



Additive Manufacturing Approaches to Produce Drug Delivery Systems Volume II

Guest Editors:

Dr. Joana Valente

Centre for Rapid and Sustainable
Product Development,
Polytechnic Institute of Leiria,
2430-028 Leiria, Portugal

**Prof. Dr. Nuno Manuel
Fernandes Alves**

Centre for Rapid and Sustainable
Product Development,
Polytechnic of Leiria, 2430-028
Marinha Grande, Portugal

Deadline for manuscript
submissions:
closed (31 March 2023)

Message from the Guest Editors

Dear Colleagues,

In recent years, additive manufacturing approaches have provided innovative and cutting-edge technologies that have significantly improved different fields. One of the applications of these methodologies is the production of enhanced drug delivery systems. In this regard, using these technologies enables the full manipulation of several drug delivery production parameters that are not able to be changed/combined when conventional approaches are used. Currently, the structures produced through additive manufacturing include scaffolds used on hard tissue regeneration, wound dressings made by fibres that can perfectly mimic the soft tissue and nanometric structures that can be used for transdermal medication. All these kinds of structures could be filled with drugs and biochemical markers leading to a quick and successful therapeutic process.

The potential topics for this Special Issue include, but are not limited to, the following: Medicines (oral, rectal and vaginal); Intravenous and transdermal approaches; Scaffolds and wound dressings; Additive manufacturing technologies for drug delivery systems; Drug delivery mathematical models.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Ernest Mario School of
Pharmacy, Rutgers, The State
University of New Jersey, William
Levine Hall, Room 225C, 160
Frelinghuysen Road, Piscataway,
NJ 08854-8020, 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