



CT Imaging of Coronary Artery Disease

Guest Editor:

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submissions:

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Message from the Guest Editor

Cardiac computed tomography (CT) has emerged as a cornerstone and a well-established non-invasive imaging modality in the clinical diagnostic work-up of patients who have suspected coronary artery disease (CAD) with incremental power in cardiovascular risk prediction. Technical advances in scanner technologies, as well as software applications, including artificial intelligence, have brought cardiac CT to the forefront of cardiovascular imaging. Additionally, cardiac CT has become a one-stop shop for guiding cardiovascular interventions.

This Special Issue is related to articles that focus on:

- Novel technical applications (artificial intelligence/machine learning, photon-counting/spectral-CT);
- Technical advances in diagnosis of CAD;
- Cardiovascular risk stratification and preventive care;
- Biomarkers of cardiovascular inflammation (i.e. epicardial adipose tissue);
- Hemodynamic assessment of CAD (FFR-CT, CT-Perfusion).

The following article types will be considered for publication:

- Original research articles;
- Reviews of the hot topics of cardiac CT;
- Technical reports (of novel technology or imaging techniques) and short communications.





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Message from the Editor-in-Chief

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