Special Issue

Drug Delivery: Recent Developments and Future Prospects (Volume II)

Message from the Guest Editors

The effectiveness of drugs is significantly related to their route of delivery. Thus, the development of efficient drug delivery systems (DDSs) is of paramount importance to better control the pharmacodynamic and pharmacokinetic profile of drugs. Other aspects, such as immunogenicity and toxicity, are also impacted by their delivery mechanism. Currently, materials in the nanoscale range are employed to deliver drugs to specific targeted sites in a controlled manner. The opportunities and challenges of nanomedicines in drug delivery from synthetic/natural sources are currently subject to intense scrutiny, and the information regarding the trends and perspectives in the field of nanomedicine is very promising. However, these delivery vehicles are only a small selection of those that are currently available. In this, the second volume of the Special Issue "Drug Delivery: Recent Developments and Future Prospects (Volume II)", we aim to enrich this particular field of drug delivery systems by inviting colleagues to contribute their research work on cutting-edge drug delivery carriers with promising perspectives.

Guest Editors

Dr. Marilena Vlachou

Section of Pharmaceutical Technology, Department of Pharmacy, School of Health Sciences, National and Kapodistrian University of Athens, 15784 Athens, Greece

Dr. Angeliki Siamidi

Section of Pharmaceutical Technology, Department of Pharmacy, National and Kapodistrian University of Athens, 15784 Athens, Greece

Deadline for manuscript submissions

closed (20 November 2023)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/166930

Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

mdpi.com/journal/materials

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/journal/materials

About the Journal

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian
1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)