Kimio Tohyama	**Chair's Session** Companies-Academia Young Exchange Exchange event for young DMPK researchers in industry《Sailing to the Future from YOKOHAMA!》 Organizer:Hiroshi Mizuuchi Organizer:Hideki Hirabayashi	**Symposium 9** Drug Metabolism and Drug Induced Toxicity DIS 2 Integrated understanding of functions of drug metabolism in the brain Chair:Seigo Sanoh Chair:Tetsuya Nakagawa SY9-1:Toshiro Niwa SY9-2:Ami Oguro SY9-3:Yuji Ishii SY9-4:Kenichi Watanabe SY9-5:Tomoyuki Ohe	**Symposium 10** Transporter DIS Future perspectives in transporter-driven drug development Chair:Katsuhisa Inoue Chair:Naoki Ishiguro SY10-1:Osamu Nagano SY10-2:Takashi Motoyaji SY10-3:Sumio Ohtsuki SY10-4:Syohei Koyama	**Poster Display** **Poster Presentation** BP Award Finalist **Poster Presentation** Even Numbers **Best Poster Award, Best Oral Presentation Award Ceremony** **Closing Ceremony**	**Commercial Exhibition** **Held in foyer**
Luncheon Seminar 11 Next generation drug discovery pioneered by MPS Chairs:Koji Udagawa, Yoko Ejiri Speakers:Yoko Ejiri, Taro Nakazawa, Shinji Iwasaki Co-sponsored by Molecular Devices, Mimetas Japan	**Luncheon Seminar 12** Pharmacokinetic and Pharmacodynamic analysis to predict clinical efficacy of anticancer agents in preclinical study Chair:Hiroyuki Kusuhara Speaker:Akinobu Hamada Co-sponsored by KONICA MINOLTA	**Luncheon Seminar 13** Artificial adjuvant vector cells for treatment of cancer and infectious diseases Speaker:Shin-ichiro Fujii Co-sponsored by Becton Dickinson	**Luncheon Seminar 14** New Next Generation Solutions Speakers:Oshikata Motoji, Paxton Thanai Co-sponsored by Nihon Waters		**Luncheon Seminar 15** Elucidation of idiosyncratic drug toxicity mechanism associated with HLA and potential application for prediction at preclinical stage Chair:Yoriko Tajima Speaker:Kousei Ito Co-sponsored by Pharmaron Japan	**Luncheon Seminar 16** Data Integrity and Digital Transformation in Pharmaceutical Analysis Laboratories ~Improving Operational Efficiency and Data Reliability with Next-Generation LIMS/SDMS~ Chair:Akio Kori Speaker:Toshikazu Kobayashi Co-sponsored by Agilent Technologies		
Special Symposium 4 In Vitro BBB model The in vitro BBB model in Japan -State-of-the art technology & Future perspective- Chair:Hiroyuki Kusuhara Chair:Shinji Iwasaki CS4-1:Tomomi Furihata CS4-2:Yukio Takeshita CS4-3:Tadahiro Hashita CS4-4:Kenji Kawabata CS4-5:Michiya Matsusaki	**Special Symposium 5** Microscope technology Future perspective of "Tissue clearing technology" for evaluation of biodistribution. Chair:Syunsuke Yamamoto Chair:Sohei Nakayama CS5-1:Ayumu Konno CS5-2:Hiroshi Yamaguchi CS5-3:Hiroshi Yukawa CS5-4:Syunsuke Yamamoto	**Symposium 11** DDS DIS DDS technologies in therapeutic peptides and nucleic acids-development -Introduction of AMED project for DDS- Chair:Tatsuhiro Ishida Chair:Shigeru Kawakami SY11-1:Tomohiro Asai SY11-2:Takashi Nakamura SY11-3:Nobuhiro Nishiyama SY11-4:Masahiro Goto SY11-5:Toru Katsumata SY11-6:Taro Shimizu	**Symposium 12** Regulation DIS Drug-Drug Interactions: Latest trends on pharmacokinetic research including new modality and regulatory harmonization Chair:Naomi Nagai Chair:Akihiro Ishiguro SY12-1:Motohiro Hoshino SY12-2:So Miyoshi SY12-3:Kei Fukuhara SY12-4:Kazuya Maeda	**Oral Presentation 7** Transporter 2 O-23～O-26 Chair:Shingo Ito Chair:Takao Watanabe **Oral Presentation 8** Transporter 3 O-27～O-30 Chair:Tadahaya Mizuno Chair:Yosuke Kaneko	**Toxicology Session** Supported by the Japanese Society of Toxicology Interface between toxicology and DMPK Chair:Tadahiro Shinozawa Chair:Kosei Ito TS-1:Naoki Koyama TS-2:Yuki Seki TS-3:Takashi Yoshikado TS-4:Akihiro Hisaka	**Symposium 13** Educational and Crosscutting DIS Basic course of pharmacokinetics on cross-disciplinary Chair:Tamihide Matsunaga Chair:Takafumi Komori SY13-1:Seigo Sanoh SY13-2:Makoto Ozawa SY13-3:Yoshitane Nozaki SY13-4:Takashi Kitaguchi		