

シンポジウム Symposia

Sunday, 26 March 10:40 ~ 11:45 / 13:15 ~ 17:40

Plenary Lecture: Room B Tachibana Conference Hall, Sendai International Center (Conference building 2F)

Invited Poster Presentation: Room G Meeting Room 4, Sendai International Center (Conference building 2F)

第3回国際創薬シンポジウム ISMS

3rd International Symposium for Medicinal Sciences

10:40 ~ 10:45

Opening Remark

Chairman: Akira OTAKA (Tokushima University)

10:45 ~ 11:45

Plenary Lecture 1

Chairman: Tsuneaki SAKATA (Shionogi & Co., Ltd.)

ISMS-PL01 Robot Scientists: Automating Drug Design

Ross D. KING (University of Manchester)

13:15 ~ 14:15

Plenary Lecture 2

Chairman: Tatsuhiko KODAMA (The University of Tokyo)

ISMS-PL02 Recent Advances in cryo-EM: Applications to Drug Discovery

Sriram SUBRAMANIAM (National Cancer Institute, NIH)

14:20 ~ 17:40

Invited Poster Presentation

14:20 ~ 16:00 Short Presentation for Invited Poster Presentation

16:00 ~ 17:40 Poster Presentation

Discussion Odd Number: 16:00 ~ 16:50

Even Number: 16:50 ~ 17:40

26G-ISMS01 Unstructured Protein : A New Approach for Drug Discovery

○ Takenao ODAGAMI¹, Yoichiro HIROSE¹, Yoshimasa IMAMURA¹, Akira KATOH¹,
Tadashi MISHINA¹, Hiroyuki KOUJI¹ (¹Research & Development, PRISM BioLab Co., Ltd.)

26G-ISMS02 Development of Macrocyclic Peptide Targeting Ebola Glycoprotein

○ Shiori UMEMOTO¹, Junki MARUYAMA², Ayato TAKADA², Hiroaki SUGA¹ (¹Department
of Chemistry, Graduate School of Science, The University of Tokyo, ²Department of Global Epidemiology, Research
Center for Zoonosis Control, Hokkaido University)

26G-ISMS03 Combinatorial Solid-Phase Synthesis and Biological Evaluation of Cyclodepsipeptide Destruxin B as a Negative Regulator for Osteoclast Morphology

○ Hiroshi SATO^{1,2}, Masahito YOSHIDA¹, Hayato MURASE³, Hiroshi NAKAGAWA³,
Takayuki DOI¹ (¹Graduate School of Pharmaceutical Sciences, Tohoku University, ²Mitsubishi Tanabe Pharma
Corporation, ³Department of Applied Biological Chemistry, Chubu University)

26G-ISMS04 SAR Exploration of Selective Kinase Inhibitors based on the "Head-to-Tail" Approach: Discovery of PI4KIII α Inhibitors Bearing Diverse Scaffolds

○ Satoru NOJI¹, Noriyoshi SEKI¹, Takaki MAEBA¹, Takayuki SAKAI¹, Eiichi WATANABE¹,
Katsuya MAEDA¹, Kyoko FUKUSHIMA¹, Toru NOGUCHI¹, Kazuya OGAWA¹,
Yukiyo TOYONAGA¹, Tamotsu NEGORO¹, Hisashi KAWASAKI¹, Makoto SHIOZAKI¹
(¹Central Pharmaceutical Research Institute, Japan Tobacco Inc.)

