



Cardiovascular Magnetic Resonance in Cardiology Practice

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Cardiovascular magnetic resonance (CMR) imaging is a versatile and non-invasive imaging modality that plays an increasingly important role in routine cardiology practice. Recently, new technologies—including T1 mapping, 4D flow, diffusion-weighted and diffusion tensor imaging (DWI/DTI), and chemical exchange saturation transfer (CEST)—have further expanded the role of CMR in the diagnosis, risk stratification, functional assessment, and management of cardiovascular diseases.

The aim of this Special Issue is to collect original clinical and basic research in CMR. Original research articles, reviews, and case reports are welcome. Research areas may include (but are not limited to) the following:

- CMR in assessing cardiac function and structure;
- CMR in clinical cardiovascular diseases, such as ischemic heart disease, nonischemic cardiomyopathies, and heart failure;
- Cardiac magnetic resonance imaging perfusion;
- 4D flow CMR.

We warmly invite scholars and experts in related fields to contribute to this issue.

Prof. Dr. Sebastian Kelle
Guest Editor



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Special Issue