

## Special Issue

# Additive Manufacturing Approaches to Produce Drug Delivery Systems

### Message from the Guest Editors

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.

---

### Guest Editors

Prof. Dr. Nuno Manuel Fernandes Alves

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

Dr. Joana Valente

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

---

### Deadline for manuscript submissions

closed (20 January 2022)



## Pharmaceutics

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.5  
CiteScore 12.5  
Indexed in PubMed



[mdpi.com/si/70189](https://mdpi.com/si/70189)

*Pharmaceutics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[pharmaceutics@mdpi.com](mailto:pharmaceutics@mdpi.com)

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





# Pharmaceutics

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.5  
CiteScore 12.5  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

*Pharmaceutics* (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceuticals and biopharmaceuticals. 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.

---

### 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

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.7 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2025).