

JCMR Special Issue: Innovation Special Issue in AI

AI in cardiovascular MRI is moving fast. The next challenge is making it matter in clinical practice.

I'm excited to share a new Special Issue of the Journal of Cardiovascular Magnetic Resonance (JCMR):
"Translational AI in Cardiovascular MRI: Foundation Models, Agentic Systems, and Beyond"

We are looking for work that moves beyond proof-of-concept AI and helps bridge the gap between algorithmic innovation and meaningful cardiovascular clinical utility.

We particularly welcome cutting-edge research on topics including foundation models, multimodal AI, intelligent reconstruction and analysis, agentic systems, automation of CMR workflows, and the rigorous validation and translation of AI into clinical practice.



Dr Tim Leiner, MD, PhD, Editor-in-Chief, JCMR.

Importantly, this is a call to the entire CMR and AI community. We encourage submissions from interdisciplinary teams spanning cardiology, radiology, MR physics, computer science, biomedical engineering, and data science.

The Special Issue is led by an outstanding team of Guest Editors: [Claudia Prieto](#), Nicole Seiberlich, [Deborah Kwon](#), and [Chengyan Wang](#).

 Submission deadline: December 1, 2026

If you are developing AI that could change how we acquire, reconstruct, analyze, interpret, or ultimately deliver cardiovascular MRI, we would love to see your work.

Full details and submission information can be found in the call text on the Journal website:

[Translational AI in Cardiovascular MRI: Foundation Models, Agentic Systems, and Beyond: Journal of Cardiovascular Magnetic Resonance](#)

Please share this call with colleagues and collaborators working at the intersection of CMR and artificial intelligence.

Thank you,

Tim Leiner, MD PhD
Editor-in-Chief, JCMR

CALL FOR PAPERS

Journal of **Cardiovascular
Magnetic Resonance**



Special Issue

Translational AI in Cardiovascular MRI

Foundation Models, Agentic Systems, and Beyond



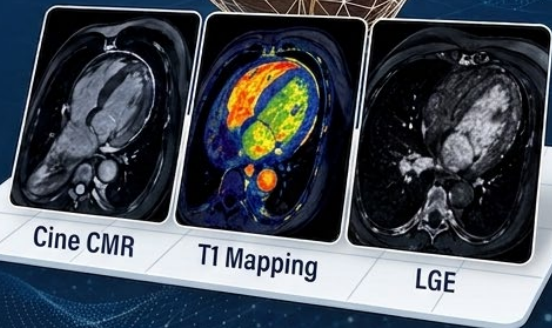
Bridging AI innovation and
clinical utility in cardiovascular MRI



We welcome submissions on
foundation models, multimodal AI,
intelligent reconstruction and analysis,
agentic systems, workflow automation,
and clinical translation.



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Journal of
Cardiovascular Magnetic Resonance
(JCMR)



Share with colleagues working
at the intersection of CMR and AI