Special Issue

New Insights into the Molecular Mechanism of Epithelial Plasticity in Cancer

Message from the Guest Editor

Epithelial cell plasticity is a reversible program that refers to the ability of epithelial cells to dynamically switch between different phenotypic cellular states. This program has been highlighted during the epithelial-to-mesenchymal transition (EMT) in tumour progression and metastasis. Tumour cells undergo EMT loose cell-cell and cell-extracellular matrix interactions, leading to cell migration and invasion. It has become evident that transcriptional, post-transcriptional, and post-translational events are critical regulators of the EMT. Moreover, in recent years, EMT has been associated to stemness and therapy resistance, critically representing one of the major challenges in oncology. Indeed, EMT has been proposed as a good therapeutic target for the designing of novel strategies against cancer. In this Special Issue, we focus on new molecular mechanisms implicated by the epithelial plasticity in cancer and novel therapeutic strategies against EMT to overcome drug resistance and metastasis.

Guest Editor

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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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