

Special Issue

Artificial Intelligence in Drug Discovery, Pharmaceutical Processes, and Drug Delivery

Message from the Guest Editors

The integration of Artificial Intelligence (AI) into pharmaceutical sciences is transforming the way therapeutics are discovered, developed, and delivered. AI-driven strategies are accelerating drug discovery through predictive modeling, molecular design, target identification, and data-guided optimization of candidate compounds. In pharmaceutical processes, machine learning and advanced analytics are enhancing manufacturing efficiency, improving quality control, and supporting real-time decision-making within complex production workflows. At the same time, AI is redefining drug delivery by enabling intelligent formulation design, personalized delivery systems, and optimized routes of administration based on patient-specific parameters. This Special Issue invites original research articles, reviews that highlight cutting-edge advancements and practical applications of AI across the entire pharmaceutical pipeline. Contributions exploring computational methodologies, experimental validation, translational approaches, regulatory considerations, and ethical implications are especially encouraged. We look forward to receiving your contributions.

Guest Editors

Dr. Lisa Marinelli

Department of Pharmacy, "G. d'Annunzio" University of Chieti-Pescara, 66100 Chieti, Italy

Dr. Ivana Cacciatore

Department of Pharmacy, "G. d'Annunzio" University of Chieti-Pescara, 66100 Chieti, Italy

Deadline for manuscript submissions

10 June 2026



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/263515

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

Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey, William Levine Hall, Room 225C, 160 Frelinghuysen Road, Piscataway, NJ 08854-8020, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPIus / 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 15.7 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2025).