



## Relationship between Obesity-Related Genes, Metabolic Diseases and Dietary Nutrient Intake in Human

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### **Message from the Guest Editors**

Dear Colleagues,

The effects of genes on metabolic diseases and their relationship to nutrients can be studied at many levels, e.g., genetic variant analysis, genome modification studies unrelated to changes in the nucleotide sequence, autophagy and epigenetic research on proteins involved in biological processes. Understanding these correlations may influence some metabolic diseases, and the use of appropriate nutritional interventions may modulate the progression or even prevent the disease. Genetic variant analysis has shown that in some carriers with preferential intake of certain nutrients, may negatively affect other beneficial nutrients and make dietary intervention more difficult. Therefore, it is important to understand the mechanisms and interactions between genes, metabolic diseases and nutrients. This Special Issue aims to address this important topic. Researchers are invited to submit original research, protocol developments, methodological studies, narrative or systematic reviews and meta-analyses in relation to this topic.



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