



# 日本安全性薬理研究会

Japanese Safety Pharmacology Society

## 8<sup>th</sup> Japanese Safety Pharmacology Society Annual Meeting

### Program (FINAL)

**Date: February 10 (Fri) - 11 (Sat), 2017**

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

**President: Takashi Yoshinaga, PhD (Eisai Co., Ltd)**

#### Day 1 (Feb 10, Fri)

10:00~16:40

**Poster Sessions** <Yayoi Auditorium, Annex>

9:50~10:00

#### Opening

**Takashi Yoshinaga** (President of 8<sup>th</sup> Annual Meeting)

10:00~10:45

#### Special Lecture

Moderator: **Takashi Yoshinaga** (Eisai Co., Ltd.)

**Alternative to TQT study by intensive QT evaluation in early clinical studies**

**Sanae Yasuda** (Japan Clinical Pharmacology, Medicine Creation Center, Eisai)

10:45~12:15

#### Workshop, Report from subcommittees of JSPS

Moderator: **Akihiro Kanno** (Drug Safety Testing Center Co., Ltd.), **Taeko Kubo** (Sumitomo Dainippon Pharma Co., Ltd.)

**1. Japan activity for Improvement of Cardiovascular Evaluation by Telemetry system (J-ICET)\_ECG: Proposal of the advanced approach for drug-induced arrhythmogenicity in monkeys toward the early clinical QT assessment**

**Ryuichi Komatsu** (Chugai Pharmaceutical Co., Ltd.)

**2. Japan activity for Improvement of Cardiovascular Evaluation by Telemetry system (J-ICET)\_BP/HR: Establishment of promising hemodynamic assessment criteria in non-rodents by considering the physiological variation range**

**Toshiki Kagawea** (Mitsubishi Tanabe Pharma Corporation)



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### 3. iSmart: The useful in silico activities for predictable drug-induced arrhythmogenic risk

**Kei-ichi Asakura** (Nippon Shinyaku Co., Ltd.)

12:30~13:30

**Luncheon Seminar** <Faculty of Agriculture, building number 1<sup>st</sup>>

Sponsor: Cosmo Bio

**Establishment of an evaluating method for drug safety/toxicity with 3D mass imaging combined with a thermal film-based laser microdissection system**

**Makoto Sawada** (Nagoya University)

14:00~14:40

**Flush talk (1- Minute Poster presentations)**

15:30~16:20

**Poster presentation core time (odd numbers)** <Yayoi Auditorium, Annex>

16:40~17:25

**Invited Lecture**

Moderator: Kohei Sawada (Eisai Co., Ltd.)

**CNS Safety Pharmacology: Current Trends and Future Directions**

**Simon Authier** (CiToxLAB)

17:25~17:55

**Invited Lecture**

Moderator: Kentaro Ando (Department of Pharmacology, School of Medicine, Toho University)

**Safety Pharmacology: Reflecting on the Past and looking forward to the Challenges of the Future**

**Alan S. Bass** (Safety Assessment and Laboratory Animal Resources, MRL, Merck & Co., Inc.)

18:30~

**Banquet Party** <Sanjyo Conference Hall 1F>

**Day 2 (Feb 11, Sat)**

8:00~14:20



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**Poster Session** <Yayoi Auditorium, Annex>

9:00~11:00

## **Symposium 1: Challenge for the prediction of CNS AEs in clinical situation**

Moderator: Seiji Hayashi (Nippon Shinyaku Co., Ltd.), Yoshiki Deguchi (Shin Nippon Biomedical Laboratories, Ltd.)

### **1. Machine learning-based prediction of adverse drug effects: an example of seizure-inducing compounds**

**Yuji Ikegaya** (Graduate School of Pharmaceutical Sciences, The University of Tokyo)

### **2. Case of reverse translational research for neuropsychiatric toxicity in clinical trial**

**Tetsuya Kitayama** (R&D Division, Kyowa Hakko Kirin Co., Ltd.)

### **3. Development of disease models that support CNS drug discovery**

**Hitoshi Hashimoto** (Graduate School of Pharmaceutical Sciences, Osaka University)

11:50~12:40

**Poster presentation core time (even numbers)** <Yayoi Auditorium, Annex>

13:00~14:00

## **Luncheon Seminar** <Faculty of Agriculture, building number 1<sup>st</sup>>

Sponsor: AnaBios

### **Adult human ex vivo cardiac models for preclinical safety assessment**

**Andre Ghetti** (AnaBios Corporation)

14:20~16:05

## **Symposium 2: Challenge to the prediction of CV and other AEs in clinical situation**

Moderator: Harushige Ozaki (Takeda Pharmaceutical Company Ltd.), Katsuyoshi Chiba (Daiichi Sankyo Co., Ltd.)

### **1. In Vitro Contractility Assays using Cardiomyocytes (CMs): Current Status and Future Possibilities**

**Tomohiro Hayakawa** (iP&S sector, Sony corporation)

### **2. Framework for Integrated Cardiovascular Risk Assessment: Past, Present and Future**

**Katsuyoshi Chiba** (Medicinal Safety Research Laboratories, R&D Division, Daiichi Sankyo Co., Ltd.)

### **3. Comprehensive Prediction Method for Adverse Drug Reaction by Using System Pharmacology**

**Hiroshi Suzuki** (Department of Pharmacy, The University of Tokyo Hospital)

16:05~17:00



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## **Safety Pharmacology Q&A Session**

Moderator: Chieko Kasai (Astellas Pharma Inc.), Hiroshi Yokoyama (Nippon Kayaku Co., Ltd.)

## **Closing**

17:00～

## **JSPS award ceremony**

Takashi Yoshinaga (Selection Chairman)

## **Closing remarks**

Hiroyuki Ando (President of 9<sup>th</sup> Annual Meeting)