



p53 Signaling in Cancers

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Message from the Guest Editor

Dear Colleagues,

This Special Issue is about the unique tumor suppressor p53. The exclusivity of this gene begins from its discovery—it was originally believed to be an oncogene, but genetic and functional data obtained ten years after its discovery showed it to be a powerful natural tumor suppressor. The most commonly-mutated gene in cancer, a major responder to stress conditions, and a potent regulator of transcription and a strong player in signaling to apoptosis, p53 became one of the most attractive molecular targets in cancer therapy; together with p53 animal models, p53 reactivating molecules, in turn, appeared to be a great tool to study p53 cellular functions. Recently-discovered p53 activities in metabolism, immunity, epigenetic regulation and non-apoptotic cell death evidently showed that we are still far away from a clear understanding of how p53 exerts its tumors suppressor functions. Here, we welcome papers outlining mechanisms of p53 control and p53 roles in cancer and normal tissues.

Dr. Issaeva Natalia
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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