

Future Drug Discovery Empowered by Chemical Biology

Poster Presenters

Poster Number	Name	Affiliation	Position	Poster Title
P-01	Aya Yoshimura	Department of Pharmaceutical Sciences, Hokkaido University	Assistant Professor	MeVIUS: a platform for unlocking silent secondary metabolites by bacterial membrane vesicles
P-02	Takuya Kamikawa	Graduate School of Science, Kyushu University	Graduate student	Development of synthetic molecule/protein hybrid probes for fluorogenic detection of methylated RNA
P-03	Kyungjae Myung	Institute for Basic Science	Director	Small molecule inhibitors leads to proteolysis of homologous recombination proteins resulting in cell death in PARP inhibitor-resistant tumors
P-04	Junya Kakegawa	Pharmaceutical Frontier Research Laboratories, JT Pharma	Senior Research Scientist	Thermal proteome profiling reveals glutathione peroxidase 4 as the target of the autophagy inducer conophylline
P-05	Yuya Maruyama	Laboratory for Immune Homeostasis, RIKEN Center for Integrative Medical Sciences	Graduate student	A pseudo-irreversible inhibition elicits a persistent efficacy of the sphingosine-1-phosphate receptor-1 antagonist
P-06	Yifan Huang	Hoshi University	Graduate Student	Design, Synthesis, and Evaluation of Trivalent PROTACs Having a Functionalization Site with Controlled Orientation
P-07	Yushi Futamura	RIKEN CSRS	Visiting Scientist	SAR and mode of action study on potent antimalarial compounds, lucilactaenes
P-08	Hiroyuki Hirano	Chemical Resource Development Research Unit, Technology Platform Division, Center for Sustainable Resource Science RIKEN	Technical Staff I	Introduction of RIKEN NPDepto and Collaborative Research
P-09	Hiroyuki Nakamura	Tokyo Institute of Technology, Institute of Innovative Research, Laboratory for Chemistry and Life Science	Professor	Construction of sp ³ -rich three-dimensional tri- and tetracyclic scaffolds for drug discovery
P-10	Yuki Okura	Nagoya University	Undergraduate	Engineering natural products by Chem-Bio hybrid synthesis for drug discovery of dysentery amoebiasis
P-11	Sungoh Ahn	SPARK Biopharma	Senior manager	Novel Small Molecule to upregulate STING protein level by inhibiting TRIM29-mediated STING ubiquitination
P-12	Shohei Ebihara	Nagoya University	Undergraduate (B4)	Target identification and binding mode analysis using ligand-dissociation-type pyrene probes
P-13	Jae-Hoon Choi	Shizuoka University, Faculty of Agriculture	Associate Professor	Fairy Chemicals, New Plant Hormones, Biosynthesized in Novel Purine Metabolism
P-14	Ryu Hashimoto	Graduate School of Engineering, Osaka University	Graduate student	Efficient Visible/NIR Light-driven Uncaging of Hydroxylated Thiazole Orange-based Caged Compounds in Aqueous Solution
P-15	Hiroki Kamo	Faculty of Science and Technology, Keio Univ.	Graduate student	Tyrosinase negatively regulates vasculogenic mimicry in human melanoma cells
P-16	JING WU	Shizuoka University, Faculty of Agriculture	Researcher	"Fruiting liquid" of mushroom-forming fungi; Novel source of bioactive compounds –fruiting-body inducer, and HIF- and Axl- inhibitor–
P-17	Junhong Wang	Shizuoka University, Graduate School of Science and Technology	Ph. D. Student	Proof of the existence of novel hericenones in Yamabushitake (Lion's mane, <i>Herichium erinaceus</i>) in collaboration with synthetic chemistry
P-18	Mihaya Kotajima	Shizuoka University, Graduate School of Science and Technology	Graduate student	Biosynthetic studies on fairy chemicals in the fungus <i>Lepista sordida</i>
P-19	Kohei Toh	Kyoto University	Graduate student	Chemoproteomic Identification of Blue-Light-Damaged Proteins
P-20	Kazuki Miura	Laboratory for Chemistry and Life Science, Institute of Innovative Research, Tokyo Institute of Technology	Assistant Professor	Development of intracellular molecular targeted photodynamic therapy as a novel photodynamic therapy strategy
P-21	Minami Nakajima	Department of Applied Chemistry, Faculty of Science and Technology, Keio University	Graduate Student	Vasculogenic mimicry is inhibited by actin-modulating compounds in human breast cancer cells
P-22	Ai Koyama	Graduate School of Pharmaceutical Sciences, Kyoto University	Undergraduate student, Prof. Hideaki Kakeya's Group	Acyl sulfonamide-mediated amidation for biomimetic peptide synthesis
P-23	YuKai Sun	Graduate school of pharmaceutical sciences, Kyoto University	Graduate Student	Synthetic study on 2-(1H-imidazol-4-yl)-1,3,4-oxadiazole scaffolds for drug discovery
P-24	Shun Saito	Keio University, Department of Biosciences and Informatics	Assistant Professor, Prof. Midori Arai's Group	Chemical biology of heat shock metabolites (HSM) produced by <i>Streptomyces</i> species

