

Special Issue

Atherosclerosis and Comorbidities: From Molecular Pathogenesis to Diagnosis and Therapeutic Targets

Message from the Guest Editors

Atherosclerosis is the leading cause of cardiovascular disease, accounting for the majority of morbidity and mortality worldwide. Its development is driven by several risk factors, including smoking, dyslipidemia, inflammation, diabetes mellitus, obesity, metabolic dysfunction-associated fatty liver disease, arterial hypertension, chronic kidney disease, cancer therapies, and genetic factors. These determinants warrant attention not only as contributors to disease progression but also as potential therapeutic targets. With obesity reaching pandemic levels, glucagon-like peptide-1 receptor agonists have been proven to reduce body weight and cardiovascular events. Similarly, sodium-glucose co-transporter 2 inhibitors decrease cardiovascular events in patients with chronic kidney disease. Due to the ongoing advances in the treatment of both atherosclerosis and atherosclerosis-related comorbidities, we are launching a Special Issue on this topic. We welcome original studies and reviews addressing the molecular pathogenesis, diagnosis, or therapeutic targets of atherosclerosis in the context of various comorbidities.

Guest Editors

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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.

Editor-in-Chief

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