- 26G-ISMS05 Search for Anti-leukemic Drugs Targeting the Transcription Factor Runx1 by INTENDD**
 ○ Masaaki SHIINA¹, Shiho BABA¹, Akiko UCHIYAMA¹, Chikako OKADA¹, Takeshi TANAKA², Ken IKEDA², Shigetsugu KAWAKITA², Takao MATSUZAKI², Hirotsugu KOMATSU², Masato HOSODA², Kazuhiro OGATA¹ (¹Yokohama City University, Graduate School of Medicine, ²Interprotein Corporation)
- 26G-ISMS06 Evaluation of Novel Anti-Dengue Candidates Using *In Silico* and *In Vitro* Approaches**
 ○ Yu-Shi TIAN¹, Hitoshi MATSUDA², Xinzhe LIU², Norihito KAWASHITA^{2,3}, Tatsuya TAKAGI^{2,3} (¹Graduate School of Information Science and Technology, Osaka University, ²Graduate School of Pharmaceutical Sciences, Osaka University, ³ Graduate School of Information Science and Technology, Osaka University Research Institute for Microbial Diseases)
- 26G-ISMS07 Development and Construction of an Original Compound Library for CNS Drug Discovery: Combining Computational and Wet Data to Enhance CNS Drug-likeness**
 ○ Daiju HASEGAWA¹ (¹Medicinal Chemistry, Neurology Tsukuba Research Department, Discovery, Medicine Creation, Neurology Business Group, Eisai Co., Ltd.)
- 26G-ISMS08 Structure-based Design, Synthesis, and Biological Evaluation of Imidazo[1,2-*b*] Pyridazine- based p38 MAP Kinase Inhibitors**
 ○ Akira KAIEDA¹, Masashi TAKAHASHI¹, Takafumi TAKAI¹, Masayuki GOTO¹, Takahiro MIYAZAKI¹, Yuri HORI¹, Satoko UNNO¹, Tomohiro KAWAMOTO¹, Toshimasa TANAKA¹, Sachiko ITONO¹, Terufumi TAKAGI¹, Teruki HAMADA¹, Mikio SHIRASAKI¹, Kengo OKADA¹, Gyorgy SNEEL², Ken BRAGSTAD², Bi-Ching SANG², Osamu UCHIKAWA¹, Seiji MIWATASHI¹ (¹Takeda Pharmaceutical Company Limited, ²Takeda California, Inc.)
- 26G-ISMS09 Flow Chemistry: New Horizons in Chemical Space for the Creation of Next Generation Libraries**
 Daniel BLANCO-ANIA³, Sagar Ashok GAWADE¹, Luuk MAARTENSE¹, Roel VERLEIJSDONK¹, Remco MERKX², Huib OVAA², Floris RUTJES¹, Marjon BOLSTER³, Luc ZWINKELS³, Joeri SCHEIDT³, Pauline van MEURS³, Jorg BENNINGSHOF³,
 ○ Norimasa MORITA³ (¹Radboud University, ²Leiden UMC (Former NKI), ³Mercachem)
- 26G-ISMS10 Transition Metal-Free, Tryptophan-Selective Bioconjugation of Proteins**
 ○ Kounosuke OISAKI¹, Yohei SEKI¹, Takashi ISHIYAMA¹, Daisuke SASAKI^{1,2}, Junpei ABE¹, Yohei SOHMA^{1,2}, Motomu KANAI^{1,2} (¹Graduate School of Pharmaceutical Sciences, The University of Tokyo, ²JST, ERATO Kanai Life Science Catalysis Project)
- 26G-ISMS11 Total Synthesis of Halichondrin A and C**
 ○ Akihiko YAMAMOTO¹, Atsushi UEDA¹, Paul BRÉMOND¹, Paolo S. TISENI¹, Daisuke KATO¹, Yoshito KISHI¹ (¹Department of Chemistry and Chemical Biology, Harvard University)
- 26G-ISMS12 Parallel Fluorescent Probe Synthesis Based on the Large-scale Preparation of BODIPY FL Propionic Acid**
 ○ Taisuke KATOH¹, Masato YOSHIKAWA¹, Takeshi YAMAMOTO¹, Ryosuke ARAI¹, Noriyuki NII¹, Yoshihide TOMATA¹, Shinkichi SUZUKI¹, Ryoukichi KOYAMA¹, Nobuyuki NEGORO¹, Takatoshi YOGO¹ (¹Pharmaceutical Research Division, Takeda Pharmaceutical Company, Ltd)
- 26G-ISMS13 Improvement in Pharmacokinetics and *In Vivo* Activity of Somatostatin by Chemical Glycosylation**
 ○ Hirofumi OCHIAI¹, Jun IGARASHI¹, Hayato SAIJO¹, Takahiro YAMAMOTO¹, Yuji NISHIUCHI¹, Akio KANATAN¹, Taiji SHIMODA¹ (¹GlyTech, Inc.)
- 26G-ISMS14 Development of an Oxidative Mizoroki-Heck Reaction for Late-stage C-H Functionalization of Complex Molecules and Application to Pharmaceutical Studies**
 ○ Kenji WATANABE¹, Amrita DAS¹, Takumi KIMIJIMA¹, Tomohiro YAMASHITA¹, Kazuhide INOUE¹, Makoto TSUDA¹, Takashi OHSHIMA¹ (¹Graduate School of Pharmaceutical Sciences, Kyushu University)

