



Applications of Dendrimers in Biomedicine

Guest Editors:

**Prof. Dr. Felicia-Gabriela
Gligor**

Prof. Dr. Felicia Loghin

Dr. Claudiu Morgovan

Dr. Anca Maria Juncan

Dr. Adina Frum

**Dr. Carmen Maximiliana
Dobrea**

Deadline for manuscript
submissions:
closed (30 June 2023)

Message from the Guest Editors

Biomedicine represents one of the main study areas for dendrimers, which have proven valuable both in diagnostics and therapy, due to their capacity of improving solubility, absorption, bioavailability, and targeted distribution.

Many studies were performed in order to demonstrate the dendrimers' wide potential as drug carriers in different pathologies such as cancer, diabetes, infections, inflammation, Alzheimer's disease, cardiovascular conditions, etc. On the other hand, dendrimers are studied in regenerative medicine (e.g., wound healing, tissue and cartilage reconstruction, bone remineralization, etc.) or cosmetics. Furthermore, dendrimers have applications in diagnosis resulting in improved imaging agents.

In the present Special Issue, manuscripts covering aspects from the entire field such as synthesis, characterization methods, molecular simulations, regulatory, biological or clinical studies, potential applications in biomedicine, pharmacokinetics improvement, toxicity reduction, etc. are encouraged.





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 & Pharmacy*) / CiteScore - Q1 (*Pharmaceutical Science*)

Contact Us

Pharmaceutics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

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