



## The Role of Pharmacometrics in Drug Discovery and Development Process

Guest Editors:

**Dr. Victor Mangas Sanjuán**

Department of Pharmacy and  
Pharmaceutical Technology and  
Parasitology, School of  
Pharmacy, University of Valencia,  
Valencia, Spain

**Prof. Dr. Inaki F. Troconiz**

Department of Pharmaceutical  
Technology and Chemistry,  
School of Pharmacy and  
Nutrition, Universidad de  
Navarra, Pamplona, Spain

Deadline for manuscript  
submissions:

**closed (28 February 2021)**

### Message from the Guest Editors

This Special Issue is focused on new modeling strategies and methodologies, applications in the preclinical and clinical field that can highlight the relevance of pharmacometrics in the PK or PK/PD characterization, identification of relevant sources of variability, inter-species scaling, optimization of dosing schedules in special sub-groups of populations, optimal design, QTc prolongation, placebo and disease models, and exposure-response analysis using continuous or categorical data.

- pharmacometrics
- population analysis
- pharmacokinetics
- pharmacodynamics
- modeling





an Open Access Journal by MDPI

## 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

*Pharmaceutics* (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceutics and biopharmaceutics. 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

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

**Journal Rank:** JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q1 (*Pharmaceutical Science*)

## Contact Us

*Pharmaceutics* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/pharmaceutics](http://mdpi.com/journal/pharmaceutics)  
[pharmaceutics@mdpi.com](mailto:pharmaceutics@mdpi.com)  
X@MDPIpharma