

Special Issue

Application of Medical Imaging of the Cardiovascular System in Science and Practice, Volume X

Message from the Guest Editor

Cardiovascular disease is the leading cause of death worldwide. In 2016, cardiovascular diseases accounted for 34.2% of all recorded deaths. Ischemic heart disease, stroke, and hypertensive heart disease, despite the progress in diagnostics and therapy, are still significant causes of cardiovascular mortality. Diagnostic imaging is currently the key diagnostic method for cardiovascular diseases. Echocardiography, Doppler ultrasonography and invasive coronary angiography have been the basis of diagnostic schemes of cardiovascular diseases for many years. In recent years, we have observed a further increase in the clinical importance of subsequent imaging methods—cardiac computed tomography, cardiac magnetic resonance and CT or MR angiography. It is impossible to imagine modern medicine without the aforementioned diagnostic methods and the perspective of the next few years will only strengthen this tendency. We invite you to publish original and review articles on the use and importance of cardiovascular imaging in research and clinical practice.

Guest Editor

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