

Special Issue

Nutrition and Metabolism in Health and Disease: From Gene to Organism

Message from the Guest Editors

Food is any nutritious substance that people or animals eat or drink to maintain life and growth. It is known that nutrition has a predominant and recognizable role in health management. However, nutritional imbalance, inadequate nutrition, or default of feeding behavior can lead to metabolic disorders, leading to an alteration of the growth and even death. Contributions to this Special Issue will provide new insights into the impact of nutrition in all animal models deciphering nutrient-mediated signaling pathways in different cell types to organs, from the detection of nutrients through their absorption and elimination to their beneficial or detrimental role in organisms. Works that focus on studies of whole diets, nutrients (fatty acids, amino acids, carbohydrates, vitamins, etc.), or in the intake of food supplements with the aim to contribute to our knowledge about the impact of nutrition in healthy organisms, as well as nutritional or metabolic disorders or diseases are welcomed.

Guest Editors

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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.

Editor-in-Chief

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