

Special Issue

Nano-Based Approaches for Infectious Diseases

Message from the Guest Editor

Infectious diseases have become one of the world's most urgent health issues, presenting several medical and technological challenges, such as the lack of effective treatments, the emergence of resistant strains, the difficulty to treat biofilms, and the challenges of addressing established infections. Moreover, there is an urgent need to detect and identify infections at early stages, as well as to prevent the spread of infection. Recent advances in nanotechnology have provided exciting solutions to a number of these challenges, from sensing and detection systems to the delivery of therapeutic agents, design of targeted therapies, biofilm control and generation of new vaccines. This Special Issue aims to provide an overview about the recent advances in the development of nano-based approaches for infectious diseases, focusing on promising strategies to address the above-mentioned problems. As the , I cordially invite all researchers to publish their original research or review articles with expert opinions and perspectives on this research field.

Guest Editor

Dr. Joana Magalhães

LAQV, REQUIMTE, Departamento de Ciências Químicas, Faculdade de Farmácia, Universidade do Porto, 4050-313 Porto, Portugal

Deadline for manuscript submissions

closed (31 July 2022)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/91251

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 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
Department of Pharmaceutics, Ernest Mario School of Pharmacy,
Rutgers University, Piscataway, NJ 08854, 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 14.9 days after submission; acceptance to publication is undertaken in 3.3 days (median values for papers published in this journal in the first half of 2025).