

## Special Issue

# The Emerging Role of Ion Channels in Cancer Treatment

### Message from the Guest Editor

A considerable amount of evidence has been demonstrated to date regarding the role of ion channels in all essential processes of carcinogenesis, including cell proliferation, apoptosis resistance, migration, invasion, angiogenesis, etc. In fact, ion signaling is strongly involved in the vast majority, if not in all, of the cell regulation processes, both normal and pathophysiological. Thus, targeting ion channels represents a prospective treatment, particularly when used in combination with the existing cell-toxic drugs. Recently, it has been demonstrated that ion channels may be involved in anti-cancer drug resistance, and thus their targeting would provide a benefit for patients, especially in the framework of precision therapy. The focus of this Special Issue is thus to consider ion channel regulation as well as downstream signaling in cancer treatment and drug resistance.

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### Guest Editor

Dr. Vyacheslav Lehen'kyi

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### Deadline for manuscript submissions

closed (31 January 2025)



## Cancers

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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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### Editor-in-Chief

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