



Calcium Signaling Remodeling and Functional Role in Cancer Cells

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Message from the Guest Editors

Dear Colleagues,

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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Message from the Editor-in-Chief

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