



## Novel Strategies for Enhancing the Therapeutic Effect of Bioactive Compounds in the Treatment of Rheumatic Diseases

Guest Editor:

**Dr. Mihaela Trif**

Institute of Biochemistry,  
Romanian Academy, Bucharest,  
Romania

Deadline for manuscript  
submissions:

**closed (10 May 2022)**

### Message from the Guest Editor

A special interest in the field of nanomedicine is the development of the innovative and efficient nanocarriers with controllable properties for drug delivery and site-specific targeting able to achieve greater efficacy and minimize the toxic effects associated with conventional therapies. The therapeutic profiles of biological and pharmacological agents can be improved by incorporation into nanocarrier systems. In the case of rheumatic diseases such as osteoarthritis (OA) and rheumatoid arthritis (RA), nanoparticles containing bioactive compounds can offer tremendous opportunities in diagnosis, monitoring, and treatment.

This Special Issue will highlight novel strategies exploring the potential of nanocarriers-based bioproducts of natural origin (included but not limited to vegetal and animal sources), with a focus on rheumatic diseases. Data regarding the design, physico-chemical properties, biocompatibility, anti-inflammatory, and regenerative potential of the pharmaceutical nanoformulations are encouraged. Their performance in vitro and in vivo—especially for local/intra-articular applications (but not limited to these)—and clinical assays are welcome.





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](http://www.mdpi.com)

[mdpi.com/journal/pharmaceutics](http://mdpi.com/journal/pharmaceutics)  
[pharmaceutics@mdpi.com](mailto:pharmaceutics@mdpi.com)  
X@MDPIpharma