

Special Issue

Recent Advances in Cardiac MRI

Message from the Guest Editors

This Special Issue is dedicated to showcasing cutting-edge methods in cardiac MRI acquisition and processing, bridging the gap between fundamental research and clinical application. Topics to be explored include, but are not limited to, the following:

- Innovative cardiac MRI reconstruction techniques, focusing on the development and clinical integration of AI-driven algorithms.
- Innovative cardiac MRI post-processing applications, including denoising, segmentation, and super-resolution.
- Techniques and applications of novel fast imaging acquisition methods.
- Advanced techniques and applications for first-pass perfusion cardiac MRI.
- Techniques and applications in non-contrast parametric mapping.
- Development of new imaging biomarkers.
- Development and applications of novel cardiac MRI sequences, such as 4D flow sequences.
- Novel clinical practices of cardiac MRI.
- Development and applications of non-breath-hold and non-ECG-gated cardiac MR techniques.
- Novel contrast agents for cardiac MRI.

Guest Editors

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Deadline for manuscript submissions

30 November 2025



Bioengineering

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.3
Indexed in PubMed



mdpi.com/si/226934

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