

2023 September 25 (Mon.)

GRANSHIP (Shizuoka Convention and Arts Center)

	Room A 1F Medium Hall - Earth	Room B 11F Conference Hall - Winds	Room C 6F Reception Hall	Room D 10F Conference Room 1001-1&2	Room E 9F Conference Room 910	Room F 1F Main Hall - Ocean	Exhibition 1F Main Hall - Ocean
9:00							
9:30							
10:00			Short Course Opening Ceremony				
			Session 1				
10:30			Target Protein Degradator (TPD)創薬への挑戦				
11:00			Chairs: Harutoshi Kato, Kengo Watanabe				
11:30			SC1-1: Mikihiko Naito SC1-2: Yusuke Tominari SC1-3: Masaya Shimada				
12:00		Luncheon Seminar 2	Luncheon Seminar 1				
		細胞内動態解析への挑戦、 臓器から細胞レベルのイメージングへ Chair: Seiji Okuizumi Speaker: Kenji Nishikawa Speaker: Masataka Oitate Sponsored by KONICA MINOLTA REALM, INC.	Host: Tatsuya Matsumi 肝細胞自身が産生する液性因子による 肝機能の維持メカニズムについて Speaker: Yuji Ishida ヒト肝細胞キメラマウスを用いた ヒト薬物動態予測の精緻化研究 Speaker: Taji Miyake Sponsored by PhoenixBio				
12:30							
13:00			Keynote Lecture				
			血液脳関門通過の先端テクノロジー				
13:30			Chair: Kengo Watanabe Speaker: Takanori Yokota				
14:00							
14:30			Session 2				
			創薬モダリティと評価モダリティの交差点				
15:00			Chairs: Masanori Nagata, Hideo Takakusa				
			SC2-1: Mitsutoshi Setou SC2-2: Shunji Imai				
15:30			Chairs: Kouhei Kiyota, Masataka Oitate				
			SC2-3: Rira Watanabe SC2-4: Syunsuke Yamamoto				
16:00			Session 3				
			Microphysiological Systems (MPS)の創薬実装				
16:30			Chairs: Shinji Iwasaki, Takashi Ueno				
17:00			SC3-1: Norikazu Saiki SC3-2: Kaori Takama SC3-3: Tomoki Imaoka				
17:30			Short Course Closing Ceremony				
18:00	Meeting Opening Ceremony						
	Plenary lecture 1						
18:30	An improved approach to P450 reaction phenotyping Chair: Kiyomi Ito Speaker: R. Scott Obach						
19:00							
19:30						19:15-20:45 Welcome reception 3F Lobby	

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9:00	Symposium 1	Symposium 2	Symposium 3	Symposium 4	Symposium 5	Poster Set-up	Commercial Exhibition
9:30	Regulation DIS Use and regulation of biomarkers in drug development	JSSX-organized Asia-pacific symposium #1 Drug oxidation and metabolism in pharmacology/toxicology	DDS DIS DDS Development Strategies for the Creation of Innovative Drugs	ICCP450 Sustainability, biomarker, and bioremediation: The role of cytochrome P450	ICCP450 Phase II conjugation reactions involved in the regulation of biologically active molecules		
10:00	Chair: Akihiro Ishiguro Chair: Kosuke Saito S01-1: Kosuke Saito S01-2: Hiroyuki Kusuhara S01-3: Ryosuke Watari S01-4: Akihiro Ishiguro S01-5: Yuchen Sun	Chair: Hiroshi Yamazaki S02-1: Hiroshi Yamazaki S02-2: Donghak Kim S02-3: Yune-Fang Ueng S02-4: Verawan Uchaipichat S02-5: T. Thanga Mariappan	Chair: Shigeru Kawakami Chair: Tatsuhiro Ishida S03-1: Hidefumi Mukai S03-2: Makiya Nishikawa S03-3: Hidenori Ando S03-4: Kazunori Shimizu S03-5: Hiroto Hatakeyama	Chair: Hirofumi Ichinose Chair: Mayumi Ishizuka S04-1: Hisato Iwata S04-2: Hideyuki Inui S04-3: Li Ji S04-4: Elizabeth M.J. Gillam	Chair: Sinichi Ikushiro Chair: Katsuhisa Kurogi S05-1: Ming-Cheh Liu S05-2: Shin Yasuda S05-3: Mitsuki Kondo S05-4: Miyu Nishikawa		
10:30							
11:00						Poster Presentation	
11:30						IP-XXX	
12:00							
12:30	Luncheon Seminar 1	Luncheon Seminar 2	Luncheon Seminar 3	Luncheon Seminar 4		JSSX BP Award Interview	
13:00	Using plasma 6β-hydroxycortisol/cortisol ratio for minimally invasive CYP3A phenotyping and its application to drug-drug interaction	Evaluation of antisense oligonucleotides pharmacokinetic properties in mice using LC-MS/MS	New drug discovery screening methodology as multi-organ microphysiological system (MPS)	Introduction of Label-free and Real-time Transporter Measurement System		BP Award Finalist	
13:30	Chair: Shinsuke Aoyama Speaker: Hiromi Shibasaki Sponsored by SEKISUI MEDICAL CO., LTD.	Chair: Naokazu Okamoto Speaker: Kayoko Kanemitsu Sponsored by K.K. AB SCIEX	Chair: Ryo Tanabe Speaker: Yasufumi Wada Sponsored by Nihon Validation Technologies Corporation	Chair: Masateru Miyake Speaker: Mitsuyoshi Shimane Sponsored by Nanion Technologies Japan K.K.		Viewing posters of participants during the interview is not permitted.	
