



Biomaterials in Skin Wound Healing and Tissue Regenerations

Guest Editors:

Prof. Dr. Ewa Kłodzińska

Department of Analytical
Chemistry and Instrumental
Analysis, Institute of Sport-
National Research Institute,
Warsaw, Poland

Dr. Marek Konop

Department of Experimental
Physiology and Pathophysiology,
Laboratory of Centre for
Preclinical Research, Medical
University of Warsaw, 02-091
Warszawa, Poland

Deadline for manuscript
submissions:

closed (10 January 2022)

Message from the Guest Editors

Dear Colleagues,

Normal skin wound healing is a complex biological process, involving many different stages and cell types as well as numerous signaling molecules and pathways which aim to restore skin structure and function. However, impaired wound healing is a major medical problem, especially in diabetes. Promotion of skin regeneration in case of acute or chronic wounds through the use of tissue-engineered products is an active field of research. One of the primary goals of tissue engineering and regenerative medicine is the development of a matrix or scaffolding system that mimics the structure and function of native tissue. In the last few years, biomaterials have been widely investigated for several biomedical applications such as implants, wound dressing, scaffolds, drug delivery systems and antibacterial agents for regenerative medicine. These materials' surface functionalization, by incorporating biomolecules, biopolymers or bioactive drugs, has been shown to achieve improvements in fields of creating new type of wound dressings.





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

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

mdpi.com/journal/pharmaceutics
pharmaceutics@mdpi.com
X@MDPIpharma