

Special Issue

Mechanisms of Inflammation in Degenerative Cardiovascular Conditions

Message from the Guest Editors

In the last few decades, multiple lines of evidence have suggested that inflammation is a key player in the development of cardiovascular diseases. The very mechanisms of target organ damage includes inflammatory responses and inflammation cell infiltration. Moreover, targeting mechanisms of inflammation, such as pro-inflammatory cytokines, effectively affect the clinical outcomes of heart diseases, supporting the entangled role of inflammation in cardiovascular events. In this context, the transcription factor NF- κ B is emerging as potential therapeutic target. In this field drugs-dependent cardiotoxicity is also included since Doxorubicin increases proinflammatory cytokines levels with a concomitant reduction of anti-inflammatory ones, that could be responsible for the later onset of heart remodeling that leads to doxorubicin-dependent cardiomyopathy.

This Special Issue is a call for publication for all researchers that have paved the area with their findings, but also an opportunity for cross fertilization of the scenario by engaging basic scientists and clinicians to confront their ideas and their views, for the progression of the field.

Guest Editors

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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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