

Special Issue

Molecular Imaging Study of Atherosclerosis

Message from the Guest Editor

Despite recent advances, cardiovascular disease (CVD) remains a global health challenge. Atherosclerosis, the major cause of CVD, is a chronic condition. In clinical settings, molecular imaging studies will be useful to identify patients at a high risk for cardiovascular events, to evaluate novel atherosclerotic therapies that target specific biological processes and select individualized treatment strategies based on a patient's molecular profile that may ensure a more successful outcome. In addition, imaging technologies can specifically detect the effects of therapies that aim to stabilize plaque vulnerability and mitigate vascular inflammation. This Special Issue welcomes original research articles and reviews in the field, with a focus on (but not limited to) the molecular imaging of thrombosis, vascular inflammation and senescence, endothelial dysfunction, SMC biology, immune-metabolic interactions, apoptosis, oxidative stress and tissue remodeling in different animal studies and atherosclerotic patients.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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