

## Special Issue

# Artificial Intelligence and Computational Methods in Cardiology

### Message from the Guest Editors

The Special Issue invites submissions that demonstrate the utility of AI and computational methods in analyzing various multimodal signal sources and imaging modalities, including (but not limited to) optical signals, electrical signals (electroencephalogram, electromyogram, electrocardiogram), echocardiography, nuclear cardiology, cardiac computed tomography, and cardiac magnetic resonance imaging. Additionally, discussions on innovative wearable, point-of-care, and ambulatory devices incorporating AI applications for diagnosing cardiac diseases are encouraged. Submitted manuscripts should provide robust evidence of the outcomes' utility in real-life applications, including clear problem definitions, appropriate data usage, population selection, and adequate validation strategies. Furthermore, authors are expected to address the challenges and limitations inherent in these applications, ensuring a comprehensive and critical evaluation of the proposed methodologies. We look forward to receiving your contributions.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2024)



## Diagnostics

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**Impact Factor 3.3**  
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## About the Journal

### Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* 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. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

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