



Vitamin D in Human Health and Disease

Guest Editor:

Dr. Thomas S. Lisse

Department of Biology, College of Arts and Sciences, Cox Science Center, University of Miami, Coral Gables, FL, USA

Deadline for manuscript submissions:

closed (30 September 2020)

Message from the Guest Editor

Dear Colleagues,

Vitamin D and its metabolites are well-studied steroid hormones that possess biological and physiology activities that extend far beyond the regulation of mineral homeostasis. Vitamin D deficiency or development of anomalies in metabolism and/or signaling can lead to an increased risk of developing debilitating conditions, not only towards one's own skeletal system, but to the cardiovascular, cutaneous, nervous, immune, and energy metabolism systems.

With the new genera of studies geared towards a better grasp of the basic and translational aspects of vitamin D, it is now a perfect time to put forth a Special Issue which focuses on vitamin D and human health and disease. Hence, the goal of this Special Issue is to provide a set of articles that bring to light the new opportunities, challenges, and prospects of vitamin D related to overall health.

Dr. Thomas S. Lisse
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)