MOE Forum 2020

Drug Modalities
Developability
Workflow FMO
AI SBDD
Medicinal Chemist
Antibody PROTAC
HLA / Antigenic Peptide

Webinar with Zoom
Japanese–English Simultaneous Interpretation Available

Date: Thursday, September 3rd – Friday, September 4th, 2020

Registration Fee: **Free**

Audience: **Researchers in Drug Discovery and Life Science Field**

The Latest Development and Application of MOE, an Optimal Molecular Operating Environment for Drug Discovery and Life Science

In the MOE Forum, MOE developers introduce the latest basic research in the computational chemistry field.

Lecturers active at the forefront of drug discovery and life science research present their latest knowledge obtained with MOE.

This year, it will be held online with ZOOM on Thursday, September 3rd and Friday through September 4th. Details will be provided on our web page. Please feel free to join us.

Online events by Zoom

In-house, on-campus, home, etc.
You can join anywhere you like.

Simultaneous Japanese–English interpretation is available

You can listen to the lecture in the language of your choice.

MOE Updates

MOEsaic: Guiding Multi-Parameter Optimization in Ligand-Based Design
Fred Parsons, Chemical Computing Group ULC

Developability Assessment and Property Prediction by pH-Dependent Conformational Sampling
David Thompson, Chemical Computing Group ULC

MOE 2020 Release Overview
Matthias Keil, Chemical Computing Group ULC

MOE & PSILO Technical Information

Development of Tools to Build Model and Predict Antigenic Peptide for HLA

In Silico Modeling Tools for PROTAC-Mediated Ternary Complexes

Introduction to MOE Antibody Design Application

Introduction to PSILO

MOLSIS Inc.

Invited Lectures

Research on pocket prediction using 3D-CNN
Takeshi Baba, Toray Industries, Inc.

Semi-automation of in silico analysis using MOE and KNIME
Akitoshi Okada, Japan Tobacco Inc.

Quantum Structural Life Science by Combining FMO and Structural Biology
Kaori Fukuzawa, Hoshi University

Considering what's the literacy to extract useful information for drug discovery from amino acid sequence
= In order to use MOE more effectively=
Hiroki Shirai, Astellas Pharma Inc.

My experience with structure-based ligand design (SBDD)
Qian Liu, Sichuan Kelun Pharmaceutical Co., Ltd.

Virtual Booth

Demonstration of the New Versions of MOE & PSILO

MOLSIS Inc.

* The content of the lecture and the speaker are subject to change without prior notice.

For more information: https://www.molsis.co.jp/seminar/moe_forum2020_en/
MOLSIS Inc. Tel: +81-3-3553-8030 E-mail: moe@molsis.co.jp

Chemical Computing Group

MOLSIS