Special Issue

Vitamin D and Its Derivatives in Pharmacology: Mechanisms and Therapeutic Applications

Message from the Guest Editor

The enormous progress made in understanding of the molecular actions of vitamin D in recent decadesincluding its genomic (VDR-dependent) and nongenomic interactions with numerous intracellular signaling proteins that regulate a wide range of biological processes in many tissues and cells-has revealed its broad spectrum of effects on the entire organism. At the same time, a growing number of reports indicate that vitamin D deficiency not only adversely affects the health of the musculoskeletal system but also constitutes a significant risk factor for various health outcomes, such as cardiovascular disease, inflammation, cancer, and disorders of the immune, nervous, respiratory and reproductive systems. These observations have attracted the attention of clinical researchers and health care professionals who are currently investigating vitamin D and its derivatives for their protective and therapeutic effects. The Special Issue aims to showcase outstanding review articles covering all aspects of vitamin D and its derivatives, including their discovery, testing, analysis, approval, delivery, manufacturing and clinical applications.

Guest Editor

Dr. Agnieszka Sliwinska

Department of Nucleic Acids Biochemistry, Medical University of Lodz, 251 Pomorska Str, 92-213 Lodz, Poland

Deadline for manuscript submissions

28 February 2026



Pharmaceuticals

an Open Access Journal by MDPI

Impact Factor 4.8
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/248250

Pharmaceuticals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pharmaceuticals@mdpi.com

mdpi.com/journal/ pharmaceuticals





Pharmaceuticals

an Open Access Journal by MDPI

Impact Factor 4.8 CiteScore 7.7 Indexed in PubMed



About the Journal

Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*. *Pharmaceuticals* is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us.

We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Cièncias, Universidade de Lisboa, Lisboa, Portugal

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, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)

