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Genetic and Epigenetic Factors and Their Interactions in the Susceptibility to Multifactorial Diseases

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Message from the Guest Editor

Dear Colleagues,

Multifactorial disorders, with their heterogeneity in clinical phenotypes and their inter-individual variability in prognosis and treatment response, still represent a great challenge for medicine. The etiology of these disorders is triggered by the interaction among predisposing genetic factors, epigenetic factors and environmental factors. In recent years, epigenetics have also attracted the interest of researchers. Although epigenetic factors are now considered as important risk factors for the onset of multifactorial disorders, their investigation is still at an early stage. Looking ahead, the understanding of the role of epigenetic modifications in the pathogenesis of these diseases and their interaction with genetic factors could suggest novel targets for disease therapy and promote a more personalized medicine.

Therefore, the aim of this Special Issue will be to welcome original articles and reviews covering all aspects of genetics and epigenetics, and their potential interactions, involved both in the susceptibility to multifactorial disorders and in the modulation of their clinical phenotypes and complications.

Dr. Cinzia Ciccacci
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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