

Special Issue

Nutrigenomics of Risk Factors for Disease 2.0

Message from the Guest Editor

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.

Guest Editor

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Deadline for manuscript submissions

closed (17 November 2019)



International Journal of Molecular Sciences

an Open Access Journal
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Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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