

Special Issue

Vitamin D, Immune Response, and Autoimmune Diseases

Message from the Guest Editors

It is a great pleasure for me to invite you to contribute to this Special Issue concerning the extra-skeletal effects of vitamin D and, in particular, its relationship with the cells involved in the immune response and the risk of developing autoimmune diseases. The current COVID-19 pandemic has sparked renewed interest in the anti-inflammatory properties of vitamin D. Furthermore, the link between hypovitaminosis D and predisposition to autoimmune disease has been deeply investigated over the years, with particular interest in type I diabetes, multiple sclerosis and musculoskeletal/connective tissue diseases (rheumatoid arthritis, psoriatic arthritis, systemic sclerosis, systemic lupus erythematosus). A large plethora of immune cells, such as neutrophils, monocytes/macrophages, and T and B lymphocytes are characterized by the presence of vitamin D receptor (VDR) and synthesize the biologically active form of vitamin D, regulating inflammation and innate and adaptive immunity locally and systematically.

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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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