- 26G-ISMS15 Functional Characterization of Acetylcholine Receptors in Human Hippocampus-Derived Neurons**
 ○ Kazuyuki FUKUSHIMA¹, Kazuto YAMAZAKI², Norimasa MIYAMOTO³, Kohei SAWADA³ (¹Neurology Tsukuba Research Department, Discovery, Medicine Creation, Neurology Business Group, Eisai Co., Ltd., ²Technology Cross Point Laboratory, hhc Data Creation Center, Eisai Co., Ltd., ³Global CV Assessment, BA CFU, Medicine Development Center, Eisai Co., Ltd.)
- 26G-ISMS16 Analgesic Effect of Novel 11 β -HSD1 Inhibitor ASP3662 and its Mechanism of Action in a Spinal Nerve Ligation Model of Neuropathic Pain**
 ○ Tetsuo KISO¹, Toshihiro SEKIZAWA¹, Mina TSUKAMOTO¹, Junko YARIMIZU¹, Shuichiro KAKIMOTO¹ (¹Drug Discovery Research, Astellas Pharma Inc.)
- 26G-ISMS17 Atomic-Scale Investigation on Acetaminophen Crystals with Stable and Metastable Phases by Frequency Modulation Atomic Force Microscopy in Aqueous Solution**
 ○ Naritaka KOBAYASHI¹, Kazuki OKANO², Yoichiro MORI³, Shun FUKUKITA³, Mihoko MARUYAMA⁴, Hiroaki ADACHI^{3,5}, Kazufumi TAKANO^{4,5}, Satoshi MURAKAMI^{5,6}, Hiroyoshi MATSUMURA^{5,7}, Tsuyoshi INOUE^{3,5}, Masashi YOSHIMURA^{5,8}, Yusuke MORI^{3,5}, Seiichiro NAKABAYASHI¹, Hiroshi YOSHIKAWA^{1,3} (¹Graduate School of Science and Engineering, Saitama University, ²Faculty of Science, Saitama University, ³Graduate School of Engineering, Osaka University, ⁴Graduate School of Life and Environmental Sciences, Kyoto Prefectural University, ⁵SOSHO, Inc., ⁶Graduate School of Bioscience and Biotechnology, Tokyo Institute of Technology, ⁷College of Life Science, Ritsumeikan University, ⁸Institute of Laser Engineering, Osaka University)
- 26G-ISMS18 Anti-inflammatory Flavan-dihydrochalcones with Unprecedented Carbon Skeletons from *Daemonorops Draco***
 ○ Ping-Chung KUO¹, Hsin-Yi HUNG¹, Tsong-Long HWANG², Tian-Shung WU¹ (¹ School of Pharmacy, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, ² Graduate Institute of Natural Products, College of Medicine, Chang Gung University)
