

Special Issue

Ion Channels and Transporters: The New Targets for Cancer

Message from the Guest Editors

Mounting evidence gathered in recent decades has demonstrated that ion channels and transporters (ICT) are aberrantly expressed in several types of human cancers and are considered major players in different aspects of cancer cell behavior. Interestingly, although most of the best-characterized roles played by ICT rely on their channel/transporter activity, there is growing evidence of pathways that underlie the interaction of ICT with different partner proteins, extending interest in ICTs beyond the field of ion channels. Moreover, since they are located on the cell membrane, ICTs represent potential targets to be exploited for diagnostic and therapeutic purposes. In this Special Issue, both research and review articles focusing on ion channel relevance in human tumor are welcomed. Special emphasis should be directed to their potential use in the clinical setting as biomarkers and targets for therapy.

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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