



Advances in Substrate Characterization and Treatment of Ventricular Arrhythmias

We have the pleasure to announce this Special Issue on “Advances in Substrate Characterization and Treatment of Ventricular Arrhythmias”. Ventricular arrhythmias are a major cause of morbidity and mortality, presenting with a wide spectrum of clinical manifestations ranging from benign premature ventricular contractions to life-threatening conditions such as sustained ventricular tachycardia, ventricular fibrillation and sudden cardiac death. In the last decades, technological advances in non-invasive imaging modalities and electroanatomic mapping led to a better understanding of the mechanisms and substrate of ventricular arrhythmias and to an improvement in patients risk stratification and treatment. New non-invasive mapping modalities as well as ablation techniques represent the challenges and the future direction of clinical electrophysiology. The aim of this Special Issue is to provide the readers with a comprehensive overview on state-of-the-art methods for ventricular arrhythmias substrate characterization including electroanatomic mapping, cardiac magnetic resonance, nuclear imaging, intracardiac echocardiography, electrocardiographic mapping as well as established treatment modalities and emerging perspectives. We are therefore looking forward to receiving your review articles on this topic.

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Message from the Editor-in-Chief

Reviews in Cardiovascular Medicine was launched in 2000 by MedReviews, LLC, in New York, NY. This journal was conceived to fill a critical gap for clinicians who were struggling with a rapidly expanding knowledge base in cardiovascular medicine with the convergence of basic science, clinical epidemiology, and therapeutic clinical trials. The founding co-editors were David P. Faxon, MD, past president of the American Heart Association, and Norman E. Lepor, MD, who is considered a luminary in interventional cardiology. The contributing editorial board grew over time and Dr. Peter A. McCullough, MD, MPH ascended from contributing, to associate, to co-editor of the Journal. In 2018, the Journal took its next big step under the leadership of Dr. McCullough as editor-in-chief to become a truly international publication. Its offices moved to IMR Press in Hong Kong, and the editorial board was made more inclusive and representative of the world-wide contributors in academic cardiology. Additionally, the journal brought on expertise in translational medicine to help face the future of molecular medicine and its role in cardiovascular disease. Today Reviews in Cardiovascular Medicine is considered a top tier journal in cardiology with timely and comprehensive reviews covering all aspects of cardiovascular medicine including atherosclerosis, myocardial disease, arrhythmias, and valvular heart disease. The scope of papers ranges from population science, applied basic investigation, in-vitro diagnostics, and evidence-based strategy and therapeutic trials involving both pharmacologic intervention and interventional devices. The highly integrative style of the Journal anchored with evidence tables and instructive figures has garnered many citations over the years and many guidelines documents have relied upon works published in Reviews in Cardiovascular Medicine. Supplement and focus issues have been very popular among the readership and often are viewed as the most up-to-date compilations of new knowledge in cardiology and related specialties. The future is bright for academic cardiovascular medicine and Reviews in Cardiovascular Medicine is well positioned along side the clinician-investigator in the years to come as a trusted source of critical information and analysis.

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Submission Deadline: 01 October 2021

Submission: <https://jour.ipublishment.com/imr/access/login>

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