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## Advances in the Diagnosis and Management of Atrial Fibrillation and Heart Failure

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### Message from the Guest Editor

The interaction between atrial fibrillation (AF) and heart failure (HF) is a complex and multifactorial problem that requires further investigation. The coexistence of AF and HF can lead to a vicious cycle where each condition exacerbates the other through mechanisms such as structural cardiac remodeling and activation of neurohormonal systems. The clinical course of AF and HF varies depending on the cause and type of CHF and AF.

New cardiac-specific biomarkers, cardiac imaging and remote monitoring can potentially improve the diagnosis and understanding of AF and HF disease progression, but more research is needed to determine their influence on both diseases.

With the advancements in digital technology, there are many opportunities for early diagnosis of AF and CHF. The Special Issue will explore the latest research on this topic and provide insights into the prevention, diagnosis, and treatment of both conditions. This issue aims to add value to the scientific community and improve the lives of patients suffering from AF and HF by providing a comprehensive understanding of the interaction between these two conditions and the optimal management of patients with both AF and HF.



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**Special** Issue



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