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Early Diagnosis, Pathogenesis and Treatment Strategies of Atrial Fibrillation

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Message from the Guest Editors

Dear Colleagues,

Atrial fibrillation (AF) is a common cardiac arrhythmia, the treatment strategies for which vary depending on the underlying causes and severity of the condition.

This Special Issue will provide an overview of the pathogenesis of AF, and the complex interplay between various mechanisms involved in its initiation, early diagnosis, and management. This issue will also review the different strategies for detecting individuals at high risk for AF; the management and treatment of AF diagnosed early using methods such as artificial intelligence and digital devices; pharmacological therapies such as antiarrhythmic drugs and rate control agents; non-pharmacological interventions such as catheter ablation and electrical cardioversion; and stroke prevention strategies such as anticoagulation therapy. Moreover, we will discuss the challenges and limitations of early diagnosis, as well as current treatment options, and highlight emerging strategies that may offer new approaches to managing AF.



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Special Issue



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Message from the Editor-in-Chief

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