

2024 PAGK ANNUAL MEETING

PAGK

Conference Schedule : Dec. 18 (wed), 2024 | Conference Venue : Seoul National University Hospital Biomedical Research Institute 1F

Pharmacometrics and Quantitative Systems Pharmacology (QSP): Embracing science from *in-silico* to clinical trial

PRE-CONFERENCE WORKSHOP

09:30 ~ 12:00

Certara Korea, T&J TECH Inc.

Acceleration of Drug Discovery using Model-Informed Drug Development (MIDD) solution

*The pre-workshop is free of charge

[Pre-Conference Workshop Registration QR Code ▶](#)



ANNUAL MEETING

Session 1 : AI Drug Discovery

13:00 ~ 13:25

Federated ADMET Model

Hwa Jong Kim

Head of K-MELLODDY Project, KPBM

13:25 ~ 13:50

Applied Gen AI to drug development

Heeyoung Kim

Manager of APAC SC team at Certara Korea

Session 2 : Application of Quantitative Systems Pharmacology (QSP) - Pharmacometrics (PM)

14:00 ~ 14:25

Model informed weight-tiered fixed dosing
in clinical development

Soyoung Lee

College of Pharmacy, Chungnam National University

14:25 ~ 14:50

Modeling Application for non-clinical and clinical stage
(Biosimilar and New drug)

Hyuna Lee

Samsung Bioepis Clinical Development group

14:50 ~ 15:15

Physiologically based pharmacokinetic/pharmacodynamic
model to predict the effects of formulation and food on the
pharmacokinetics and pharmacodynamics of esomeprazole

Hyun Chul Kim

Seoul National University College of Medicine and Hospital

15:15 ~ 15:40

Integrated Microphysiological System and PBPK Modeling
for Prediction of Human Diclofenac Pharmacokinetics

Suein Choi

Catholic university of Korea

15:40 ~ 16:05

Mathematical modeling of Bacteriophage Therapy

Dongwoo Chae

Yonsei University, Medical College

Session 3 : Regulation and QSP-PM

16:15 ~ 16:40

Beyond FDA Guidance: Enhancing Accuracy
in Predicting Drug-Drug Interactions

Yun Min Song

Department of Mathematical Sciences, KAIST

16:40 ~ 17:05

Introduction of GATERS (Global Alliance Through Excellence
in Regulatory Science) Program - Advancing Regulatory
Science for Evaluation of Effectiveness and Safety of Drugs
through Global SPHERE (Global Science-based PHarmacometric
Extrapolation with Real-world data for Racial and Ethnic groups)

Eun Kyoung Chung

College of Pharmacy, Kyung Hee University

17:05 ~ 17:30

Beyond the Label: Dose Optimization Approaches
in Specific Populations

Manjunath P. Pai

University of Michigan

How to apply for the annual meeting

- Early-Bird Registration : <http://pagk.kr/> *QR Code scan
- Methods of Payment : Credit Card, Bank Transfer
- Registration Fee : Professor/Researcher : KRW 100,000 Student : KRW 50,000

