

Special Issue

Role of Pharmacokinetics in Drug Development and Evaluation

Message from the Guest Editor

Drug development requires a multidisciplinary effort to transform a chemical compound into a medicine that can be safely and effectively administered to a patient. The goal of drug therapy is to deliver the right amount of a drug over the right timeframe so that target plasma concentrations are achieved and/or maintained. Pharmacokinetics is a critical determinant of drug action in vivo since it drives the systemic exposure that is achieved following drug administration. This issue is dedicated to investigations demonstrating the critical role of pharmacokinetics in drug development and evaluation. Pharmaceutical scientists are invited to share their research demonstrating how the pharmacokinetic properties of a compound were optimized through formulation development or other approaches in order to achieve goals such as reducing the impact of food- and drug-drug interactions, providing patient-friendly dosing schedules, or increasing the safety profile of medication.

Guest Editor

Prof. Dr. David R. Taft

Samuel J. and Joan B. Williamson Institute for Pharmacometrics, Division of Pharmaceutical Sciences, Arnold & Marie Schwartz College of Pharmacy and Health Sciences, Long Island University, Brooklyn, NY 11201, USA

Deadline for manuscript submissions

20 February 2025



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 7.9
Indexed in PubMed



mdpi.com/si/126470

Pharmaceutics
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pharmaceutics@mdpi.com

[mdpi.com/journal/
pharmaceutics](https://mdpi.com/journal/pharmaceutics)





Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 7.9
Indexed in PubMed



[mdpi.com/journal/
pharmaceutics](https://mdpi.com/journal/pharmaceutics)



About the Journal

Message from the Editor-in-Chief

Pharmaceutics (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceuticals and biopharmaceuticals. The scientific community, the wider community and the general public have unlimited and free access to the content as soon as a paper is published; this open access to your research ensures your findings are shared with the widest possible audience. Please consider publishing your impressive work in this high quality journal. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Patrick J. Sinko
Department of Pharmaceutics, Ernest Mario School of Pharmacy,
Rutgers University, Piscataway, NJ 08854, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half of 2024).