



Model-Informed Drug Discovery and Development, 2nd Edition

Guest Editor:

Prof. Dr. Yu Chul Kim

Department of Pharmaceutical
Engineering, Inje University,
Gimhae 50834, Republic of Korea

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Message from the Guest Editor

Dear Colleagues,

The usefulness of modeling and simulation (M&S) technology has been verified in a variety of academic and industrial fields. M&S has also expanded its application into the pharmaceutical industry since started being used during drug development and regulatory approval processes as a method to overcome the low productivity of new drug development. Currently, the M&S approach is utilized in almost all stages of drug discovery and development and as a regulatory process evolving from the concept of “model-based” to “model-informed”. Overall, model-informed decision making helps to increase success rates in drug development.

This Special Issue volume II aims to highlight the latest research activities using M&S from all the stages of drug discovery and development, which include PK/PD modeling, PBPK, pharmacometrics, systems pharmacology, etc. We invite researchers to submit original research articles and reviews in this field.

Prof. Dr. Yu Chul Kim

Guest Editor





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Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Department of Pharmaceutics,
Ernest Mario School of
Pharmacy, Rutgers University,
Piscataway, NJ 08854, USA

Message from the Editor-in-Chief

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Pharmaceutics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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