

Special Issue

The Shaping of Cancer by the Tumour Microenvironment and Its Relevance for Cancer Therapy

Message from the Guest Editor

The simplistic view of a tumour as the sole result of the uncontrolled proliferation of transformed cells has long been refuted. It is well established that cancer is not an independent entity, and that the tumour microenvironment plays a pivotal role in shaping the evolution of cancer cells and consequently the progression of the tumour. To survive and spread/metastasize, cancer cells need to adapt to the pressures imposed by their microenvironment. These include high oxidative stress conditions, reduced oxygen (hypoxia), immune system surveillance and exposure to chemo- and radio-therapy. It is crucial to understand the interplay between the cancer cells and the tumour microenvironment to develop efficient therapies against primary and, importantly, recurrent cancers that have evolved in response to treatment. We invite renowned researchers to contribute with original research articles as well as review articles that will improve our understanding of the molecular and cellular mechanisms by which cancer cells adapt to their microenvironment and the relevance of these findings to cancer therapy.

Guest Editor

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About the Journal

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.

Editor-in-Chief

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