

Special Issue

Impacts of Micronutrients on Immune System and Inflammatory Diseases

Message from the Guest Editor

The hallmark of nutritional immunology as a discipline has been the recognition that almost any specific and sufficiently severe nutritional deficiency can interfere with immunological functions. Nutrition and immunology have a multi-level synergistic interaction that has been described as «Nutrition and the 4 "Is"» – infection, immunity, and inflammation. It encompasses the understanding that immune cells and other immune system components are impacted by micronutrients deficiencies, and that adequate nutrition not only sustains immune cells but also influences their metabolism. Emerging global issues such as stressors, cancer, overnutrition, and ageing are reshaping nutritional immunology research, thereby paving the way for innovative pathways that seek to improve nutrition, enhance immune function, and provide "better" healthcare. This Special Issue aims to present manuscripts that fall within the broad scope of nutritional immunology, from molecular to clinical aspects, and that contribute to strengthening this area of knowledge. We welcome submissions of original research articles, case reports, reviews and mini-reviews.

Guest Editor

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About the Journal

Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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