- 26G-ISMS19 Development of a Fully Automated HPLC System (ASAPrepTM) Designed for Multiple Compound Purifications**
 ○ Chie KUSHIBE¹, Katsuhiko MIWA¹, Hidetoshi TERADA², Yuji KATSUYAMA² (¹Medicinal Chemistry Research Laboratories, Pharmaceutical Research Division, Takeda Pharmaceutical Company Limited, ²Life Science Business Department, Analytical & Measurement Instruments Division, Shimadzu Corporation)
- 26G-ISMS20 Discovery of a Novel PDE10A Inhibitor as Highly Effective for Schizophrenia**
 ○ Yoichi KADOH¹, Takehiko MATSUMURA¹, Yoshihito TANAKA¹, Mitsuya HONGU¹, Haruko MIYOSHI¹, Mayumi KIMURA¹, Kei TAKEDOMI¹, Kenji OMORI¹, Jun KOTERA¹, Takashi SASAKI¹, Kiichi TANAKA¹, Keiko MIWA¹, Tamaki KOBAYASHI¹, Hiroyuki TANIGUCHI¹, Taketoshi ISHII¹, Yumi WATANABE¹, Haruna ITODA¹, Rikiya OHASHI¹, Kouki KOJIMA¹, Masaya FUKUDA¹, Saori SATO¹, Itsuko NAKAMURA¹, Toshiaki SAKAMOTO¹, Toshiyuki HIMIYAMA¹, Masataka HIKOTA¹, Eiji KAWANISHI¹ (¹Mitsubishi Tanabe Pharma Corporation)
- 26G-ISMS21 Nucleic Acid Drugs Large Scale Manufacturing and Specification Assay- Equivalency Solid Phase versus AJIPHASE® and Oligonucleotide Sequences Confirmation for IND and NDA**
 ○ Satoshi INOUE¹, Hirokazu NANKAI¹, Emi SAITO¹, Hideaki SATO¹, Kazuhiko YUYAMA¹ (¹GeneDesign, Inc.)
- 26G-ISMS22 Amycolamicin, a Novel Antibiotic as a Promising Candidate for *Clostridium Difficile* Infection: Antibacterial Activity, Mode of Action, and *In Vivo* Efficacy**
 ○ Yoshimasa ISHIZAKI¹, Kazushige SASAKI¹, Hideki HASHIZUME¹, Chigusa HAYASHI¹, Kunio INOUE¹, Hayamitsu ADACHI¹, Yoshiaki TAKAHASHI¹, Masayuki IGARASHI¹, Yoshio NISHIMURA¹, Yuzuru AKAMATSU¹, Akio NOMOTO¹, Masakatsu SHIBASAKI¹ (¹Institute of Microbial Chemistry (BIKAKEN))
- 26G-ISMS23 Identification and Optimization of a Novel Series of Tetrahydroisoquinoline Derivatives as an Orally Active MGAT2 Inhibitor**
 ○ Tsuyoshi BUSUJIMA¹, Hiroaki TANAKA², Eiji MUNETOMO³, Kiyokazu KITANO³, Masako SAITO³ (¹Pharmaceutical Science Laboratories, ²Chemistry Laboratories, ³Pharmacology Laboratories, Taisho Pharmaceutical Co., Ltd.)

