MCS2025

The **42nd**

Medicinal Chemistry Symposium

Theme

AI×Drug Discovery：Infinite Possibilities!?
Exploring the Future of Drug Development Unveiled by Nobel Prize Research

Date ▶ November 18 (Tue) –20 (Thu), 2025

Venue ▶ Awagin Hall

Sato Memorial International Award Lecture

Expanding the Repertoire of Druggable Targets
▶ Angela N. Koehler   Massachusetts Institute of Technology

Invited Lectures (Alphabetical order in Japanese)

Aiming for Innovation in Pharmaceutical Production through Mechanochemical Organic Synthesis
▶ Hajime Ito   Hokkaido University

Next-generation Antibody Molecular Design using Machine Learning
▶ Atsushi Ohta   Chugai Pharmaceutical Co., Ltd.

Nonaqueous Bioconjugation for Functionalization of Therapeutic Proteins
▶ Jun Ohata   North Carolina State University

Total Syntheses of Alkaloids featuring Late-Stage Oxidative Transformations
▶ Hidetoshi Tokuyama   Tohoku University

Advancement from Peptide Chemistry to Drug Discovery and Chemical Biology
▶ Yoshio Hayashi   Tokyo University of Pharmacy and Life Sciences

Application of Artificial Intelligence to Drug Discovery Research at Astellas Pharma
▶ Kenichi Mori   Astellas Pharma Inc.

Innovations in Diabetes and Obesity Treatment through Incretin-Based Peptide Drug Discovery
▶ Daisuke Yabe   Kyoto University

Deadline for application for general presentation — August **25** [Mon],2025

Abstract submission deadline — September **19** [Fri],2025

Pre-registration deadline — October **16** [Thu],2025

Innovative Encounters：AI Pharma Connect
(Alphabetical order in Japanese)

▶ Masahito Ohue   Institute of Science Tokyo
▶ Ryushi Seo   Xeureka Inc.
▶ Yoshihiro Yamanishi   Nagoya University

■ Please refer to the website for details.
https://www.k-gakkai.jp/mcs2025/