

Special Issue

Peptide-Mediated Targeted Drug Delivery

Message from the Guest Editor

Peptides can improve the specificity and efficiency of their delivery into a given pathological tissue or cell. This property is largely attributed to selective binding to their receptor proteins, which may be biomarkers for the tissue or cells of interest. Peptide–receptor ligation can invoke downstream signaling cascades and/or trigger cellular transport processes for cargo intake and even exchange between cells. Phage display has been useful in discovering such peptide tools in a high-throughput manner, which may also lead to the identification of novel biomarkers for target protein/cell/tissue.

Understanding how peptides function as therapeutics themselves or as delivery vehicles, and exploring new screening strategies, will shed light on cell biology and physiology, in addition to providing better ways to develop peptide-based delivery and therapeutic technologies. This Special Issue will focus on peptide and biomarker discovery, cellular responses to peptide–receptor interactions, preclinical and clinical applications of peptides in navigating molecular and nanoscale diagnostic and therapeutic payloads.

Guest Editor

Dr. Hongbo Pang

Department of Experimental and Clinical Pharmacology, University of Minnesota, Minneapolis, MN 55455, USA

Deadline for manuscript submissions

closed (31 May 2022)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 12.5
Indexed in PubMed



mdpi.com/si/94513

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 12.5
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).