

# Special Issue

## Nutrient-Gene Interactions

### Message from the Guest Editor

The involvement of nutrition and the role of specific nutrients in health maintenance and disease prevention and treatment has been the subject of centuries of debate and research, even more now when obesity has reached epidemic proportions and obesity-associated diseases, such as cancer, non-alcoholic fatty liver disease (NAFLD), type 2 diabetes and cardiovascular disease, are cause of great concern for both physicians and healthcare systems. This Special Issue will focus on research aimed at determining interactions between nutrients and gene expression and exploring, at the functional and mechanistic levels, how nutrients affect gene expression and subsequent cell function and physiology, in the context of obesity and associated diseases. In a broad sense, research that entails understanding how the role of nutrients in health and metabolism are linked to biochemical events that lead to gene expression, and aimed at prevention or treatment of disease, or identification of individuals with particular needs, will be considered for publication.

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### Guest Editor

Prof. Dr. Giovanna Bermanno

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### Deadline for manuscript submissions

closed (31 May 2021)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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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### Editor-in-Chief

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