



Nutrigenomics in Health and Diseases

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Deadline for manuscript
submissions:

closed (31 July 2021)

Message from the Guest Editors

Nutrigenomics is a new discipline attempting to understand the effects of food on multiple molecular levels, such as genomics and epigenomics. The purpose of this Special Issue is to provide an overview of the principles of nutrigenomics and the interrelationships of diet, genomics, and health outcomes, with a focus on chronic disease endpoints.

Topics of interest for this Special Issue include the following:

- “Molecular genetic basis” and the “links to disease” that look at nutrigenomics from the perspective of molecular mechanisms or the causes of metabolic diseases, respectively.
- The genome influences upon pharmacological and diet treatments.
- The impact of polymorphism in terms of personalized recommendations.
- The role played by the microbiome in personalized nutrition.
- Mitochondrial genetics and its relationship with disease risk.
- The role of both precision medicine and precision nutrition as a paradigm to develop targeted interventions.





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Editor-in-Chief

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Message from the Editor-in-Chief

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