THE 12th SUGIYAMA LABORATORY (RIKEN) OPEN SYMPOSIUM

“Challenges and Opportunities of New Concepts and Tools for analyzing pharmacokinetics, drug delivery and pharmacodynamics.”

Date: 13:40 - 17:55, October 16th, 2018
Venue: RIKEN Yokohama Main Office Building Hall

13:40-13:45 Opening remarks
Yuichi Sugiyama (Sugiyama Laboratory, RIKEN)

13:45-14:15 The application of QSP in Pharmaceutical Industry.
Akihiro Yamada (Astellas Pharma Inc.)

14:15-14:45 Advances in predicting pharmacokinetic drug-drug interactions.
Hiroyuki Kusuhara (The University of Tokyo / RIKEN)

14:45-15:15 Advances of quantitative proteomics for personalized therapies.
Sumio Ohtsuki (Kumamoto University / RIKEN)

15:15-15:35 Coffee break

15:35-16:25 【Plenary lecture】
Development of the integrated cancer medical system using artificial intelligence: Towards the realization of Precision Medicine.
Ryuji Hamamoto (National Cancer Center / RIKEN)

16:25-16:55 Intracellular environment-responsive material (ssPalm), as a technology for the DNA/RNA-based immune-engineering.
Hidetaka Akita (Chiba University)

16:55-17:10 In silico method for classifying drugs depending on clearance mechanism.
Yuichi Sugiyama (Sugiyama Laboratory, RIKEN)

17:10-17:40 In silico prediction of drug clearance mechanism by CPathPred at early drug discovery stage.
Kimio Tohyama (Takeda Pharmaceutical Company Limited)

17:40-17:55 General Discussion
Yuichi Sugiyama (Sugiyama Laboratory, RIKEN)

18:00-19:50 Banquet (Cafeteria at Yokohama RIKEN)

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