



## **THE 15<sup>th</sup> SUGIYAMA LABORATORY RIKEN OPEN SYMPOSIUM**

### **New challenges for in vitro - in vivo extrapolation with regard to DDI, clearance and drug response**

Date : 13:00 - 17:40, February 7<sup>th</sup>, 2020

Venue : RIKEN Yokohama Main Office Building Hall

13:00-13:05 Opening remarks (5)  
Yuichi Sugiyama (Sugiyama Laboratory, RIKEN)

**Chair: Yuichi Sugiyama (Sugiyama Laboratory, RIKEN)**

13:05-14:00 **【Plenary lecture】**  
Renal Transporters Mediated Drug-Drug Interactions: A Company Perspective  
(40+15)  
Yan Zhang (Incyte Corporation)

**Chair: Koji Chiba (Yokohama University of Pharmacy / RIKEN)**

14:00-14:40 **【Keynote lecture】**  
Clinical implementation of pharmacogenomic biomarkers for avoidance of severe adverse drug reactions. (30+10)  
Taisei Mushiroda (RIKEN)

**Chair: Kazuya Maeda (The University of Tokyo / RIKEN)**

14:40-15:15 Recent progress in the use of sandwich cultured hepatocytes In evaluating biliary excretion clearance. (35+10)  
Yuichi Sugiyama (Sugiyama Laboratory, RIKEN)

15:15-15:40 Coffee break (25)

**Chair: Woojin Lee (Seoul National University / RIKEN)**

15:40-16:10 Kinetic Insights into inter-statin and inter-individual variability via dose- and exposure-response relationships. (20+10)  
Yuki Iwaki (Janssen Pharmaceutical K.K.)

**Chair: Satoshi Koyama (Sugiyama Laboratory, RIKEN)**

16:10-16:40 Investigation of utility of cerebrospinal fluid drug concentration as a surrogate for interstitial fluid concentration in rats and nonhuman primates. (20+10)  
Yoshitane Nozaki (Eisai Co., Ltd.)

**Chair: Takashi Yoshikado (Yokohama University of Pharmacy / RIKEN)**

16:40-17:10 Recent progress in newly-developed cell systems for the characterization of pharmacokinetic properties of drugs. (20+10)  
Kazuya Maeda (The University of Tokyo / RIKEN)

17:10-17:40 General Discussion (30)  
Yuichi Sugiyama (Sugiyama Laboratory, RIKEN)

17:50-19:50 Banquet (Cafeteria at Yokohama RIKEN)