

## Special Issue

# Advances in Cardiovascular Computed Tomography (CT)

### Message from the Guest Editor

In its three decades of existence, cardiovascular CT has established itself as one of the most recommended tests to guide patient management. Despite tremendous technological developments that have helped improve imaging speed, diagnostic accuracy, and patient safety, CT is constantly reinventing itself, with new applications arising regularly. This Special Issue aims to highlight the latest developments and cutting-edge research in cardiovascular computed tomography (CT). Topics of interest include, but are not limited to, the following: Clinical Innovations: Novel diagnostic and prognostic applications, advanced image acquisition and reconstruction techniques, artificial intelligence and machine learning in clinical workflows, quantitative CT analysis, and clinical outcomes studies. Experimental and Pre-clinical Research: Investigations into new contrast agents or acquisition protocols, radiation dose reduction strategies, novel hardware developments, functional imaging techniques, and studies utilizing ex vivo systems to explore the underlying mechanisms of cardiovascular disease or validate new CT methodologies.

### Guest Editor

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### Deadline for manuscript submissions

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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