



Microencapsulation for the Therapeutic Delivery of Drugs

Guest Editor:

Prof. Dr. Thierry Vandamme

Laboratory for the Conception and Application of Bioactive Molecules, Faculty of Pharmacy, University of Strasbourg, 67400 Illkirch-Graffenstaden, France

Deadline for manuscript submissions:

closed (31 December 2020)

Message from the Guest Editor

Microencapsulation is one of the techniques able to overcome the drug stability problem. Moreover, it creates the possibility to formulate encapsulated drug delivery systems with controlled release rates and, therefore, optimize their pharmacokinetics. On these bases, microencapsulated dosage forms represent new and effective therapeutic platforms. The active molecules are protected until they reach their specific action site. Most applied techniques for microencapsulation are based on modifications of the three basic methods: spray-drying, phase separation (coacervation), and solvent extraction/evaporation.

This Special Issue will cover different aspects of microencapsulation as a means to control or modify the release of drug substances from drug delivery systems, improving their biopharmacy. Since clinical efficacies have been reported to be improved by the encapsulation of pharmaceuticals, the bioavailability of drugs, controlling drug release kinetics, minimizing drug side effects, and masking the bitter taste of drug substances will be discussed.





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
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/pharmaceutics
pharmaceutics@mdpi.com
[@MDPIpharma](https://twitter.com/MDPIpharma)