



## Advances in Trauma and Injury Biomechanics

Guest Editor:

**Dr. Yan Wang**

1. Department of Biomedical Engineering, Faculty of Engineering, The Hong Kong Polytechnic University, Hong Kong 999077, China  
2. Shenzhen Research Institute, The Hong Kong Polytechnic University, Shenzhen 518057, China

Deadline for manuscript submissions:

**30 June 2024**

### Message from the Guest Editor

Dear Colleagues,

The biomechanics of injuries or trauma is a scientific area that uses mechanical principles to explain injury and trauma rationales, predict risk factors, explore the tolerance level and response of human tissues to specific loading conditions, and provide scientific fundamentals for the ergonomic design of body protection and body supports. A sufficient exploration of the biomechanics of injury and trauma is thus efficient and necessary for the alleviation, elimination, or precaution of injuries and traumas, even for injury treatments and rehabilitation.

This Special Issue on the biomechanics of injury and trauma aims to collect cutting-edge technologies, innovations, and research findings in research and development industries in the field of injury biomechanics, for the purpose of promoting applications of advances for injury precaution, as well as stimulating new creations for injury management.





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](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)