Special Issue

Breakthroughs in Bioinformatics and Biomedical Engineering

Message from the Guest Editors

This Special Issue explores cutting-edge advancements in bioinformatics and biomedical engineering, focusing on leveraging technology to solve challenges in medicine and biology. We invite high-quality original research, reviews, and case studies demonstrating novel applications of artificial intelligence (AI), machine learning (ML), and computational methods in healthcare, bioinformatics, and medical imaging. Topics will highlight innovations in bioinformatics, medical image analysis, and AI-driven diagnostics that enhance the understanding and treatment of diseases.

Guest Editors

Prof. Dr. Panayiotis Tsanakas

School of Electrical & Computer Engineering, National Technical University of Athens, 9 Iroon Polytechniou Str., 15772 Athens, Greece

Dr. Evangelos Makris

School of Electrical & Computer Engineering, National Technical University of Athens, 15772 Athens, Greece

Deadline for manuscript submissions

closed (31 July 2025)

Technologies

mdpi.com/si/226875

mdpi.com/journal/
technologies

Technologies

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 8.5

mdpi.com/journal/
technologies

About the Journal

Message from the Editor-in-Chief

Technologies, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

Editor-in-Chief

Prof. Dr. Manoj Gupta
Department of Mechanical Engineering, National University of Singapore, Singapore 117576, Singapore

Author Benefits

High Visibility:
indexed within ESCI (Web of Science), Scopus, Inspec, Ei Compendex, INSPIRE, and other databases.

Journal Rank:
JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (Computer Science (miscellaneous))

Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.8 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the first half of 2025).