THE 15th 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 7th, 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: Woo-in 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)