



Advances in Cardiovascular Imaging—Computed Tomography (CT) Focus Issue

Guest Editor:

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Message from the Guest Editor

Cardiovascular diseases are a major global health concern, with imaging technologies playing a crucial role in their diagnosis and treatment. This Special Issue welcomes original articles addressing novel research in the field of cardiovascular imaging—with a focus on computed tomography (CT), advancing diagnosis, or addressing advances in technology (e.g., photon counting CT). MRI, 18FDG-PET or multimodality imaging studies may also be considered.

This Special Issue aims to cover a wide range of topics:

- Coronary artery disease, atherosclerosis, plaque imaging, CV risk prediction by novel imaging biomarkers (e.g., pericardial fat, high-risk plaque), artificial intelligence, cardiovascular inflammation;
- Structural heart disease with a focus on advances in planning novel minimal invasive cardiovascular interventions (aortic, mitral, tricuspidal, and other devices);
- Valvular heart disease, prosthetic valves and other cardiac devices;
- Congenital heart disease, myocardial disease, and infarction.

Further, except for original research, we also encourage the submission of state-of-the-art reviews, case reports and short communications related to the topics listed above.

