Special Issue

Cell Cycle and Cell Cycle Checkpoint Deregulations: From Oncogenic Drivers to Therapeutic Targets

Message from the Guest Editor

Cell cycle deregulation is a hallmark of cancer. Cell cycle core proteins are frequently mutated in human tumors. Moreover, cancer cells often have defective cell cycle checkpoints; thus, progression along the cycle is permitted also to cells bearing DNA damage or chromosome segregation errors. For this Special Issue we invite original research papers and reviews discussing update information about the normal cell cycle machinery and the mechanisms causing its oncogenic switch. Papers and reviews about the development of novel drugs directed against cell cycle targets are also welcomed. Finally, we encourage the submission of manuscripts focusing on how defects in cell cycle checkpoints, while apparently advantageous for cancer cell uncontrolled proliferation, can be exploited to directly promote cell death or to increase vulnerability to major currently used therapeutics. Looking forward to your contributions.

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2020)

Cancers

an Open Access Journal by MDPI

Impact Factor 4.4
CiteScore 8.8
Indexed in PubMed

mdpi.com/si/36315

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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.

Editor-in-Chief

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