

## Special Issue

# Editorial Board Members' Collection Series: Targeted Delivery of Anticancer Agents Engaging Cell Specific Mechanisms

### Message from the Guest Editors

The aim of anticancer therapy is to kill tumor cells with minimal harm to non-tumor cells. Cell determinants located on the surface of tumor cells can be used for specific recognition of these cells in cases where these determinants differ qualitatively or quantitatively from those of non-tumor cells. Transport machinery of tumor cells is also often exploited for the purposes of internalization of anticancer agents and/or for their delivery to specific subcellular structures and macromolecules. This Special Issue is devoted to the newest achievements in the field of engagement of cell mechanisms for tumor-specific delivery of anticancer agents and aims to consider targeted delivery of toxic agents with the help of antibodies/antibody mimetics or ligands to specific tumor cell receptors, non-toxic agents metabolized in tumor cells into toxic agents, as well as targeted delivery utilizing cell transport systems, cell metabolism, DNA repair systems, and defective vasculature of tumors. We look forward to receiving your contributions.

### Guest Editors

Prof. Dr. Alexander S. Sobolev

1. Biological Faculty, Moscow State University, Moscow 119234, Russia
2. Institute of Gene Biology, Russian Academy of Sciences, 34/5 Vavilov St., Moscow 119334, Russia

Dr. Katerina Gurova

Department of Cell Stress Biology, Roswell Park Comprehensive Cancer Center, Buffalo, NY 14263, USA

### Deadline for manuscript submissions

closed (30 June 2024)



## Pharmaceutics

an Open Access Journal  
by MDPI

Impact Factor 5.5  
CiteScore 10.0  
Indexed in PubMed



[mdpi.com/si/147823](https://mdpi.com/si/147823)

*Pharmaceutics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[pharmaceutics@mdpi.com](mailto: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 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.

---

### 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, 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 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).