

Special Issue

Pharmacokinetics and Pharmacometrics Driving Innovation

Message from the Guest Editors

Pharmacokinetics (PK) and pharmacometrics (PMx) have long been central in elucidating drug disposition and guiding pharmacotherapy. Their role has expanded from determining concentration–time profiles to shaping drug development, regulatory science, and clinical practice. By quantifying drug disposition and exposure–response relationships, PK and PMx provide critical insights that can be utilized to improve the safety, efficacy, and individualization of therapy.

For this Special Issue of *Pharmaceuticals*, “Pharmacokinetics and Pharmacometrics Driving Innovation”, we welcome contributions demonstrating how PK and PMx generate new therapeutic opportunities or optimize existing ones.

Submission topics may include, but are not limited to, the following:

- Regulatory applications with PBPK/PBBM, IVIVC/IVIVR, exposure–response analyses, and case studies on DDI or food effects;
- Early in silico, animal, and translational studies, including microdosing, microtracers, and sparse or opportunistic sampling;
- Dose optimization and individualization through clinical PK, TDM, Bayesian forecasting, pharmacogenomics, and real-world data...

Guest Editors

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Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

Pharmaceuticals is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us.

We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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