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
15:00–16:45	Session 3: Facilitators & Barriers to Implementation
16:45–17:00	Closing Remarks

SYMPOSIUM VENUE

Paradise Hotel
296, Haeundaehaebyeon-ro
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KHIDI and University of Manchester

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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

Rapid Determination of Genotypes at the Point of Care: Why and How?
Toshihisa Ishikawa, NGO Personalized Medicine & Healthcare, Japan

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

Session 2: The Role of Modeling & Decision Support Tools

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

Case Example on Development of a Korean Virtual Population for PBPK Modeling
Howard Lee, Seoul National University Hospital and College of Medicine, Korea

Technological Advances Revolutionizing Capture of Individual Information and ICT-enabled Precision Healthcare
JoonYun Kim, SK Telecom, Korea

Session 3: Facilitators & Barriers to Implementation

Necessity & Need as Drivers for Invention: Clinical Implementation of Individualized Antipsychotic Treatment Guided by PBPK Modeling
Tom Polasek, Flinders University, Australia

Modeling and Validating Chronic Pharmacological Manipulation of Circadian Rhythms: Why and How?
Jae Kyoung Kim, KAIST, Korea

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

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

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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