



Targeting Tumor Niches for Cancer Chemoprevention and Treatment

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Message from the Guest Editors

Tumor niches are microanatomical compartments within the tumor microenvironment (TME) that regulate metabolic needs, immune surveillance, survival, tumor invasion, and cancer stem cell (CSC) maintenance. Although significant advances have been made in understanding the role of tumor niches and/or TME in tumor growth and metastasis, the application of cancer chemoprevention to control the tumor niches and/or TME during the early stages of carcinogenesis as well as targeted therapy response and prognosis have not received concerted attention.

Tumor niches and TME in general also contribute to tumor heterogeneity, lineage plasticity, and response to therapy. While most preventive and treatment efforts are directed at controlling cancer cell dysfunction, the contribution of the TME to malignant behaviors, treatment response, and metastasis is an area of active research.

This Special Issue aims to highlight the role of tumor niches and TME in cancer chemoprevention and therapy response, covering both basic and clinical aspects, including diet-induced chemoprevention, chemotherapy and radiation therapy response, and any related biomarkers in different types of cancers.





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Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in 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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