

Special Issue

Nuclear Medicine Applications in Diagnosis and Management of Cardiovascular Diseases

Message from the Guest Editors

The functional assessment of cardiovascular diseases using the nuclear medicine approach can confirm early diagnosis and guide the patient's management. Single photon emission computed tomography (SPECT) and positron emission tomography (PET) imaging tracers used for assessments of perfusion, metabolism, sympathetic innervation, and fibroblast activation in the myocardium are clinically valuable for detecting myocardial ischemia, myocardial viability, the deficiency of myocardial innervation, and myocardial fibrosis. Diagnoses using cardiac SPECT and PET imaging stratify the risk of cardiovascular events and improve the patients' outcome. Accordingly, this Special Issue is dedicated to reviewing and updating nuclear medicine applications in the diagnosis and management of cardiovascular diseases. All related topics are welcome.

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