



Regulation of Inflammatory Reactions in Health and Disease

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Message from the Guest Editor

With the COVID-19 pandemic still unraveling and affecting millions of individuals worldwide, the importance of understanding uncontrolled inflammatory reactions has become an urgent need.

Regardless of the cause, inflammation has evolved as an adaptive response for restoring homeostasis. However, inflammatory response is a double-edged sword, as excessive inflammation can itself exacerbate tissue damage. To limit the unfavorable consequences, many stimuli that trigger inflammatory response simultaneously trigger a program that actively resolves inflammation. Nonresolving inflammation is associated with adverse outcomes and in chronic conditions is regarded as a major driver of disease. Multiple mechanisms normally ensure resolution, involving genetic, transcriptional, post-transcriptional, and behavioral pathways.

In this context, we would like to invite review and original articles that focus on understanding all aspects of inflammatory processes in health and disease.





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Message from the Editor-in-Chief

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