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Gene–Diet Interaction Analyses in Chronic Non-contagious Diseases

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Message from the Guest Editor

Dear Colleagues,

Diet plays a very important role in promoting human health, especially in cases of non-contagious diseases. Studies have shown that dietary bioactive compounds interact with molecular targets in transcriptome, proteomics, metabolomics and epigenomics studies. Moreover, the mechanisms of gene–diet interaction in the development and treatment of chronic non-contagious diseases have not yet been fully elucidated. The experimental, pre-clinical and clinical results of the gene–diet interaction can contribute to a better understanding of the mechanisms for the prevention and treatment of chronic diseases and to expand strategies for promoting health through healthy foods.

Dr. Lusânia Maria Greggi Antunes
Guest Editor



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