

Special Issue

Targeting Sodium Channels and Pumps for Cancer Therapy

Message from the Guest Editor

With more than two decades of research history, it is evident that voltage-gated sodium channels (VGSCs) and the associated sodium-potassium ATPase pumps are involved in the growth, motility, invasiveness and metastasis of aggressive carcinomas. Thus, they are implicated as excellent biomarkers and targets for treatment of about two-thirds of cancers. Genetic and epigenetic changes have been implicated in the VGSC overexpression. Both the blockade of sodium pumps and activation of the SRC pathway have been implicated in the anti-cancer effects of glycoside drugs. This Special Issue of *Biomolecules* is dedicated to publishing the most recent thoughts and developments in cancer treatments that target the sodium handling system. Therefore, we encourage submissions of original research or review articles on novel treatments or results that may contribute to the development of cancer treatments.

Guest Editor

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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