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The Prediction of Pharmacokinetics/Pharmacodynamics Using In-Silico Modeling

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to cover, in a broad spectrum, pharmacokinetics (PK), pharmacodynamics (PD), in vitro–in vivo extrapolation (IVIVE), drug–drug interaction (DDI), pharmacometrics, and population PK related to chemical drugs, biological products, and natural products. To better understand the clinical effects, PK or PD should be explored to confirm its ADME (absorption, distribution, metabolism, and elimination) or biomarkers in vitro/vivo. Based on those results, in silico simulation in humans could precisely predict the real pattern of PK or PD. We sincerely welcome all the abovementioned topics as well as related works to our Special Issue.

Dr. Jung-woo Chae

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Guest Editors



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Special Issue



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