



Pharmaceutical Industry 4.0

Guest Editors:

Dr. Dimitrios M. Rekkas

Department of Pharmacy,
National and Kapodistrian
University of Athens, 15784
Athens, Greece

Dr. Panorios Benardos

School of Mechanical
Engineering, National Technical
University of Athens, 15780
Athens, Greece

Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editors

The pharmaceutical industry is under a major change in light of specific regulatory, scientific, and technological advancements. Following a long period of inaction, the pharmaceutical industry faced the first wave of change mainly originating from the regulatory authorities. The FDA's new quality initiatives started during the 1990s and focused on process engineering, introduced novel approaches for Pharma such as systems thinking in GMPs, quality by design, pharmaceutical quality system, quality risk management, continuous manufacturing, etc. This wave shaped a totally new regulatory framework, which significantly disrupted Pharma's old culture regarding, among others, its outdated manufacturing methodologies and empirical development practices.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Jon Schommer

College of Pharmacy, University
of Minnesota, Minneapolis, MN
55455, USA

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Pharmacy* (ISSN 2226-4787). *Pharmacy*, an international scientific open access journal on pharmacy education and practice, is published by MDPI online quarterly. *Pharmacy* is published in open access format—research articles, reviews and other contents are released on the Internet immediately after acceptance.

The scientific community and the general public have unlimited and free access to the content as soon as it is published.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within ESCI (Web of Science), PubMed, PMC, Embase, and other databases.

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 22.9 days after submission; acceptance to publication is undertaken in 3.7 days (median values for papers published in this journal in the first half of 2024).

Contact Us

Pharmacy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/pharmacy
pharmacy@mdpi.com
[X@Pharmacy_MDPI](https://twitter.com/Pharmacy_MDPI)