



Research on Nutrigenetics and Nutrigenomics

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Message from the Guest Editors

Nutrigenomics has been called a “post-genome” field of research because it could only develop in a meaningful way after the completion of the sequencing of the human genome. Nutritional genomics, or nutrigenomics, attempts to study the genome-wide influences of nutrition and identify the genes that influence the risk of diet-related diseases on a genome-wide scale, and to understand the mechanisms that underlie these genetic predispositions. While traditional nutrition research concentrated on nutrient deficiencies and impairment of health, it nowadays focuses on improving health through diet.

As a new science, nutrigenomics brings along new terminology, novel experimental techniques, and a fundamentally new approach to nutrition research, such as high-throughput technologies that enable the global study of gene expression in a cell or organism.

The purpose of this Special Issue is to provide new insights on the use of nutrigenomics for improving health through diet.





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Message from the Editor-in-Chief

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