



Role of Oxidative Stress in Cancer

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Message from the Guest Editor

During cancer progression, oxidative stress plays an important role in many biological functions such as cell survival, migration, proliferation and cell death. Our understanding of how oxidative stress affects cancer cells is becoming clearer—specifically, how various functions of reactive oxygen species (ROS) affect these biological functions. In addition, the role of the microenvironment in cancer also involves oxidative stress. This could involve cancer cells affecting their microenvironment through oxidative stress or noncancer cells affecting oxidative stress in cancer cells. Finally, oxidative stress has been targeted for cancer therapies and provides new strategies for avoiding drug resistance in cancer.

This Special Issue will accept high-quality original research and review articles in the area of oxidative stress and cancer. This will provide insights into how cancer cells regulate oxidative stress and how to apply this knowledge to cancer treatment.





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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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