INJE UNIVERSITY | CERTARA

ASIAN SYMPOSIUM



1st Asian Symposium on Precision Dosing

What Does It Take to Make Model-informed Individual Dosing the Common Practice?

December 15, 2017 • Busan, Korea

Program at a Glance

9:00 - 10:00	Registration
10:00 - 10:15	Welcome & Opening Remarks
10:15 - 12:00	Session 1: Genetics vs Non-genetics Sources of Variability
12:00 - 13:00	Luncheon
13:00 - 14:45	Session 2: The Role of Modeling & Decision Support Tools
14:45 - 15:00	Coffee/Tea Break
15:00 - 16:20	Session 3: Facilitators & Barriers to Implementation
16:20 - 16:45	Panel Discussion
16:45 - 17:00	Closing Remarks

SYMPOSIUM VENUE

Paradise Hotel
296, Haeundaehaebyeon-ro
Haeundae-gu
Busan, Korea

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Supported by
PGRC, KSCPT, KoNECT, KoNSERT,
KHIDI and University of Manchester

Program Details

Welcome Address to 1st Asian Symposium on Precision Dosing
Jae-Gook Shin

Opening Remarks by Co-Chair on Precision Dosing
Amin Rostami

Why Has Model-informed Precision Dosing Not Yet Become Common Clinical Reality? Lessons

Session 1: Genetics vs Non-Genetics Sources of Variability

Stratified vs Individualized Dosing: Past, Present and a Future
Amin Rostami, University of Manchester & Certara, UK

Barriers and Solutions of Incorporating Genotype Information into Drug Labeling and Clinical Practice
Jae-Gook Shin, Inje University, Korea

Developing user friendly dose individualization tools from user-hostile models.
Dong-Seok Yim, The Catholic University of Korea, Korea

Session 2 : The Role of Modelling & Decision Support Tools

Model Qualification and Regulatory Approval: Glass Box vs Black Box
Masoud Jamei, Certara, UK

Development of a Korean-Specific virtual population model for physiologically-based pharmacokinetic modeling and simulation
Howard Lee, Seoul National University, Korea

An Industrial Perspective on Model-Informed Precision Dosing: Facilitators vs Barriers
Holly KimKo, Janssen Research & Development of Johnson & Johnson, US

Session 3: Facilitators & Barriers to Implementation

Clinical Implementation of Individualized Antipsychotic Treatment Guided by PBPK Modeling
Tom Polasek, Flinders University, Australia

Modeling and Validating Pharmacological Manipulation of Circadian Rhythms for Precision Medicine
Jae Kyoung Kim, KAIST, Korea

The Model-informed Personalized Dosing of Anti-tuberculosis Drugs
Jae-Gook Shin, Inje University College of Medicine, Korea

Learning from the Past and a Roadmap for the Future
Amin Rostami, University of Manchester & Certara, UK

Panel Discussion

Concluding Address for 1st Asian Symposium on Precision Dosing
Amin Rostami

Closing Remarks by Co-Chair on the Long Road Ahead for Precision Dosing
Jae-Gook Shin

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