

## Special Issue

# Medical Applications of Artificial Intelligence

### Message from the Guest Editors

Artificial intelligence (AI) is having a transformative effect on the healthcare delivery in unprecedented ways. AI is revolutionizing the way medical professionals approach patient care, from early diagnosis to personalized treatments. AI is also influencing areas of telemedicine and remote patient monitoring. The integration of treatment and rehabilitation has shown promise and potential in improving the accuracy and speed of procedures while reducing the risk of human error. However, while the potential of AI in healthcare is vast, there are also concerns about ethical implications and consequences. It is important that AI is developed and deployed with a strong focus on patient-centred care and safety. This Special Issue of *Electronics* focuses on the novel advancements in medical applications of artificial intelligence, exploring the opportunities and challenges of this rapidly evolving field of healthcare delivery. With AI becoming an increasingly integral component of healthcare utilization, it is essential to continue this critical discussion and idea sharing about the role of AI in medicine and healthcare.

### Guest Editors

Prof. Dr. Jawahar (Jay) Kalra

Pathology and Laboratory Medicine, College of Medicine, University of Saskatchewan, Saskatoon, SK S7N 5E, Canada

Dr. Patrick Seitzinger

Department of Pediatrics, University of Saskatchewan, Saskatoon, SK S7N 5E, Canada

### Deadline for manuscript submissions

closed (28 February 2025)



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

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di  
Torino, 10129 Torino, Italy

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