



The Interplay between Epigenetics and Inflammation in Chronic Diseases

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

We aim to explore the dynamic interplay between epigenetic mechanisms and chronic inflammatory processes. Chronic inflammation underlies a myriad of diseases, altering the epigenetic landscape across various conditions. We are seeking submissions of original research articles, reviews, and perspective pieces that delve into how epigenetic modifications such as DNA methylation, histone modification, and non-coding RNA expression contribute to the initiation, progression, and persistence of chronic inflammation. Contributions might also focus on the potential of epigenetic therapies to modulate inflammatory responses, offering new avenues for therapeutic intervention. By bringing together insights from diverse disciplines, this Special Issue seeks to deepen our understanding of the epigenetic foundations of inflammation and stimulate discussions on innovative strategies to manage inflammation across diseases. We invite researchers from molecular biology, immunology, pharmacology, and related fields to share their findings and viewpoints in this critical discourse.





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Editor-in-Chief

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Message from the Editor-in-Chief

In the past years the growth of the epigenetic field has been outstanding, from here the need of a journal where to centralize all new information on the subject. The term epigenetics is now broadly used to indicate changes in gene functions that do not depend on changes in the sequence of DNA. *Epigenomes* covers all areas of DNA modification from single cell level to multicellular organism as well as the epigenetics on human pathologies and behavior.

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