演題番号	タイトル	演者
1	Functional Assessment of hNav1.x Ion Channels Using State-Dependent Protocols on the QPatch HT Automated Patch Clamp System	大滝 祐子
2	Modeling the Effect of Two Sodium Channel Blockers on the LQTS3 Heterozygous V411M Mutation of the SCN5A Sodium Channel	カノ　ガルシア ジョルディ
3	From hERG-centric to multiple ion channel current assessment -Development of Cav1.2 and late Nav1.5 current screening using a SyncroPatch 384PE-	土居 正文
4	High-throughput screening of hERG inhibition using a fluorescence-based fluorometric imaging plate reader (FLIPR) Tetra	阿部 文音
5	Evaluation of stimulus frequency dependence of drug-induced hERG current inhibition under CiPA protocol	吉川 公人
6	Effects of estrogens on the actions of hERG blockers	杉本 真太朗
7	High-throughput Assessment of Compound-Induced Proarrhythmic Effects in Human iPSC-Derived Cardiomyocytes	大滝 祐子
8	New CiPA cardiac ion channel cell lines and assays for in vitro proarrhythmia risk assessment	大城 博矩
9	Safety Pharmacology Assessment of Cardiac Ion Channels by Manual Patch Clamp With CiPA Protocols and In silico Analysis	松川 浩
10	Importance of electrical stimulation conditions in correct evaluation of drug induced contractile response in human cardiomyocyte sheet	加藤 英里子
11	Multidisciplinary approaches to evaluate cell-to-cell variation in contractile functions of human iPS cell-derived cardiomyocytes	山口 賢彦
12	Combining Physiological Relevance and Throughput for In Vitro Cardiac Contractility Measurement	嶋根 三好
13	Risk assessment of cardiac functions by field potential, local extracellular action potential and impedance measurements in iCell cardiomyocytes2 using Maestro multi-electrode array systems	坂倉 智子
14	Complementary In Vitro Safety Pharmacology Profiling Aids Risk Management	大滝 祐子
15	Application study of flexible electronics for cardiotoxicity evaluation system	大矢 貴史
16	A cell membrane array for electrophysiological screening of intracellular ion channels	大崎 寿久
17	Construction of 3D cardiac tissue using a microscopic painting device and human induced pluripotent stem cell derived cardiomyocytes	近江 祥平
18	Novel 3D scaffold, gelatin fiber network, is a strong tool for evaluation of drug response in iPSC derived cardiomyocytes	早乙女 俊樹
19	Analysis of safety margin of intravenously and orally administered moxifloxacin-induced QT prolongation and torsade de pointes assessed by the chronic atrioventricular block monkeys	後藤　愛
20	Estimation of safety margin of an atypical antipsychotic drug risperidone toward torsade de pointes (TdP) using the chronic atrioventricular block dogs	布井　啓雄
21	Experimental analysis of the effects of licorice decoction Kanzoto on the sinoatrial/idioventricular automaticity and ventricular repolarization	千葉 浩輝
22	How the deuteration of dronedarone can modify its cardiovascular profile: in vivo characterization of electropharmacological effects of poyendarone, a deuterated analogue of dronedarone using the halothane-anesthetized dog	神林 隆一
23	Electropharmacological characterization of aciclovir using the halothane-anesthetized dogs: a proposal of evaluation method for cardiovascular safety pharmacology of anti-virus drugs	近藤 嘉紀
24	Drug-induced Hyperkalemia and acute myocardial ischemia: a combination in vivo study of Cardiotoxicity	Jianmin GUO
25	Recent updates and enhanced traceability of telemetric data acquisition and analysis software compatible with novel method for QT interval correction in safety pharmacology	水流 功春
26	Investigation of blood pressure, heart rare, body temperature, and electrocardiogram of miniature pig using easy TEL + telemetry implant system	山本 真史
27	Effects of dl-sotalol on heart rate variability analysis using monkeys with embedded telemetry -Possibility of simultaneous evaluation of cardiovascular system and autonomic nervous system function-	斉藤 裕之
28	Application of oriented fiber scaffold in micro electrode array (MEA) assay using human iPS cell-derived neurons	木下 耕史
29	Microengineered human iPSC-derived neuronal networks for in vitro modeling of electrophysiological connectivity	林 和花
30	Measurement of axonal conduction velocity in cultured DRG neurons using CMOS-MEA	高橋 さゆり
31	Measurement of AP propagation between brain regions in mouse brain slice using CMOS-MEA	野地 修平
32	Neuronal Ca-transient Analysis Using Human iPS Cell-Derived Neurons to Assess the Effects of Pharmaceutical Compounds on Central Nervous System	近藤 卓也
33	Correlation between the responses to antibacterial drugs in human iPSC-derived neurons and the classification of antibacterial drug encephalopathy in clinical.	石橋 勇人
34	Detection of the astrocyte responses to convulsants using MEA	鈴木 郁郎
35	Prediction of MoA of convulsants using deep learning -Analysis of MEA data in cultured human iPSC-derived neurons-	松田 直毅
36	Responses to convulsants in human cerebral cortical organoids	小田原 あおい
37	A case study of seizure risk assessment using an in vitro microelectrode array (MEA) for compounds whose seizure risk is not suggested based on their pharmacological action	岡村 愛
38	Seizure liability evaluations and the risk mechanism of action analysis for co-administration of new quinolone antibiotics and non-steroidal anti-inflammatory drugs by analysis of multiple metric parameters from micro-electrode arrays data	宮本 憲優
39	E/I balance of human iPSC-derived neurons suitable for detecting seizure liability of drugs	横井 れみ
40	Comparison and utility of animal species for convulsion risk assessment	関 由妃
41	A new analytical method to detect seizure potential of drugs using electroencephalogram in rats	木下 健一
42	Propofol self-administration under a progressive-ratio schedule in rats and rhesus monkeys	藤原 淳
43	Points on integrating index of nervous system function into repeated dose toxicity studies	Likun Gong
44	Noninvasive and Invasive Measurement of Pulmonary Function in Rat Models with Pulmonary Fibrosis	Bin Zhao
45	Comparison of the respiratory depression induced by oliceridine, a G-protein-biased ligand at the μ-opioid receptor, between the human and rodents	長谷川 翔