

Special Issue

Model-Informed Drug Discovery and Development

Message from the Guest Editor

The modeling and simulation (M&S) technology has been verified to be useful in a variety of academic and industrial fields. M&S has also expanded its application into the pharmaceutical industry since it began to be used during drug development and regulatory approval process 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 and has evolved from the concept of “model-based” to “model-informed”. Overall, model-informed decision making is contributing to increasing success rates in drug development. This Special Issue 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.

Guest Editor

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Deadline for manuscript submissions

closed (20 April 2022)



Pharmaceutics

an Open Access Journal
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Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



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Message from the Editor-in-Chief

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