

## Special Issue

# Biomechanics, Health, Disease and Rehabilitation

### Message from the Guest Editor

Today, the application of engineering technologies in patients during rehabilitation training is important as it allows us to explore, understand, and optimize biological problems. Our objective is to summarize the most important methods influencing human rehabilitation performance related to the health sciences for all age groups throughout their lives. In this Special Issue, we encourage papers that aim to promote the latest research in the fields of health, quality of life improvement, and sport rehabilitation and to summarize the best recommendations, as well as papers that help to prevent functional decline and frailty following a life course perspective approach through the utilization of the latest research applied to health in general and applications targeted to all stages of life aimed at the prevention, improved performance, and management of diseases. Modeling, simulation, quantification, and computing of the musculoskeletal system allow us to quantify and improve the parameters characterizing movement in different cases. The aim is to effectively combine and coordinate research and results in order to understand and improve human movement in medicine.

---

### Guest Editor

Prof. Dr. Redha Tair

Department of Physical Education and Sports (EPS), University of Reims Champagne-Ardenne, Reims, France

---

### Deadline for manuscript submissions

closed (31 July 2023)



## Bioengineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.7  
CiteScore 5.3  
Indexed in PubMed



[mdpi.com/si/157221](https://mdpi.com/si/157221)

*Bioengineering*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[bioengineering@mdpi.com](mailto: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 19.2 days after submission; acceptance to publication is undertaken in 3.3 days (median values for papers published in this journal in the first half of 2025).

#### Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.