

Special Issue

Cardioimmunology: Inflammation and Immunity in Cardiovascular Disease

Message from the Guest Editor

Peter Libby once told me how he got side-eyed by his peers for calling atherosclerosis an inflammatory disease as an aspiring junior researcher. At that time, the interdisciplinary approach to decipher the intricate interplay between cardiovascular tissue, inflammation and immunity - known as Cardioimmunology today - was seen as a niche area investigating a “byproduct” of blood vessel occlusion, genetic predisposition, and lifestyle factors. A few decades later, the interaction between the immune system and cardiovascular organs has unequivocally been recognized as a driving force behind the development and progression of cardiovascular disease. By revealing the contribution of inflammation and immune cells to disease initiation and progression, Cardioimmunology has reshaped our current understanding of myocardial infarction, myocarditis, atherosclerosis, heart failure, arterial hypertension, and - most recently - cardiac arrhythmia. We invite submissions of original research articles and comprehensive reviews that focus on a deeper understanding of how inflammation and immunity contribute to the pathogenesis, diagnosis, and treatment of cardiovascular disease.

Guest Editor

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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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