13:30						Poster Display	
14:00	Symposium 6	Symposium 7	Symposium 8	Symposium 9	Symposium 10		
14:30	Regulation DIS Current trends in establishment and implementation of new regulatory guidelines related to pharmacokinetics	JSSX-organized Asia-pacific symposium #2 Frontline Research for Membrane Proteins and Enzymes for Human Diseases	ICCP450 Beyond bone health: Development of novel vitamin D derivatives and vitamin D hydroxylases	ICCP450 Biophysical Techniques for P450 Studies	MOC-JSSX Session Animal models to predict drug metabolism and toxicity in human		
15:00	Chair: Akiko Ishii-Watabe Chair: Naomi Nagai S06-1: Akiko Ishii-Watabe S06-2: Masayo Hashimoto S06-3: Mototsugu Ito S06-4: Ryosuke Kuribayashi S06-5: Tsuyoshi Kobayashi	Chair: Takeo Nakanishi Chair: Sunhapas Soodvilai S07-1: Soodvilai Sunhapas S07-2: Takahiro Ishimoto S07-3: Kyeong-Man Kim S07-4: Lushan Yu S07-5: Takeo Nakanishi	Chair: Toshiyuki Sakaki Chair: Midori Takimoto-Kamimura S08-1: Fumihiro Kawagoe S08-2: Kaori Yasuda S08-3: Rita Ruth Bernhardt S08-4: Yuu Hirano	Chair: Masaki Horitani Chair: Iliia G. Denisov S09-1: Iliia G. Denisov S09-2: Katsumasa Fujita S09-3: Masaki Horitani S09-4: Yoshitaka Bessho	Chair: Hiroshi Suemizu Chair: Kaoru Kobayashi S10-1: Hiroshi Suemizu S10-2: Chise Tateno S10-3: Yasuhiro Kazuki S10-4: Shuiying Hu		
15:30							
16:00	Plenary symposium						
16:30	Remembering Tsuneo Omura: A beloved mentor and a leader in cytochrome P450 and biochemistry						
17:00	Chair: Masahiko Negishi Chair: Yasushi Yamazoe PS1-1: F. Peter Guengerich PS1-2: Bon-Chu Chung PS1-3: Ulrich M. Zanger PS1-4: Rita Ruth Bernhardt PS1-5: Ken-ichirou Morohashi						
17:30							
18:00							
18:30							
19:00							
19:30							

