



nutrients



an Open Access Journal by MDPI

Vitamin D, Immune Response, and Autoimmune Diseases 2nd Edition

Guest Editors:

Prof. Dr. Maurizio Cutolo

Laboratory of Experimental
Rheumatology and Academic
Division of Clinical
Rheumatology, Department of
Internal Medicine and
Specialties, University of Genova,
16132 Genova, Italy

Emanuele Gotelli

Laboratory of Experimental
Rheumatology and Academic
Division of Clinical
Rheumatology, Department of
Internal Medicine and
Specialties, University of Genova,
16132 Genova, Italy

Deadline for manuscript
submissions:

25 October 2024

Message from the Guest Editors

The link between hypovitaminosis D and the risk of developing autoimmune diseases has been deeply investigated over the years, with particular interest in infectious and neurological conditions, as well as complex musculoskeletal/connective tissue diseases (rheumatoid arthritis, psoriatic arthritis, systemic sclerosis, systemic lupus erythematosus, etc.). 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 and synthesize the biologically active form of vitamin D, regulating inflammation and innate and adaptive immunity locally and systematically. The COVID-19 pandemic has sparked renewed interest in the anti-inflammatory properties of vitamin D.

On this basis, the current Special Issue aims to collect the most recent advance concerning immune system modulatory effects exerted by vitamin D, as well as their implications in clinical and therapeutical practice (original articles, reviews, human ex vivo and in vitro translational studies are welcome).



mdpi.com/si/179286

Special Issue



nutrients



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

1. Centro de Investigación
Biomédica en Red Fisiopatología
de la Obesidad y la Nutrición
(CIBEROBN), Institute of Health
Carlos III, 28029 Madrid, Spain
2. Research Institute of
Biomedical and Health Sciences
(IUIBS), University of Las Palmas
de Gran Canaria, 35001 Las
Palmas, Spain
3. Preventive Medicine Service,
Centro Hospitalario Universitario
Insular Materno Infantil (CHUIMI),
Canarian Health Service, 35016
Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional
Sciences, University of
Connecticut, Storrs, CT 06269,
USA

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (*Nutrition & Dietetics*) / CiteScore - Q1 (*Nutrition and Dietetics*)

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.

Contact Us

Nutrients Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/nutrients
nutrients@mdpi.com
[X@Nutrients_MDPI](https://twitter.com/Nutrients_MDPI)