

## Special Issue

# Recent Advancements in Wound Healing and Repair

### Message from the Guest Editor

Recent advancements in wound healing and repair have introduced innovative approaches, paving the way for faster and more effective recovery. These developments encompass the use of bioactive dressings, growth factors, stem cell therapy, and tissue engineering to enhance tissue regeneration and minimize scarring. Emphasizing personalized medicine, researchers are crafting tailored treatment strategies that address the unique needs of each patient. Key research areas in this field include identifying biomarkers for wound healing, developing novel therapies, and investigating the microbiome's role in the healing process. Additionally, advancements in imaging technologies and computer modeling are offering new insights into the mechanisms of wound healing, ultimately improving treatment outcomes.

### Guest Editor

Dr. Wing Sum Siu

Institute of Chinese Medicine, Chinese University of Hong Kong, Hong Kong 999077, China

### Deadline for manuscript submissions

closed (28 February 2026)



## Bioengineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.7  
CiteScore 5.3  
Indexed in PubMed



[mdpi.com/si/212014](https://mdpi.com/si/212014)

*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 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).