



Nutrigenomics of Risk Factors for Disease 2.0

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Message from the Guest Editor

Dear Colleagues,

Over the past two decades, the focus of nutrition has shifted from traditional epidemiological approaches of investigating dietary effects on human health towards a better understanding of the main processes through which dietary components regulate biological functions. The completion of human genome project revealed significant individual and population differences in response to diets that now need to be seriously considered.

The new era of nutrigenomics became particularly important when applied to the global epidemics of predominantly diet related diseases. Through nutrigenomics, we appreciate better the dualistic role of diet, not only in the propagation but also in the prevention of debilitating diseases and the most influential factor in epigenetic adaptations during fetal development and ageing.

Another important aspect and primary goal of nutrigenomics is to develop personalized diets about how to optimally combine traditional and bioinformatic information during identifying responders and no responders.

This Special Issue will focus on the nutrigenomic role of diet in development and prevention of chronic diseases.<





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Message from the Editor-in-Chief

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