

Special Issue

Drug Discovery and Drug Delivery System for Biological Application

Message from the Guest Editors

The design and synthesis of active compounds (AC) are rationally developed aiming to increase the success rate in the discovery of drugs against different pathologies. Currently, different approaches linked to experimental and computational methods can be used to optimize the achievement of AC, such as: (i) obtaining them from nature (plants, animals or microorganisms); (ii) development techniques such as structure-based drug design; (iii) ligand-based drug design; and (iv) fragment-based drug discovery.

The publication of expertise in drug design and drug delivery systems will contribute to discussing the recent preclinical and clinical results of pharmacokinetics and pharmacodynamics to obtain effective drugs against different pathologies. Therefore, in this Special Issue, we will address aspects related to new molecules in medicinal chemistry, pharmacological aspects and pharmaceutical technological development.

- active pharmaceutical ingredients (APIs)
- vegetable active pharmaceutical ingredients (VAPIs)
- pharmaceutical forms
- nanosystems
- drug targeting
- drug release and delivery properties
- scale-up technologies
- medicinal chemistry

Guest Editors

Dr. João Augusto Oshiro Júnior

Pharmaceutical Sciences Postgraduate Center for Biological and Health Sciences, State University of Paraíba, Av. Juvêncio Arruda, S/N, Campina Grande 58429-600, Paraíba, Brazil

Dr. Arnobio A. da Silva-Junior

Department of Pharmacy, Federal University of Rio Grande do Norte-UFRN, Natal 59072-570, RN, Brazil

Deadline for manuscript submissions

closed (20 December 2022)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/105658

Pharmaceutics
Editorial Office
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 5.5
CiteScore 10.0
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 3.3 days (median values for papers published in this journal in the first half of 2025).