

Special Issue

Advances in Atrial Fibrillation and Cardiac Arrhythmias: Mechanisms, Diagnosis, and Therapy

Message from the Guest Editors

Atrial fibrillation and cardiac arrhythmias continue to pose significant clinical and public health challenges, driven by complex pathophysiological mechanisms and increasing prevalence worldwide. This Special Issue aims to highlight recent advances across the entire spectrum of arrhythmia research—including fundamental insights into electrophysiological and molecular mechanisms, novel approaches to diagnosis and risk prediction, and state-of-the-art therapeutic strategies. Particular emphasis will be placed on the evolving field of atrial fibrillation ablation, including innovations in mapping technologies, energy sources, and patient selection. We welcome original research, reviews, etc., spanning basic science, translational research, and clinical practice, as well as contributions involving digital health, artificial intelligence, imaging, wearable devices, and population-based studies. By integrating diverse disciplines, this Special Issue seeks to provide a comprehensive overview of current progress and future directions in the management of atrial and ventricular arrhythmias.

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine (JPM), ISSN 2075-4426) is an international, open access journal aimed at bringing all aspects of personalized medicine to one platform. *JPM* publishes cutting edge, innovative preclinical and translational scientific research and technologies related to personalized medicine (e.g., precision medicine, pharmacogenomics/proteomics, systems biology, 'omics association analysis). *JPM* is covered in Scopus, the Science Citation Index Expanded (SCIE), PubMed, PMC, Embase, and other databases.

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