

Special Issue

Early Diagnosis and Treatment of Atrial Fibrillation

Message from the Guest Editors

This Special Issue (SI) addresses the pressing need for the prompt identification and management of atrial fibrillation (AF). AF is characterized by irregular and often rapid heart rates that increase the risk of stroke, heart failure, and other severe cardiovascular complications. This SI includes the use of wearable technology, electrocardiogram (ECG) monitoring, and novel biomarkers that enhance the early detection of AF. Additionally, it explores innovative treatment modalities such as direct oral anticoagulants (DOACs), which offer safer and more effective anticoagulation therapy, and catheter ablation, a minimally invasive procedure that can significantly reduce AF recurrence. The role of lifestyle modifications and comprehensive patient education in managing AF is also emphasized, highlighting the importance of a holistic approach to treatment. By presenting a thorough examination of these advancements, this SI aims to equip healthcare professionals with the knowledge and tools needed to implement early diagnosis and tailored treatment strategies, ultimately improving patient outcomes and quality of life for those affected by AF.

Guest Editors

Dr. Carlo Lavalle

Department of Clinical Internal Anesthesiologic and Cardiovascular Sciences, Sapienza University of Rome, 00161 Rome, Italy

Dr. Nicola Pierucci

Department of Clinical Internal Anesthesiologic and Cardiovascular Sciences, Sapienza University of Rome, 00161 Rome, Italy

Deadline for manuscript submissions

closed (15 February 2025)



Medicina

an Open Access Journal
Published by MDPI

Impact Factor 2.4
CiteScore 4.1
Indexed in PubMed



mdpi.com/si/215113

Medicina
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
medicina@mdpi.com

[mdpi.com/journal/
medicina](https://mdpi.com/journal/medicina)





Medicina

an Open Access Journal
Published by MDPI

Impact Factor 2.4
CiteScore 4.1
Indexed in PubMed



[mdpi.com/journal/
medicina](https://mdpi.com/journal/medicina)



About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Medicina* (ISSN: 1648-9144). *Medicina* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on medicine. The scientific community and the general public can access the content free of charge as soon as it is published.

Editor-in-Chief

Prof. Dr. Edgaras Stankevičius
Medical Academy, Lithuanian University of Health Sciences, Kaunas,
Lithuania

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, and other databases.

Journal Rank:

JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)