



## Using Existing Medical Technologies to Solve and Improve Medical Challenges

Guest Editor:

**Dr. Arnon Blum**

Baruch Padeh Medical Center,  
Azrieli Faculty of Medicine, Bar  
Ilan University, Ramat Gan 15208,  
Israel

Deadline for manuscript  
submissions:

**closed (30 June 2024)**

### Message from the Guest Editor

Dear Colleagues,

We are taught that novel technologies will overcome challenging medical issues. However, during this "run towards the future" we forget that existing technologies could offer some solutions if used in a novel approach. For example, could we use blood cell data (that is a basic factor in every medical evaluation) for other purposes like predicting the outcome of patients with malignancy.

The purpose of this issue is to expose novel approaches to existing technologies. Maybe we could benefit more from existing data and technologies if we could know to use them more efficiently and this approach could be another way of innovation in medicine.

Dr. Arnon Blum  
*Guest Editor*





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*)

**Rapid Publication:** manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.6 days after submission; acceptance to publication is undertaken in 3.1 days (median values for papers published in this journal in the first half of 2024).

## Contact Us

*Bioengineering* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/bioengineering](http://mdpi.com/journal/bioengineering)  
[bioengineering@mdpi.com](mailto:bioengineering@mdpi.com)  
[X@Bioeng\\_MDPI](https://twitter.com/Bioeng_MDPI)