

## Special Issue

# Wound Care: From Traditional Cotton Wound Dressings to Innovative Wound Dressings

### Message from the Guest Editor

Wound care has an enormous social and economic impact. Thus, in recent years, there has been an increasing amount of attention on developing new efficient wound management strategies as well as multifunctional wound dressings to accelerate the healing process of wounds and, consequently, to improve the health state of patients. Generally, there are many different types of wounds (e.g., acute, chronic, exuding and dry wounds), and each wound requires a suitable and functional dressing. In the past, cotton gauzes have been widely employed as dressings, and today, new wound dressings made of natural fibers such as hemp, flax, Spanish Broom, silk or biocompatible polymers can be used to promote the healing process. Moreover, in order to treat infected wounds and to ensure an efficient treatment, these biomaterials as well as cotton can be functionalized with antimicrobial, antioxidant, and anti-inflammatory agents. This Special Issue has the aim of highlighting current progress from traditional cotton wound dressings to multifunctional modern wound dressings.

- wound healing
- infected wounds
- wound dressing
- biopolymers
- natural fibers

---

### Guest Editor

Dr. Teresa Cerchiara

Department of Pharmacy and Biotechnology, University of Bologna, Via San Donato 19/2, 40127 Bologna, Italy

---

### Deadline for manuscript submissions

closed (30 December 2021)



## Pharmaceutics

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.5  
CiteScore 10.0  
Indexed in PubMed



[mdpi.com/si/60316](https://mdpi.com/si/60316)

*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 10.0  
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  
Department of Pharmaceutics, Ernest Mario School of Pharmacy,  
Rutgers University, Piscataway, NJ 08854, USA

---

### Author Benefits

#### 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)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 3.3 days (median values for papers published in this journal in the first half of 2025).