



Epigenetics of Non-transmissible Diseases

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Epigenetics, exploring the interface between environmental signals and the remodeling of chromatin structure, promises to shed light on disease pathogenesis, possibly contributing to the identification of novel therapeutic targets. In this Special Issue, we shall focus on the role of histone code and nonhistone proteins modification, epigenetic enzymes, and DNA methylation, whose function has been frequently associated, often with a controversial role, to the pathogenesis of chronic noncommunicable diseases. Although numerous studies demonstrate that epigenetic pathways are modulated in such pathophysiological conditions, this matter is still under heavy debate. This Special Issue is intended to contribute to the field with original research articles or reviews putting in the spotlight the relevance of epigenetics in chronic diseases, possibly providing indication about future innovative therapeutic approaches. Reports about cancer, cardiovascular, metabolic, muscular, neurodegenerative, bones, and respiratory diseases are welcomed.

Prof. Carlo Gaetanoà

Guest Editor





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Message from the Editor-in-Chief

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