



an Open Access Journal by MDPI

Mesoporous Materials as Efficient Platforms for the Delivery of Bioactive Agents

Guest Editors:

Prof. Dr. Anton Ficai

1. Department of Science and Engineering of Oxide Materials and Nanomaterials, Faculty of Applied Chemistry and Materials Science, University Politehnica of Bucharest, 1-7 Gh. Polizu St., 011061 Bucharest, Romania
2. Academy of Romanian Scientists, 54 Splaiul Independenței St., Bucharest, Romania

Prof. Dr. Denisa Ficai

Department of Inorganic Chemistry, Physical Chemistry and Electrochemistry, Faculty of Applied Chemistry and Materials Science, University POLITEHNICA of Bucharest, 060042 Bucharest, Romania

Deadline for manuscript submissions:
closed (10 November 2022)



mdpi.com/si/108925

Message from the Guest Editors

Dear Colleagues,

Porous materials can be efficient carriers for a wide range of bioactive agents, especially used in medical applications. The current Special Issue will be focused on the design and preparation of different mesoporous materials with predefined pore characteristics and specific surface. Pre- and post-synthesis surface functionalisation will be considered in order to determine a specific hydrophilic:hydrophobic ratio as well as to assure a proper interaction with the bioactive agents which are loaded and further controlled delivered. These systems will be used in the treatment of cancer, infections, osteoporosis, etc., as major concerns of our century, but also in a hot topic related to the microbiota associated diseases.

The main potential subtopics include, but are not limited to:

- Design and production of mesoporous materials;
- Design and production of drug delivery systems based on mesoporous materials;
- Use of mesoporous materials in dysbiosis and related diseases;
- Drug-delivery systems based on natural and synthetic bioactive agents.

Prof. Dr. Anton Ficai
Prof. Dr. Denisa Ficai
Guest Editors

Special Issue



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