2023 September 27 (Wed.)

GRANSHIP (Shizuoka Convention and Arts Center)

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9:00	Symposium 11	Symposium 12	Symposium 13	Symposium 14	Selected Oral Presentation 1	Poster Display	Commercial Exhibition
9:30	ICCP450 P450 Engineering Innovations in P450 Engineering: Recent Advances and Future Directions	Drug Metabolism and Drug Induced Toxicity DIS Case study on human disproportionate metabolite and its prediction	Drug Absorption DIS DRUG ABSORPTION FROM ZERO: Keys to Successful PBPK Modeling and Simulation of Oral Drug Absorption	ICCP450 Breaking down boundaries: Exploring non-P450 oxygenase			
10:00	Chair: Osami Shoji Chair: Hidehiko Hirakawa	Chair: Satoshi Yamaori Chair: Daigo Asano	Chair: Yoshiyuki Shirasaka Chair: Toshimichi Nakamura	Chair: Takeshi Uchida Chair: Masakazu Sugishima	Chair: Yuji Ishii Chair: Yuu Miyauchi		
10:30	S11-1: S11-2: Vlada B. Urlacher S11-3: Hidehiko Hirakawa S11-4: Thomas M. Makris S11-5: Yichi Zhang S11-6: Victoria Barros Metlova	S12-1: Daigo Asano S12-2: Shotaro Uehara S12-3: Kazutaka Sekiguchi S12-4: Hidetaka Kamimura	S13-1: Yoshiyuki Shirasaka S13-2: Atsushi Kambayashi S13-3: Tatsuki Mochizuki S13-4: Satoshi Asano	S14-1: Jonathan A. R. Worrall S14-2: Wei-Hau Chang S14-3: Lennart Brewitz S14-4: Masakazu Sugishima	SOP1-1: Albert Braeuning SOP1-2: Tatsuya Sueyoshi SOP1-3: Dave Arthur Robledo SOP1-4: Damjana Rozman SOP1-5: Sayaka Deguchi SOP1-6: Reiko Watanabe SOP1-7: Tamana Enami		
11:00							
11:30		Luncheon Seminar 5	Luncheon Seminar 6	Luncheon Seminar 7			
12:00		Efforts to use and automate Organoid on a chip for more advanced prediction of biological functions in human body Chairs: Yoko Ejiri, Koji Udagawa Speakers: Yoko Ejiri, Koji Udagawa Sponsored by Mimetec Japan K.K./Molecular Devices Japan, LLC.	New technology to allow increased sensitivity and selectivity for the MS imaging of therapeutically relevant doses in drug development Speakers: Motoji Oshikata, Hiroko Iwasaki Sponsored by Nihon Waters K.K.	Successfully executing hAME studies – Insights and experiences from 500 studies Chair: Anthony Vo Speaker: John Kendrick Sponsored by Labcorp Laboratories Japan G.K.			
12:30						Poster Presentation	
13:00						2P-XXX	
13:30						Poster Display	
14:00		基礎教育コース		The predoctoral Researcher- Initiative Session (PRIS) 2023	JSSX-sponsored event: Industry Networking Session for Young Researchers from Industries		Rapid Fire Talk
14:30		Speaker: Shingo Nagano Speaker: Tomoya Hino Speaker: Yusuke Sato Language: Japanese only		Challenges of next-generation researchers to create knowledge and skills Chair: Takumi Sato Chair: Yoshiki Hashimoto PSY-EL: Yuu Miyauchi PSY-1: Ryo Nakamura PSY-2: Hiroki Sunakawa PSY-3: Takumi Tanaka PSY-4: Yasuhito Tsukushi PSY-5: Takumi Iwasaka PSY-6: Reiya Yamashita	Advance registration required, Language: Japanese only.		KONICA MINOLTA REALM Shin Nippon Biomedical Laboratories WuXi AppTec Japan SOLVO Biotechnology KAC Central Institute for Experimental Animals
15:00							
15:30							
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18:00	18:00-20:00						
18:30							
19:00	Banquet HOTEL GRAND HILLS SHIZUOKA 5F "Century Room"						
19:30							

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9:00	Symposium 15	Symposium 16	Symposium 17	Symposium 18	Symposium 19	Poster Display	Commercial Exhibition
