

Special Issue

The Role of Vitamin D in Cancer

Message from the Guest Editor

Vitamin D is a precursor of a potent steroid hormone, calcitriol, which is known to regulate phospho-calcic metabolism. Its receptor, VDR, is present in many cell types; consequently, vitamin D is now studied for a wide range of physiologic effects, such as muscle cell differentiation, immune cell modulation, and cancer cell proliferation. It was found that vitamin D may play a key role in the prevention and treatment of many extra-skeletal diseases, such as cancer. However, it remains unclear whether supplementation with vitamin D reduces the risk of cancer. If the anti-proliferative effects of vitamin D are often demonstrated in vitro, in vivo studies are more controversial and data from randomized trials are limited. This Special Issue will highlight the role of vitamin D in cancer in all its diversity (cancer cell proliferation, immune surveillance, cachexia, etc.), covering both fundamental and more (pre)clinical aspects.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

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