

## Special Issue

# Innovative Prosthetic Devices Applied to the Human Body

### Message from the Guest Editors

This Special Issue aims to showcase the latest research, technologies, and innovations in the field of prosthesis and rehabilitation, and to explore the challenges and opportunities that lie ahead. This Special Issue's topic will merge the applications of prosthetic devices, including the integration of sensors, machine learning algorithms, and neural interfaces, to improve the accuracy, speed, and adaptability of each prosthesis that can be applied to the human body. The fields of medicine, biomedicine, bioengineering, and materials sciences are the main areas of this Special Issue, and topics related to cardiac prosthesis, ocular prosthesis, dental prosthesis, and orthopedic prosthesis are also welcome. Keywords

- cardiac prosthesis
- ocular prosthesis
- orthopedic prosthesis
- periodontal
- prosthodontics
- biomaterials
- biomedicines

---

### Guest Editors

Prof. Dr. Marco Cicciu

Department of Biomedical and Surgical and Biomedical Sciences, Catania University, 95123 Catania, Italy

Prof. Dr. Gabriele Cervino

Department of Biomedical and Dental Sciences and Morphofunctional Imaging, University of Messina-Policlinico "Gaetano Martino", Via Consolare Valeria, 98100 Messina, Italy

---

### Deadline for manuscript submissions

20 December 2024



## Prosthesis

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 4.8



[mdpi.com/si/169400](https://mdpi.com/si/169400)

*Prosthesis*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[prosthesis@mdpi.com](mailto:prosthesis@mdpi.com)

[mdpi.com/journal/  
prosthesis](https://mdpi.com/journal/prosthesis)





# Prosthesis

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 4.8



[mdpi.com/journal/  
prosthesis](https://mdpi.com/journal/prosthesis)



## About the Journal

### Message from the Editor-in-Chief

---

#### Editor-in-Chief

Prof. Dr. Marco Cicciu  
Department of Biomedical and Surgical and Biomedical Sciences,  
Catania University, 95123 Catania, Italy

---

#### Author Benefits

##### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

##### High Visibility:

indexed within Scopus, ESCI (Web of Science), and other databases.

##### Journal Rank:

CiteScore - Q1 (Oral Surgery)