9:30	Drug Metabolism and Drug Induced Toxicity DIS Frontiers of drug metabolism/toxicity studies using novel in vitro and in silico evaluation systems Chair: Kousei Ito Chair: Yoshiteru Kamiyama S15-1: Ryuji Kato S15-2: Akinori Takemura S15-3: Kazuya Maeda S15-4: Yoshiya Yamamura	ICCP450 Structure and Chemistry of the P450 System Chair: Shingo Nagano Chair: Emily E. Scott S16-1: Shengying Li S16-2: Andrew J. Devine S16-3: Xiaoliang Wang S16-4: Satoshi Nagao	BioAnalysis and BioImaging DIS Single-cell analytical techniques to visualize detailed pharmacokinetics Chair: Hideo Takakusa Chair: Kosuke Saito S17-1: Hajime Mizuno S17-2: Asami Toshima S17-3: Yoshihiro Izumi S17-4: Yuji Nashimoto S17-5: Siyu Liu S17-6: Natsuki Makiguchi	Transporter DIS Future perspectives in transporter-driven drug development Chair: Sumio Ohtsuki Chair: Kazuya Maeda S18-1: Yuji Sakurai S18-2: Hiroshi Arakawa S18-3: Yoshitane Nozaki S18-4: Katsuhisa Inoue	ICCP450 Neonicotinoids and P450; metabolism of neonicotinoids in insects, fungi, vertebrates, and humans Chair: Satoshi Yamaori Chair: Hirofumi Ichinose S19-1: Shinichi Banba S19-2: Akiya Jouraku S19-3: Hirofumi Hirai S19-4: Mayumi Ishizuka, Shouta Nakayama, Yoshinori Ikenaka		
10:00							
10:30							
11:00							
11:30						Poster Presentation	
12:00						3P-XXX	
12:30						Poster Display	
13:00	Luncheon Seminar 8 Electronic laboratory notebook that promotes collaboration and utilization from accumulation of information Speaker: Takayoshi Matsubara Sponsored by Revvity Japan Co., Ltd.	Luncheon Seminar 9 Introduction of 4D-omics for drug discovery and PK/PD studies Speaker: Ryo Nakabayashi Sponsored by Bruker Japan K.K.	Luncheon Seminar 10 Enhancing Solubility and Achieving Sustained Release of Poorly Water-Soluble Compounds Utilizing the Novel Pharmaceutical Excipient SonosolTM (Hyaluronic Acid Nanogel) Challenges in conducting DMPK studies in Japan and Solutions which Pharmaron can provide Chair: Takushi Kanazu Speakers: Takashi Nakai, Masaki Ishigai Sponsored by Pharmaron Japan, LLC.	Luncheon Seminar 11 To The Future of Microscopy Imaging Chair: Shintaro Tanaka Speakers: Syunsuke Yamamoto, Miyu Nakayama, Toshiyuki Hatano Sponsored by Leica Microsystems, K.K.			
13:30							
14:00	Plenary lecture 2 Bile Acid Generating-Cytochrome P450 8B1: Structure/Function Towards Drug Design Chair: Kouichi Yoshinari Speaker: Emily E. Scott						
14:30							
15:00	Symposium 20	Symposium 21	JSSX Award Ceremony	Symposium 22	Symposium 23		
15:30	Modeling and Systems Pharmacology DIS Comprehension of the present and future of systems modeling in drug discovery -Bridging from the traditional model analysis to the latest research- Chair: Koji Chiba S20-1: Teruki Hamada Chairs: Chie Emoto, Tsuyoshi Minematsu S20-2: Amin Rostami-Hodjegan Chairs: Hiroyuki Sayama, Satoshi Nakayama S20-3: Takashi Yoshikado Chairs: Yoshinobu Nakamaru, Ryoko Sawamura S20-4: Shinji Yamazaki Chairs: Shinichi Kijima, Yuki Iwaki S20-5: Wangda Zhou Panel Discussion Chairs: Koji Chiba, Teruki Hamada	ICCP450 Mechanisms and Dynamics of P450 Chair: Takehiko Tosha Chair: Yuma Morimoto S21-1: Alec H. Follmer S21-2: Michael T. Green S21-3: Mitsuo Shoji S21-4: Binju Wang S21-5: Peter Moody	New JSSX President's Lecture Chair: Fumiyoshi Yamashita, Speaker: Yukio Kato JSSX Award Winners' Presentation JSSX Award: Tamihide Matsunaga Young Scientists Award: Hiroto Hatakeyama Young Scientists Award: Yusuke Masuo Young Industrial Scientists Award: Katsunori Sasahara	ICCP450 New Horizons in Nuclear Receptor Research: Novel Molecular Mechanisms and Beyond Chair: Toshiyuki Sakaki Chair: Masahiko Negishi SY22-1: Ryota Shizu SY22-2-1: Ryota Shizu, Kouichi Yoshinari SY22-2-2: Hongbing Wang SY22-3: Grace Guo SY22-4: Naoki Harada SY22-5: Taosheng Chen SY22-6: Toshiyuki Sakaki	Educational and Crosscutting DIS Basic course of pharmacokinetics on cross-disciplinary Chair: Seigo Sanoh Chair: Tomomi Furihata S23-1: Kaoru Kobayashi S23-2: Kazuya Maeda S23-3: Takahiro Iwao S23-4: Shimpei Terasaka S23-5: Takanobu Matsuzaki		
