

Special Issue

Polypeptides and Bioconjugates: Synthesis, Anticancer and/or Antimicrobial Activities

Message from the Guest Editors

Many medicines on the pharmaceutical market are based on peptides or modified amino acids, such as enalapril (Vasotec), acetylcysteine (chemical name N-acetyl-L-cysteine), peptide antibiotics, as well as several analogues of the peptide hormone somatostatin, named octreotide, lanreotide, and vapreotide, which is used to fight different types of cancer. Therefore, peptides have been well proven as possible alternatives for other medical drugs in the treatment of different illnesses. In recent years, many scientific groups have worked on the synthesis of bioconjugates between peptides and other chemical structures in their efforts to identify molecules with synergistic effects and improved pharmacodynamics. Thus, this Special Issue aims to highlight and unite the scientific studies of different groups and the contemporary progress in the field of new peptide-based structures with anticancer and/or antimicrobial activities. Mathematical predictions may also be included, as well as investigations into prodrugs based on amino acids.

Guest Editors

Prof. Dr. Dancho Danalev

Biotechnology Department, University of Chemical Technology and Metallurgy, 8 Kliment Ohridski Blvd., 1756 Sofia, Bulgaria

Prof. Dr. Emilia Naydenova

Department of Organic Chemistry, University of Chemical Technology and Metallurgy, 8 Kliment Ohridski Blvd, 1756 Sofia, Bulgaria

Deadline for manuscript submissions

closed (30 April 2024)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/166754

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).