



Overcoming Drug Delivery Problems through Advanced Drug Delivery System Design

Guest Editors:

**Prof. Dr. Sophia G.
Antimisiaris**

Dr. Spyridon Mourtas

Dr. Antonia Marazioti

Deadline for manuscript
submissions:
closed (31 January 2021)

Message from the Guest Editors

The scope of this Special Issue is to present and highlight the current developments in the area of advanced drug delivery systems which are designed to help overcome specific drug delivery problems. Such (delivery) problems are encountered in several categories of therapeutics and are usually related to poor properties of the drug molecules, such as permeability, solubility, stability, circulation half-life, and toxicity, which may result in poor absorption and bioavailability at the site of action, need for frequent dosing, exclusion of specific routes of administration or even inability to administer the drug by any route. In other cases, problems are related to difficult-to-reach biological sites, due to existing biological barriers, such as the blood–brain barrier (BBB). To overcome drug delivery problems, several types of nanomedicines have been designed and developed in recent years.

This Special Issue serves to highlight all the abovementioned situations, or other cases not mentioned. We invite articles on all aspects of advanced drug delivery systems designed with the aim to overcome drug delivery problems.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Department of Pharmaceutics,
Ernest Mario School of
Pharmacy, Rutgers University,
Piscataway, NJ 08854, 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

mdpi.com/journal/pharmaceutics
pharmaceutics@mdpi.com
X@MDPIpharma