P-25	Takafumi Kasai	Graduate School of Pharmaceutical Sciences The University of Tokyo	Master Student	Highly sensitive far-red to near-infrared fluorescence probe for hypoxia to detect at oxygen concentrations around 1% and below.
P-26	Yukiko Ujie	Keio University, Faculty of Science and Technology, Department of Biosciences and Informatics	Ph.D. Student, Prof. Midori Arai's Group	Co-culture of pathogenic fungi <i>Aspergillus</i> species and immune cells for activating silent genes
P-27	Tasuku Hirayama	Gifu Pharmaceutical University	Associate Professor	Live-cell imaging of labile heme by a novel heme-selective fluorescent probe
P-28	Taka Sawazaki	School of Pharmaceutical Sciences, Wakayama Medical University	assistant professor	Catalysis driven by amyloid-substrate complex (CASL)
P-29	Takefumi Kuranaga	Graduate School of Pharmaceutical Sciences, Kyoto University	Specially Appointed Associate Professor	Reactivity-guided identification and total synthesis of an unstable anticancer macrolide presaccharothriolide Z
P-30	Xintong Liu	Chemical Resource Development Research Unit, RIKEN CSRS	Student	Establishment of High-throughput screening system for ligands of β -TrCP and analyses of the hit compounds.
P-31	Hiroaki Ikeda	Kyoto University, Graduate School of Pharmaceutical Sciences	Postdoctoral researcher, Prof. Hideaki Kakeya's Group	Screening for anticancer lead compounds through a new strategy for targeting cancer stem cells
P-32	Yanjun Pan	Kyoto University, Graduate School of Pharmaceutical Sciences	Ph.D. Student, Prof. Hideaki Kakeya's Group	Chemical biology research on an asparagine synthetase (ASNS) inhibitor as a molecular-targeted anticancer drug
P-33	Mieko Tsuji	Gifu Pharmaceutical University, Department of Pharmaceutical Science, Prof. Hideko Nagasawa's Group	Assistant Professor	Development of photocaged peroxides for the control of oxidative stress in mitochondria
P-34	Takanori Matsumaru	Faculty of Science and Technology, Keio University	Assistant Professor	Innate immune receptor Mincle ligands: Synthesis and biological functions
P-35	Ryosuke Tanaya	University of Toyama	Graduate student	Creation of molecular diversity by CsPT4, an aromatic prenyltransferase from <i>Cannabis sativa</i>
P-36	Kodai Sueyoshi	Faculty of Science and Technology, Keio University	Graduate Student	Biofunctional evaluation of α -GalCer derivatives with modified lipid moieties: CD1d-ligand complex stability studies
P-37	Hiroyuki Uno	Graduate School of Advanced Science and Engineering, Waseda University / RIKEN Center for Sustainable Resource Science	Graduate Student	Construction of AI-based screening system for antifungal substances based on morphological changes of <i>Aspergillus oryzae</i>
P-38	Nobumoto WATANABE	Chemical Resource Development Research Unit, RIKEN CSRS	Temporary Employee	Role of c-Myc protein on the cytotoxicity of antimycin A in cancer cells
P-39	Tatsuki Nonomura	Graduate School of Engineering, Osaka University	Graduate student	Development of an optical transcription regulation system using a caging-group free photoactivatable dye
P-40	Bengang XING	Nanyang Technological University	Professor	Rational Design of Tumor Hypoxic Enzyme Derived Clicking Proteolysis-targeting Chimeras for Targeted Epigenetic Deactivation
P-41	Asmaa Mostafa Abdelbari Soliman Farrag	Kyoto University, Graduate school of Medicine, Chemical Biology department	Graduate student	Real-Time Visualization of Cellular Phase-Separating Proteins
P-42	Takaya Minami	Graduate School of Science and Technology, Keio University	Graduate Student	Synthetic studies for funiculosin and its immunomodulatory analogues
P-43	Shunya Kikuchi	Keio University	Graduate Student	Synthetic studies for analysis of peptide-lipid antigen presentation
P-44	Hideaki Kakeya	Graduate School of Pharmaceutical Sciences, Kyoto University	Professor	Pharmacologic characterization of TBP1901, an innovative prodrug form of curcumin, and CRISPR-Cas9 screen for therapeutic targets of curcumin
P-45	Makoto Muroi	Technology Platform Division, RIKEN Center for Sustainable Resource Science	Senior Research Scientist	Proteomics-based target identification system for biological active compounds, ChemProteoBase and 2DE-CETSA
P-46	Ren Ito	The University of Tokyo	Graduate Student	Fluorescence imaging of LAT1-expressing cancer cells using Click chemistry
P-47	Manchir Tserendagva	Kyoto University, Graduate School of Medicine	Graduate Student /M2/, Prof.Uesugi's group	Regulation of SREBP Signaling by TMEM43
P-48	Myat Nyein Khine	Tokyo University of Agriculture and Technology	PhD student	Binding interaction analysis of anticancer saponin OSW-1
P-49	Kazunari Ueki	Graduate School of Science and Technology, Keio University	Ph. D. Student	Synthesis and immunomodulation of monoglycosphingolipids
P-50	Kota Noritsugu	Tokyo University of Pharmacy and Life Sciences	Project Researcher	Lysine long-chain fatty acylation regulates TEAD transcription factors in Hippo signaling pathway