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 Aldriven imaging techniques, ECG analysis, predictive analytics for cardiovascular risk, machine learning algorithms for arrhythmia detection, and Al 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

Dr. Stefano Palermi

Departmental Faculty of Medicine and Surgery, Unicamillus-Saint Camillus International University of Health Sciences, via di Sant'Alessandro 8, 00131 Rome, Italy

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Journal of Clinical Medicine Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 jcm@mdpi.com

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