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9:00	Symposium 24	Symposium 25	Symposium 26	Symposium 27	Symposium 28	Poster Display	Commercial Exhibition
9:30	Microphysiological system and iPS DIS Recent trends in MPS development and its applications to drug discovery —What is happening towards industrial implementation and regulatory acceptance in Japan? — Chair: Hiroyuki Mizuguchi Chair: Hideki Hirabayashi S24-1: Shinji Iwasaki S24-2: Wataru Kishimoto S24-3: Seiichi Ishida S24-4: Takeshi Sakura S24-5: Yuki Yamamoto S24-6: Takashi Osaka	ICCP450 P450 Across Plant, Insect, and Microbial Systems Chair: Hirofumi Ichinose Chair: Masaharu Mizutani Chair: Toshiyuki Ohnishi S25-1: Max J. Cryle S25-2: Birger Lindberg Møller S25-3: Kentaro Itokawa S25-4: Harro J. Bouwmeester S25-5: Hirofumi Ichinose	ADMET and AI: What we can do now and what we need to do in the future. Chair: Kouichi Yoshinari Chair: Kenji Mizuguchi S26-1: Kenji Mizuguchi S26-2: Chunzhi Ai S26-3: Koichi Handa S26-4: Yui Migura	Drug Efficacy and Safety DIS Lymphatic and glymphatic system from the perspective of drug development and clinical therapeutics Chair: Masanori Tachikawa Chair: Yuki Kishino S27-1: Masanori Tachikawa S27-2: Tetsuya Kodama S27-3: Kaoru Yamada S27-4: Makoto Hirasawa S27-5: Syunsuke Yamamoto	ICCP450 The power of metalloenzymes: Insights from model complexes and beyond Chair: Hiroshi Fujii Chair: Wonwoo Nam S28-1: Hiroshi Fujii S28-2: Wonwoo Nam S28-3: Tsunehiko Higuchi S28-4: David P. Goldberg		
10:00							
10:30							
11:00							
11:30	Plenary lecture 3 Biotransformation of Non-Native Substrates by Cytochrome P450s Utilizing Their Substrate Misrecognition Triggered by Decoy Molecules Chair: Shingo Nagano Speaker: Osami Shoji						
12:00							
12:30		Luncheon Seminar 12 Pharmacokinetic Evaluation of New Modalities Chair: Akihito Shimoi Speaker: Yasuharu Nakanishi Sponsored by Shin Nippon Biomedical Laboratories, Ltd.					
13:00							
13:30							
14:00	Symposium 29 New modality DIS Rising to the challenge: First-in-human dose determination of new therapeutic modalities Chair: Syunsuke Yamamoto Chair: Makiya Nishikawa S29-1: Kazushige Maki S29-2: Akihiko Goto S29-3: Miho Nagayasu S29-4: Tsuyoshi Karibe	Symposium 30 ICCP450 Oxygenase in natural product biosynthesis Chair: Osami Shoji Chair: Takahiro Mori S30-1: Yudai Matsuda S30-2: Takahiro Mori S30-3: Shunji Takahashi S30-4: Takehiko Tosha Co-sponsored: "Forecasting Biosynthesis" in the JSPS Grant-in-Aid for Transformative Research Areas (A)	Symposium 31 IQ Consortium Symposium Advance Technologies in DMPK Research for Drug Development Chair: Akihiro Hisaka Chair: Takeshi Tajima S31-1: Natalie A. Hosea S31-2: Surinder Kaur S31-3: Prashant Desai S31-4-1: Ryuta Saito S31-4-2: Kenichi Umehara S31-5: Tycho Heimbach	Symposium 32 Drug Metabolism and Drug Induced Toxicity DIS Application of biomarkers for prediction of drug metabolism and toxicity, and diagnosis Chair: Seigo Sanoh Chair: Toru Usui S32-1: Ryouyusuke Kobayashi S32-2: Sumio Ohtsuki S32-3: Kosuke Saito S32-4: Koretsugu Ogata S32-5: Takafumi Akabane	Selected Oral Presentation 2 Chair: Jonathan Worrall Chair: Shinya Ariyasu SOP2-1: Peter J. Roy SOP2-2: Svetlana Gorina SOP2-3: Yasuhiro Tateishi SOP2-4: Erisa Harada SOP2-5: Alix Charles Harlington		
14:30							
15:00							
15:30							
16:00	Awards ceremony and Closing						
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