

Special Issue

Calcium Signaling Remodeling and Functional Role in Cancer Cells

Message from the Guest Editors

Calcium signaling plays a key role in a number of cell functions and has been implicated in the development and/or maintenance of several cancer hallmarks, including cell migration, proliferation, tumor metastasis and apoptosis resistance, as well as in the pathogenesis of tumor neovascularization and angiogenesis. Intriguingly, the expression of the different calcium handling proteins, including channels, sensors, pumps, etc, is differentially altered in distinct cancer types and their functional role in cancer cell biology is not consistent in all the cell types investigated. The analysis and revision of the expression and functional remodeling of the elements of the calcium signaling toolkit has provided essential information about the biology of the different cancer cells, which, no doubt, shall help to clarify the cellular mechanisms underlying the development of the different cancer hallmarks.

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About the Journal

Message from the Editor-in-Chief

Cancers (ISSN 2072-6694) is an international, online journal addressing both clinical and basic science issues related to cancer research. The journal will continue its 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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