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Advances in Cardiovascular Magnetic Resonance

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Message from the Guest Editors

Dear Colleagues,

Cardiovascular disease remains the leading cause of death worldwide. Cardiovascular magnetic resonance (CMR) imaging is a versatile and non-invasive imaging modality that accurately diagnoses and characterizes cardiovascular disease. CMR is widely accepted as the gold standard for the evaluation of cardiac function. CMR can also characterize various conditions affecting myocardial tissue such as inflammation, edema, necrosis, and fibrosis. Recently, new techniques including T1 mapping, extracellular volume fraction, myocardial strain, 4D flow, DWI/DTI, and chemical exchange saturation transfer (CEST) have further expanded the role of CMR in the diagnosis, risk stratification, and management of cardiovascular diseases.

The aim of this Special Issue is to provide an update on the recent advances in basic, translational, and clinical CMR research. We are looking for original research articles as well as reviews that discuss recent advances in CMR, new CMR techniques, and/or future directions of CMR.





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Message from the Editor-in-Chief

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