

## Special Issue

# Vitamin D Receptor in Human Health and Disease

### Message from the Guest Editor

Vitamin D is a seco-steroid hormone that has long been known for its important role in regulating body levels of calcium and phosphorus and in mineralization of bone. In recent decades, a number of basic and clinical studies have pointed to the important role that vitamin D plays in various physiological and pathological processes throughout the body. For instance, vitamin D has been involved in the regulation of vascular smooth muscle cell proliferation and calcification, in the modulation of the renin–angiotensin system and in cardiovascular health. There are also some studies showing that 1,25(OH)2D3 affects several major endocrine processes, such as TRH/TSH action and pancreatic insulin secretion with subsequent regulation of glucose homeostasis, and likewise regulates key hepatic genes affecting lipid metabolism. Therefore, vitamin D can be considered an essential nutrient affecting many pathways of mammalian homeostasis. This Special Issue invites original research and review papers on the role of vitamin D in health and disease.

### Guest Editor

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### Deadline for manuscript submissions

closed (12 February 2023)



## Nutrients

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Impact Factor 5.0  
CiteScore 9.1  
Indexed in PubMed



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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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