

Special Issue

Antimicrobial Peptide-Polymer Conjugates

Message from the Guest Editors

The rapid spread of antibiotic-resistant bacteria is a worrying public health problem, and the World Health Organization (WHO) considers it to be one of the greatest threats to global health.

Antimicrobial peptides (AMPs) have been drawing attention as a very promising alternative to conventional antibiotics. AMPs have a broad spectrum of action and are able to break down bacterial membranes with a very low propensity to induce resistance.

Novel AMP delivery systems, namely polymeric systems, are currently being developed to improve the bioactivity of AMPs while reducing possible side effects.

This Special Issue aims to cover different aspects of the development of AMP-polymer conjugates designed to control AMP delivery in different forms, namely nano and microparticles, films/coatings, scaffolds, hydrogels, fibers, and printed systems. Papers describing the design, preparation, and physico-chemical and biological characterization of these systems are most welcome.

Authors are invited to submit original research articles and reviews in this important and exciting research field.

Guest Editors

Dr. Claudia Monteiro
Dr. Viorica Patrulea
Dr. Martijn Riool

Deadline for manuscript submissions

closed (30 September 2021)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/70023

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).