

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

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口頭発表演題 (1演題 9分:発表 7分、質疑 2分)

1. [P6-01] Interpretable Reaction Prediction using Graph Convolutional Networks
石田 祥一 Shoichi Ishida
京都大学 Kyoto University
2. [P6-07] High-performance predication model utilizing a novel deep learning-based QSAR analysis using Deep Snap and the Tox21 10k library
松坂 恭成 Yasunari Matsuzaka
明治薬科大学 Meiji Pharmaceutical University
3. [P6-08] Development of AI-aided hit compound finding/profiling system for imaging-based high content screening
寺内 広毅 Hiroki Terauchi
エーザイ株式会社 Eisai Co., Ltd.
4. [P6-09] Computational drug target prediction using PU learning approach
中田 一人 Kazuto Nakata
日本電気株式会社 NEC Corporation
5. [P6-10] Meta-modeling for Optimization in QSAR Modeling Processes and Application to Estrogen Receptor Agonist Activity Prediction
黒崎 宏太 Kota Kurosaki
明治薬科大学 Meiji Pharmaceutical University
6. [P6-11] Predicting drug-induced transcriptome responses of a wide range of human cell lines by a novel tensor-train decomposition algorithm
岩田 通夫 Michio Iwata
九州工業大学 Kyusyu Institute of Technology
7. [P6-13] Deep Learning-aided Label-free, Real-time and Time-lapse Cell Visualization System that Enables Live/Dead Cell Discrimination and Counting
水上 民夫 Tamio Mizukami
長浜バイオ大学, 株式会社フロンティアファーマ
Nagahama Institute of Bio-Science and Technology, Frontier Pharma Inc.
8. [P6-18] Focused Library Generative Model for GPCR Family
李 根 Gen Li
東京工業大学 Tokyo Institute of Technology
9. [P6-19] Prediction of G4MP2-level Molecular Properties from DFT-level Structures Using Deep Tensor Neural Network
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