

Special Issue

New Advances in the Understanding of Proteases as Diagnostic and Pharmaceutical Targets in Homeostatic and Pathologic Conditions

Message from the Guest Editor

Dear colleagues,

Recent advances in the field of drug delivery showed tremendous potential and benefits in engineering pharmaceutical technologies able to respond to environmental stimuli. Chemical, physical and biological stimuli can be harnessed to trigger therapeutic, diagnostic, and targeting properties of pharmaceuticals, imaging probes, nano-, and microcarriers. Such technologies were shown to provide in vivo superior targeting and safety while ameliorating current management for various pathological conditions. The ubiquitous and redundant expression of proteases attracted the interest of the scientific community to generate more efficient therapeutic, diagnostic, and theranostic tools able to respond to the activity of these enzymes. To this goal, I invite scientists from any medical field to submit their original papers or reviews regarding synthesis, characterization, therapeutic and imaging properties of pharmaceuticals, diagnostic tools, and carriers which properties can be triggered by intra- and extracellular proteases.

Guest Editor

Dr. Alessandro Parodi

Scientific Center for Translation Medicine, Sirius University of Science and Technology, 354340 Sochi, Russia

Deadline for manuscript submissions

closed (20 May 2022)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/54181

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).