

Special Issue

The New Frontiers of Artificial Organs Engineering

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.

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

closed (31 December 2024)



Bioengineering

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.3
Indexed in PubMed



mdpi.com/si/60905

Bioengineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
bioengineering@mdpi.com

[mdpi.com/journal/
bioengineering](https://mdpi.com/journal/bioengineering)





Bioengineering

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.3
Indexed in PubMed



[mdpi.com/journal/
bioengineering](https://mdpi.com/journal/bioengineering)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPIus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Biomedical)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).