

Special Issue

The Role of Nutrition in the Prevention and Recovery from Infectious Diseases

Message from the Guest Editor

Nutrition plays an important role in providing key substrates for healthy immune responses. The concept paper, a multi-faceted description of how nutrients affect immunity, is best illustrated by examining nutritional deficiencies that serve to increase susceptibility to a wide variety of infectious diseases (HIV/AIDS, Covid-19). Each disease has its own unique pathophysiology, and depending upon which components of immunity are involved, will be related differently to nutrition.

The concept paper will examine key nutrients that are important to all immune responses and will, additionally describe, several acute and chronic infectious diseases and their nutrient deficiencies unique to each disease. We will explore nutrients related to innate immune responses as well as acquired immunity. The metabolic demands of infection can create nutritional deficiencies, even among individuals consuming a healthy diet. Finally, the paper will conclude with suggestions for foods and consumption patterns that can strengthen immune responses, prevent infection and improve disease recovery.

Guest Editor

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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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