

## Special Issue

# Innovations in Biomedical Signal Processing and Modeling for a Better Healthcare

### Message from the Guest Editor

We have seen advances in healthcare over the years, with the majority of this due to the development of technologies whose underlying knowledge is in fundamental areas such as signal processing and machine learning. Practical and innovative approaches in biomedical signal processing and modeling for addressing everyday problems are critical in this context. This Special Issue of the journal *Healthcare* provides you with the opportunity to disseminate the findings of your research that highlight innovative aspects of biomedical signal processing and/or modeling in healthcare. Applications such as patient monitoring, disease diagnosis and progression, patient rehabilitation, and medical image analysis are encouraged. It is expected that you clearly indicate the novel aspects of signal processing or modeling that assisted you in solving your problem.

### Guest Editor

Prof. Dr. Adriano de Oliveira Andrade

Centre for Innovation and Technology Assessment in Health, Faculty of Electrical Engineering, Federal University of Uberlândia, Uberlândia 38408-100, MG, Brazil

### Deadline for manuscript submissions

closed (31 October 2023)



## Healthcare

an Open Access Journal  
by MDPI

Impact Factor 2.7  
CiteScore 4.7  
Indexed in PubMed



[mdpi.com/si/121290](https://mdpi.com/si/121290)

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

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





# Healthcare

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 4.7  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

*Healthcare* is an international, peerreviewed, open access, multidisciplinary journal. Original research articles, short communications, review articles, and symposium highlights are welcomed.

*Healthcare* hopes to influence global health and disease aspects, and hopes to gain high visibility and acceptance by the scientific and healthcare community and will dedicate itself to covering special and specific topics in special issues.

We would be pleased to welcome you as one of our authors.

---

### Editor-in-Chief

Prof. Dr. Lorraine S. Evangelista

Louise Herrington School of Nursing, Baylor University, Dallas, TX  
75246-1754, USA

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), PubMed, PMC, and other databases.

#### Journal Rank:

JCR - Q2 (Health Policy and Services) / CiteScore - Q1  
(Leadership and Management)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.5 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).