- 26G-ISMS24** Discovery of Novel Fluoroquinolone Antibiotics WFQ-101 and Its Optimization Study
 ○ Tatsuya HIRANO¹, Tomohiko KINOSHITA¹, Daichi KAZAMORI¹, Satoshi INOUE¹, Kouji NISHIMURA¹, Asuka SAKURAI¹, Ayuka SASAKI¹, Yasuhiro KURAMOTO¹, Hirotaka AMANO¹, Akira YAZAKI¹ (¹Drug Discovery Laboratory, Wakunaga Pharmaceutical Co., Ltd.)
- 26G-ISMS25** Anti-CTLA-4 Antibody scFv Producing Recombinant *Bifidobacterium* Secretes CTLA-4 Blocker Specifically Inside Hypoxic Tumor and Suppresses Tumor Growth in Syngeneic Mice Model
 ○ Shiro KATAOKA¹, Koichiro SHIOYA¹, Li WANG¹, Tomio MATSUMURA¹, Hitomi SHIMIZU¹, Yasuyoshi KANARI¹, Yuji SEKI¹, Yuko SHIMATANI¹, Minoru FUJIMORI², Shun'ichiro TANIGUCHI³ (¹Anaeropharma Science, Inc., 19-8, Nihonbashi Kabutocho, Chuo-ku, Tokyo 103-0026, Japan, ²Department of Breast Surgery, Tokyo Medical University Ibaraki Medical Center, Ibaraki, Japan, ³Department of Comprehensive Cancer Therapy, Shinshu University School of Medicine)
- 26G-ISMS26** Structural Basis for Activation of *Neisseria Meningitidis* Elongation Factor P with Arginine-32 Rhamnosylation by EarP
 ○ Toru SENGOKU¹ (¹RIKEN Structural Biology Laboratory)
- 26G-ISMS27** Design, Synthesis and Biological Evaluation of a Novel Series of Peripheral-selective Noradrenaline Reuptake Inhibitor, Part I -Lead Series Discovery and Biological Concept Validation-
 ○ Ikuo FUJIMORI¹, Tomoya YUKAWA¹, Taku KAMEI¹, Yoshihisa NAKADA¹, Nobuki SAKAUCHI¹, Masami YAMADA¹, Yusuke OHBA¹, Maiko TAKIGUCHI¹, Masako KUNO¹, Izumi KAMO¹, Hideyuki NAKAGAWA¹, Teruki HAMADA¹, Tomoko IGARI¹, Teruaki OKUDA¹, Satoshi YAMAMOTO¹, Tetsuya TSUKAMOTO¹, Yuji ISHICHI¹, Hiroyuki UENO¹ (¹Takeda Pharmaceutical Company Limited)
- 26G-ISMS28** Design, Synthesis and Biological Evaluation of a Novel Series of Peripheral-selective Noradrenaline Reuptake Inhibitor, Part II -Lead Optimization with Avoiding P-gp Substrate and Genetic Polymorphism-
 ○ Tomoya YUKAWA¹, Ikuo FUJIMORI¹, Taku KAMEI¹, Yoshihisa NAKADA¹, Nobuki SAKAUCHI¹, Masami YAMADA¹, Yusuke OHBA¹, Hiroyuki UENO¹, Maiko TAKIGUCHI¹, Masako KUNO¹, Izumi KAMO¹, Hideyuki NAKAGAWA¹, Yasushi FUJIOKA¹, Tomoko IGARI¹, Yuji ISHICHI¹, Tetsuya TSUKAMOTO¹ (¹Takeda Pharmaceutical Company Limited)
- 26G-ISMS29** *Ex Vivo* Gene-manipulated Mature Adipocytes: Novel Gene Therapy Medicine for Sustained Protein Replacement Therapy of Variety of Intractable Diseases
 ○ Masayuki KURODA¹, Hideaki BUJO², Koutaro YOKOTE³, Yasushi SAITO⁴, Masayuki ASO⁵ (¹Center for Advanced Medicine, Chiba University, ²Department of Clinical Laboratory Medicine, Toho University Medical Center Sakura Hospital, ³Department of Clinical Cell Biology and Medicine, Graduate School of Medicine, Chiba University, ⁴Superintendent of the hospital bureau, City Hall of Chiba, ⁵CellGenTech, Inc.)
- 26G-ISMS30** Application of Novel Highly Immunodeficient Mice for Patient Derived Xenograft (PDX) Model and Evaluation of Anticancer Therapy
 ○ Seiji OKADA¹, Kulthida VAETEEWOOTTACAHN¹, Hiroki GOTO¹, Ryusho KARIYA¹ (¹Center for AIDS Research and Graduate School of Medical Sciences, Kumamoto University)
- 26G-ISMS31** The Unbound Concentration of Multimodal Drugs in the Assay Medium Used in the Multi-electrode Array System for Cardiac Risk Assessment with iPS Cell-derived Cardiomyocytes
 ○ Takashi YOSHINAGA^{1,4}, Raku SINKYO², Kiyomi KIKUCHI², Tomohiko TANIGUCHI^{1,4}, Yuko SEKINO^{3,4}, Kohei SAWADA^{1,4} (¹Global CV Assessment, Eisai Co., Ltd., ²Global DMPK, Eisai Co., Ltd., ³Division of Pharmacology, National Institute of Health Sciences, ⁴Japan iPS Cardiac Safety Assessment (JiCSA))

