

Special Issue

The Use of Artificial Intelligence in Cardiovascular Medicine

Message from the Guest Editor

Artificial intelligence (AI) has emerged as a transformative tool in cardiovascular medicine, offering unprecedented opportunities to enhance diagnostic accuracy, optimize treatment strategies, and improve patient outcomes. This Special Issue, entitled *The Use of Artificial Intelligence in Cardiovascular Medicine*, aims to explore the integration of AI technologies across diverse domains of cardiovascular health. We aim to focus on state-of-the-art advancements, including AI-driven imaging techniques, ECG analysis, predictive analytics for cardiovascular risk, machine learning algorithms for arrhythmia detection, and AI applications in personalized medicine. Additionally, we seek to address challenges such as data privacy, ethical considerations, and the validation of AI tools in clinical practice. By bringing together multidisciplinary perspectives, this Special Issue aspires to provide a comprehensive overview of the current and future impact of AI on cardiovascular care.

Guest Editor

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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