



The New Frontiers of Artificial Organs Engineering

Guest Editors:

Dr. Vincenzo Piemonte

Faculty of Engineering, University
Campus Biomedico of Rome,
Rome, Italy

Dr. Mario Merone

Computer Systems and
Bioinformatics Lab, Università
Campus Bio-Medico di Roma, Via
Alvaro del Portillo 21, 00128
Roma, Italy

Deadline for manuscript
submissions:

31 August 2024

Message from the Guest Editors

This Special Issue will focus on the recent developments of bioengineering sciences in the field of artificial and bioartificial organs (ABOs).

The journal will be accepting contributions (both original articles and reviews) mainly centered on the following topics:

- Computational methods for ABOs;
- Transport phenomena in ABOs;
- Bioreactors for bioartificial organs;
- Cell culture for bioartificial organs;
- Microfabrication technologies for ABOs;
- Membrane applications in ABOs.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

Department of Biomedical
Engineering, Texas A&M
University, College Station, TX
77843, USA

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Bioengineering* (ISSN 2306-5354). *Bioengineering* 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. *Bioengineering* provides an advanced forum for the science and technology of bioengineering. 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](#), [CAPlus / SciFinder](#), [Inspec](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Engineering, Biomedical*)

Contact Us

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

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

mdpi.com/journal/bioengineering
bioengineering@mdpi.com
[X@Bioeng_MDPI](https://twitter.com/Bioeng_MDPI)