



日本安全性薬理研究会

Japanese Safety Pharmacology Society

9th Japanese Safety Pharmacology Society Annual Meeting

Program

Date: February 9 (Fri) - 10 (Sat), 2018

Venue: The University of Tokyo, Yayoi Auditorium, Ichijo Hall / Annex Seihoku Gallery

President: Hiroyuki Ando, PhD (Ono Pharmaceutical Co., Ltd)

Day 1 (Feb 9, Fri)

9:30~17:00

Poster Sessions <Yayoi Auditorium, Annex Seihoku Gallery>

9:50~10:00

Opening <Yayoi Auditorium, Ichijo Hall>

Hiroyuki Ando (President of 9th Annual Meeting)

10:00~11:00

Special Lecture <Yayoi Auditorium, Ichijo Hall>

Comprehensive simulation study on cardiac excitation-contraction coupling

Satoshi Matsuoka (Integrative Physiology, School of Medicine, University of Fukui)

11:00~11:50

Invited Lecture 1 <Yayoi Auditorium, Ichijo Hall>

Regulatory perspectives on the practical use of the CiPA assessment, as a mechanistic model-based approach to assess cardiac safety of new drugs

David Strauss (Division of Applied Regulatory Science, FDA/CDER/OTS/OCP)

11:50~12:10

Workshop <Yayoi Auditorium, Ichijo Hall>

Reports from Japanese Safety Pharmacology Society's subcommittees

iSmart: Useful *in silico* activities for drug-induced arrhythmogenic risk prediction

Takashi Yoshinaga (Eisai Co., Ltd.)



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12:30~13:30

Luncheon Seminar <Faculty of Agriculture, building number 1>

1. HTS in cardiac safety

Sonja Stoelzle-Feix (Nanion Technologies GmbH)

2. Non-integrating, optogenetical modification of Cor.4U hiPSC-derived cardiomyocytes using channel rhodopsin mRNA

Ralf Kettenhofen (Ncardia)

14:00~14:40

Flash Talk (1-minute poster presentation) <Yayoi Auditorium, Ichijo Hall>

(At this session, poster presenters will briefly present their posters in 1 minute.)

15:00~16:00

Poster Presentation Core Time (odd numbers) <Yayoi Auditorium, Annex Seihoku Gallery>

16:10~17:20

Workshop <Yayoi Auditorium, Ichijo Hall>

Trends related to revision of ICH S7B guideline

Opinion on the revision of ICH S7B guideline based on an industrial survey by Japan Pharmaceutical Manufacturers Association (JPMA)

Taeko Kubo (Non-Clinical Evaluation Expert Committee, Drug Evaluation Committee, JPMA)

17:40~18:30

Invited Lecture 2 <Yayoi Auditorium, Ichijo Hall>

Integration of iPS cells into safety pharmacology assessments: Challenges and opportunities

Martin Traebert (Novartis Pharma AG)

19:00~

Banquet Party <Event Space, Ito International Research Center>



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Day 2 (Feb 10, Sat)

8:00~14:00

Poster Session <Yayoi Auditorium, Annex Seihoku Gallery>

9:00~11:00

Symposium 1: Central Nervous System <Yayoi Auditorium, Ichijo Hall>

Challenge for the prediction of adverse events on the central nervous system

1. Prediction of neural adverse drug reactions by nonclinical tests

Takayuki Nakagawa (Department of Molecular Pharmacology, Pharmaceutical Sciences, Kyoto University Hospital)

2. Assessment of drug dependence liability: It's methodology and significance

Masahiko Funada (Department of Drug Dependence Research, National Center of Neurology and Psychiatry)

3. Translational research based on behavioral pharmacology -on the drug development for psychiatric disorders-

Hitoshi Takeda (International University of Health and Welfare)

11:30~12:30

Poster Presentation Core Time (even numbers) <Yayoi Auditorium, Annex Seihoku Gallery>

12:40~13:40

Luncheon Seminar <Faculty of Agriculture, building number 1>

Using functionally enhanced human iPS-derived cardiomyocytes for preclinical cardiac safety assessment of drugs and evaluation of inotropic compounds

Xiaoyu Zhang (ACEA Biosciences Inc.)

14:00~16:00

Symposium 2: Cardiovascular System <Yayoi Auditorium, Ichijo Hall>

1. Cardiac functional toxicity of the anticancer drugs assessed by human induced pluripotent stem cell-derived cardiomyocytes

Atsuhiko Naito (Department of Pharmacology, School of Medicine, Toho University)

2. Diagnostic imaging of chemotherapy-induced cardiomyopathy

Kyosuke Takeshita (Clinical Laboratory, Nagoya University Hospital)



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3. **Onco-cardiology: the new discipline in medical sciences**

Manabu Minami (Translational Research Center Department of Clinical Innovative Medicine,
Kyoto University Hospital)

16:10~17:00

Safety Pharmacology Q&A Session <Yayoi Auditorium, Ichijo Hall>

17:00~

Closing <Yayoi Auditorium, Ichijo Hall>

JSPS Award Ceremony

Hiroyuki Ando (Selection Chairman)

Closing Remarks

Kentaro Ando (President of 10th Annual Meeting)