



## Biodegradable Nanomaterials for Targeted Drug Delivery

Guest Editor:

**Prof. Dr. Andriy Grafov**  
Materials Chemistry Division,  
Department of Chemistry,  
University of Helsinki, 00560  
Helsinki, Finland

Deadline for manuscript  
submissions:

**closed (20 December 2023)**

### Message from the Guest Editor

Dear Colleagues,

Nanostructures for targeted drug delivery have attracted increasing attention owing to their ability to improve drug efficacy, enhance the bioavailability of active ingredients, control their release, or provide a possibility to target cells. However, nanomedicine is still at an early stage. Different forms of nanostructures have been used for active targeting based on biorecognition by particular cells beyond purely size-dependent biological and chemical interactions. The development of pharmaceutically active compounds (PhACs) modulating immune response is a challenge for modern medicine.

This volume will deal with many technical problems associated with the synthesis and composition of promising PhACs (including ethnomedical ones) and nano-assemblies containing them, molecular modeling of those systems and their interactions, their uptake into the target cell, efficient stimuli- triggered payload release, and their bioavailability, toxicity profiles, and immunomodulatory activity.

Prof. Dr. Andriy Grafov  
*Guest Editor*





an Open Access Journal by MDPI

## 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

## 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 and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)

## Contact Us

---

*Pharmaceutics* Editorial Office  
MDPI, Grosspeteranlage 5  
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