

「創薬・医療 AI」分野 口頭発表
Selected Oral Presentations
(AI for drug discovery and medical treatment)

座長: 本間 光貴 Teruki Honma (分野長)
理化学研究所 RIKEN

関嶋 政和 Masakazu Sekijima
東京工業大学 Tokyo Institute of Technology

増田 友秀 Tomohide Masuda
東レ株式会社 Toray Industries, Inc.

1. [P5-02] Development of Computer Aided Retrosynthesis system
Takayuki Serizawa
Asahi KASEI Pharma corporation
2. [P5-05] Deep-learning of cancer stem cell morphology for anti-cancer stem cell molecule screening
Sakae Nishisako
Tokyo University of Technology
3. [P5-06] Simulation study comparing non-linear mixed-effect modeling and machine learning: efficient integration of individual patient-level data from multiple clinical trials
Hideki Yoshioka
Chiba University
4. [P5-13] Three-dimensional Quantitative Structure-Activity Relationship Analysis using Convolutional Neural Network
Hiroto Moriaki
RIKEN Center for Biosystems Dynamics Research
5. [P5-15] ChemAtlas: chemical space extractor
Hitoshi Kamijima
Research Institute of Systems Planning Inc.
6. [P5-16] Using domain-specific vocabulary to detect multiple-word phrases to improve word2vec embedding performance in Medical literature
Attayeb Mohsen
NIBIOHN
7. [P5-19] Prediction of toxicity through the chemical space generated by deep learning
Yoshinori Wakabayashi
BY-HEX LLP
8. [P5-20] Performance Evaluation of Compound-Protein Interaction Prediction using Graph Convolutional Network
Hiroaki Iwata
Kyoto University