



Computing and Artificial Intelligence Techniques for Healthcare Applications

Guest Editor:

Dr. Ahmed Farouk

Cybersecurity Research Lab,
Ryerson University, Toronto, ON,
Canada

Deadline for manuscript
submissions:

closed (30 September 2021)

Message from the Guest Editor

Dear Colleagues,

To expand the scope and ease of the applicability of machine learning, it is highly desirable to make learning algorithms less dependent on handcrafted feature engineering, so that novel applications can be constructed faster and, more importantly, progress toward artificial intelligence (AI) can be made.

This Special Issue aims to target recent computation and machine learning techniques as well as some of the state-of-the-art applications in the healthcare areas such as bioinformatics, bioprocess systems, biomedical systems, biomedical physics, and bioecological system. This Special Issue will consider original research articles and review articles on computational and intelligent methods in healthcare and their applications. We wish to gather relevant contributions introducing new techniques for the study of complex healthcare systems driven by computational methods. Papers on interdisciplinary applications are particularly welcome. We also encourage authors to make their codes and experimental data available to the public, so that our Special Issue can be more inclusive and attractive.





an Open Access Journal by MDPI

Editor-in-Chief

**Prof. Dr. Lorraine S.
Evangelista**

Sue & Bill Gross School of
Nursing, University of California,
Irvine, CA 92697, USA

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.

Author Benefits

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

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)

Contact Us

Healthcare Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/healthcare
healthcare@mdpi.com
[X@HealthcareMDPI_](https://twitter.com/HealthcareMDPI_)