THE 11th SUGIYAMA LABORATORY (RIKEN) OPEN SYMPOSIUM

“Prediction of complex drug-drug interactions, pharmacogenomics and our attempts on virtual clinical studies”

Date: 10:00 - 16:45, February 23rd, 2018
Venue: RIKEN Yokohama Main Office Building Hall

10:00-10:10 Opening remarks
Yuichi Sugiyama (Sugiyama Laboratory, RIKEN Innovation Center)

10:10-11:00 【Plenary lecture】
Applying Recent Advances in ADME Science to Enable Drug Design and Clinical Development
Tremaine, Larry M (Pfizer Inc.)

11:00-11:35 Successes and challenges with small-molecule proteasome inhibitor drugs: Insights for their pharmacokinetics and strategies for moving forward
Wooin Lee (Seoul National University / RIKEN)

11:35-11:50 Break

11:50-12:25 Kinetic consideration of OATP contribution to drug disposition based on extended clearance concept: Insight to genetic and ethnic variability and drug-drug interaction
Yoshiko Tomita (Sumitomo Dainippon Pharma Co., Ltd.)

12:25-13:35 Lunch Break (70)

13:35-14:10 Comparative assessment of efficacy and safety of statins based on exposure-response relationship and approach to virtual clinical study.
Yuki Iwaki (Janssen Pharmaceutical Companies of Johnson & Johnson)

14:10-14:45 Predicting complex DDIs related to CYP induction and OATP inhibition by PBPK model of rifampicin with its own hepatic uptake and auto-induction
Ryuta Asaumi (Ono Pharmaceutical Co., Ltd.)
Application of PBPK modeling to renal OCT2 and MATEs mediated DDIs: Predicting changes in renal clearance and blood AUC caused by the transporter inhibitors
Kotaro Nishiyama (Nippon Boehringer Ingelheim Co., Ltd.)

Coffee Break

PBPK analysis of nonlinear pharmacokinetics of taxanes; Role of hepatic uptake transporters, plasma protein binding and pharmaceutical excipients
Nora Lee (Daewoong Pharmaceutical Co., Ltd. / RIKEN)

General Discussion
Yuichi Sugiyama (Sugiyama Laboratory, RIKEN Innovation Center)

Pay Attention !!
※Banquet will be held on the day before※
Date : Thursday, 22 February, 18:00 - 19:55
Venue : Cafeteria at Yokohama RIKEN
Banquet fee: ¥ 3,000 -