



## **THE 14<sup>th</sup> SUGIYAMA LABORATORY (RIKEN) OPEN SYMPOSIUM**

“From Drug screening, selection, translation to clinical development”

Date : 12:30 - 17:50, October 11<sup>th</sup>, 2019

Venue : RIKEN Yokohama Main Office Building Hall

12:30-12:35 Opening remarks  
Yuichi Sugiyama (Sugiyama Laboratory, RIKEN)

### **【Key note Lecture】**

12:35-13:15 ADME Characterization and Application of Translational Modeling in Drug Discovery; impact, opportunities and challenges  
Marjoleen Nijsen (AbbVie Inc.)

### **【Special lecture】**

13:15-13:45 Translational and reverse translational research on pediatric liver diseases  
Hisamitsu Hayashi (The University of Tokyo)

### **【Round table discussion on**

**“From Drug screening, selection, translation to clinical development”】**

13:45-14:10 Prediction of major clearance pathway using in silico approach.  
Kimio Tohyama (Takeda Pharmaceutical Company Limited)

14:10-14:35 Application of in silico ADME prediction in drug discovery stage.  
Daisuke Sugiyama (DAIICHI SANKYO COMPANY, LIMITED)

14:35-15:00 Prediction of human hepatic clearance for OATP1B substrate drugs by in vitro-in vivo extrapolation approaches.  
Yoshitane Nozaki (Eisai Co., Ltd.)

15:00-15:25 Coffee break

15:25-15:50 Extended Clearance Classification System (ECCS) approach in drug discovery - OAT2 contribution to hepatic clearance for ECCS1A compounds.  
Emi Kimoto (Pfizer Inc.)

15:50-16:15 Pharmacokinetics and Pharmacogenomics Characterization of Compound X - From Discovery to Clinic.  
Ryota Kikuchi (AbbVie Inc.)

16:15-16:40 Prediction and mechanistic evaluation of clinical DDI with transporter endogenous biomarkers.  
Kenta Yoshida (Genentech inc.)



- 16:40-17:05 The Strategic implementation of MIDD in the early clinical development.  
Akihiro Yamada (Astellas Pharma Inc.)
- 17:05-17:50 Modeling and Simulation in New Drug Discovery and Development  
Yuichi Sugiyama (Sugiyama Laboratory, RIKEN)
- 18:00-19:45 Banquet (Cafeteria at Yokohama RIKEN)

[This Symposium is a part of the RIKEN Symposium Series.]