

Special Issue

Vitamin D on Immune Function

Message from the Guest Editors

It is well documented that immune cells, including activated T and B lymphocytes, dendritic cells, monocytes, and macrophages, have a vitamin D receptor and have a variety of immunologic responses when exposed to the active form of vitamin D, 1,25-dihydroxyvitamin D. Thus, vitamin D is now recognized as an immunomodulator that can regulate cytokine, antibody, and cathelicidin production. Some evidence has suggested that vitamin D stabilizes endothelial membranes, thereby reducing inflammation. Clinical trials have suggested that high-dose vitamin D may have some immunologic benefits for autoimmune disorders, including multiple sclerosis. The goal of this Special Edition is to invite authors to submit either a review or new data supporting and/or demonstrating vitamin D's immunomodulatory activities in vitro or in vivo and clinical consequences.

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Deadline for manuscript submissions

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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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