

Special Issue

Diet and Immune Response

Message from the Guest Editor

During the past decades, it has become increasingly clear that diet influences our immune systems in various ways, both directly and indirectly. Both macronutrients (proteins, lipids and carbohydrates) and micronutrients (minerals and vitamins) may affect the strength of an immune reaction towards microbes or how efficiently an inflammation is resolved. Even though our understanding of how nutrients and food-related components interact with the immune system has grown dramatically, many questions regarding both mechanisms of action and the action of specific molecules (naturally occurring or formed as a result of food processing) are yet to be answered. Such knowledge is imperative for producing healthy and sustainable food in the future. This Special Issue aims to increase our knowledge and understanding of how nutrients or their derivatives interact with immune system cells and how this may impact immune responses induced by microorganisms or tissue damage.

Guest Editor

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Deadline for manuscript submissions

31 August 2025



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/183237

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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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