- 26G-ISMS32** Discovery of ASP3026, a Potent and Selective Anaplastic Lymphoma Kinase (ALK) Inhibitor
 ○ Kazuhiko IKUBO¹, Yutaka KONDOH¹, Itsuro SHIMADA¹, Takahiro MATSUYA¹, Kenichi MORI¹, Yoko UENO¹, Sadao KUROMITSU¹, Minoru OKADA¹ (¹Astellas Pharma Inc.)
- 26G-ISMS33** Immune Profiling with a New NGS-based Repertoire Analysis
 ○ Takaji MATSUTANI¹, Kazutaka KITAURA¹, Hiroshi YAMASHITA¹, Hitomi AYABE¹, Hiroyuki SATO¹, Yuichi MORITA¹, Tadasu SHINI^{2,3}, Ryuji SUZUKI^{1,3} (¹Repertoire Genesis Incorporation, ²BITS. Co., Ltd., ³Clinical Research Center for Rheumatology and Allergy, Sagami National Hospital)
- 26G-ISMS34** Cyclodextrin-based Supramolecular Drug Carriers and Active Pharmaceutical Ingredients
 ○ Taishi HIGASHI¹, Keiichi MOTOYAMA¹, Hidetoshi ARIMA^{1,2} (¹Department of Physical Pharmaceutics, Graduate School of Pharmaceutical Sciences, Kumamoto University, ²Program for Leading Graduate Schools "HIGO (Health life science: Interdisciplinary and Global Oriented) Program", Kumamoto University)
- 26G-ISMS35** Antifungal Activities and Nonclinical Pharmacokinetics of APX001A/APX001 (E1210/E1211), a New Broad-Spectrum Antifungal, with a New Mode of Action
 ○ Takaaki HORII¹ (¹Global Health Research Section, hhc Data Creation Center, Eisai Co., Ltd.)
- 26G-ISMS36** Synthesis and Evaluation of Potent, Orally Available, Well-balanced EP2 and EP3 Dual Agonists
 ○ Akihiro KINOSHITA¹, Masato HIGASHINO¹, Koji YOSHIDA¹, Yoshiyuki ARATANI¹, Akito KAKUUCHI¹, Keisuke HANADA¹, Hiroyuki TAKEDA¹, Toshikiko NISHIYAMA¹, Hidekazu MATSUYA¹, Kazuyuki OHMOTO¹ (¹Medicinal Chemistry Research Laboratories, Ono Pharmaceutical Co., Ltd.)
- 26G-ISMS37** Novel Development of Chemotherapy for Relapsed and Refractory AML Based on the Promising Functional Mechanism of Cytidine Analog, DFP-10917
 ○ Masakazu FUKUSHIMA¹, Kenzo IIZUKA¹, Chung ZHANG¹, Cheng JIN¹, Kiyoshi ESHIMA¹ (¹Division of Research and Development, Delta-Fly Pharma, Inc.)
- 26G-ISMS38** System-wide Temporal Characterization of the Phosphoproteome of Non-small-cell Lung Cancer Cells Treated with Erlotinib
 ○ Adachi JUN¹, Yuichi ABE¹, Maiko SHIMIZU¹, Marina KISHIDA¹, Ayako SATO¹, Takeshi TOMONAGA¹ (¹Laboratory of Proteome Research National Institutes of Biomedical Innovation, Health and Nutrition)
- 26G-ISMS39** Identification of WAC-224, a Novel Anticancer Quinolone as a Human Topoisomerase II Inhibitor
 ○ Tomonori YAMAGUCHI¹, Kenji ITOH¹, Taichi UESHIMA¹, Rumiko SHIMABARA¹, Yohei KAWAKUBO¹, Masayuki SATO¹, Junpei YAMASHITA¹, Tatsuya HIRANO¹, Akira YAZAKI¹ (¹Drug Discovery Laboratory, Wakunaga Pharmaceutical Co., Ltd.)
- 26G-ISMS40** Lenvatinib Mesilate (LEN) Enhanced Antitumor Activity of a PD-1 Blockade Agent by Potentiating Th1 Immune Response
 ○ Yu KATO¹, Xingfeng BAO², Shannon MACGRATH², Kimiyo TABATA¹, Yusaku HORI¹, Sho TACHINO¹, Mark MATIJEVICI², Yasuhiro FUNAHASHI¹, Junji MATSUI¹ (¹Eisai Co., Ltd., Tsukuba, Ibaraki, Japan, ²Eisai Inc. Andover, MA, USA)
- 26G-ISMS41** Identification of Blood-based Gene Expression Biomarkers for Major Depressive and Bipolar Disorders
 ○ Seiji NAKAMURA¹, Hiroaki HORI², Yohei ISHIZAWA¹, Kenichi MATSUBARA¹, Ryo MATOBA¹, Hiroshi KUNUGI² (¹DNA Chip Research Inc., ²Department of Mental Disorder Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry)

