

Special Issue

Emerging Roles of Epigenetic Regulators in Inflammatory Diseases

Message from the Guest Editors

Emerging evidence suggests that epigenetic events play a crucial role in the initiation and progression of inflammation by influencing various immune components. These epigenetic modifications can lead to the aberrant activation or suppression of genes in both immune and non-immune cells under inflammatory conditions, contributing to the development of inflammatory diseases such as atherosclerosis, autoimmune disorders, neurodegenerative diseases and cancer. Although it is well-established that immune responses can induce epigenetic changes during the genesis and progression of inflammatory diseases, the specific contribution of the immune component versus the stimulated host cell in driving these epigenetic modifications remains unclear. The aim of the Special Issue is to provide a comprehensive overview of the recent advancements and emerging research related to the involvement of epigenetic regulators in various inflammatory diseases and their potential as therapeutic targets:

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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