

## Special Issue

# Implantable Medical Devices: 2nd Edition

### Message from the Guest Editor

Research that will result in the eventual development of implantable medical devices must be of the highest scientific standard in order to help ensure patient safety. However, those of us who specialize in translational research also understand that other considerations must often be made when designing these projects. Future regulatory and reimbursement considerations must be made when setting up research on implantable medical devices. As a result, there is a higher probability that this research will be applied to, and be useful for, a commercially viable device. In order to showcase translational research, MDPI's Bioengineering journal is offering a second Special Issue dedicated to research on implantable medical devices. The goal of this is to further highlight cutting-edge research that has a high probability of leading to either improvements or developments in medical implants. The research presented can range from basic science studies to biomechanics and biomaterials research used for testing in large animals. This Special Issue will include a broad range of novel research related to medical devices across all sectors.

### Guest Editor

Prof. Dr. Elizabeth A Friis

Department of Mechanical Engineering, University of Kansas,  
Lawrence, KS 66045, USA

### Deadline for manuscript submissions

closed (31 August 2024)



## Bioengineering

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.7**  
**CiteScore 5.3**  
**Indexed in PubMed**



[mdpi.com/si/192929](https://mdpi.com/si/192929)

*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.