- 26G-ISMS42** *Anti-Helicobacter Pylori* Activity of a Novel Derivative of Intervenin
○ Tomokazu OHISHI¹, Toru MASUDA¹, Shun-ichi OHBA¹, Chigusa HAYASHI², Hikaru ABE³, Masayuki IGARASHI², Takumi WATANABE³, Daniel Ken INAOKA⁴, Kiyoshi KITA⁵, Masakatsu SHIBASAKI³, Manabu KAWADA^{1,6} (¹Institute of Microbial Chemistry (BIKAKEN), Numazu, Microbial Chemistry Research Foundation, ²Institute of Microbial Chemistry (BIKAKEN), Laboratory of Microbiology, Microbial Chemistry Research Foundation, ³Institute of Microbial Chemistry (BIKAKEN), Laboratory of Synthetic Organic Chemistry, Microbial Chemistry Research Foundation, ⁴Center for International Collaborative Research, Nagasaki University, ⁵School of Tropical Medicine and Global Health, Nagasaki University, ⁶Institute of Microbial Chemistry (BIKAKEN), Laboratory of Oncology, Microbial Chemistry Research Foundation)
- 26G-ISMS43** Discovery of Novel 5,6,7,8-tetrahydro[1,2,4]Triazolo[4,3-*a*]Pyridine Derivatives as γ -secretase Modulators
○ Takafumi TAKAI¹, Tatsuki KOIKE¹, Minoru NAKAMURA¹, Yasutaka HOASHI¹, Yoshihide TOMATA¹, Sachie MORIMOTO¹, Yuichi KAJITA¹, Toshiro YAMASHITA¹, Naohiro TAYA¹, Tetsuya TSUKAMOTO¹, Tomomichi WATANABE¹, Koji MURAKAMI¹, Tomoko IGARI¹, Makoto KAMATA¹ (¹Takeda Pharmaceutical Company Limited)
- 26G-ISMS44** Regulatory Science for R&D Promotion of Innovative Pharmaceuticals*
Kazuhiko MORI¹, Takao YAMORI², ○ Toru KAWANISHI³, Takao INOUE⁴ (¹Ministry of Health, Labor and Welfare (MHLW), ²Pharmaceuticals and Medical Devices Agency (PMDA), ³National Institute of Health Sciences (NIHS), ⁴Japan Agency Medical Research and Development (AMED))