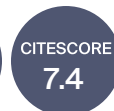




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Ubiquitin: What It Is and Its Role in Targeted Cancer Therapy

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Message from the Guest Editor

The ubiquitin proteasome system regulates the activity of many proteins in cells. Ubiquitin is added to proteins by a three step process sequentially involving ubiquitin-activating enzymes (E1), ubiquitin-conjugating enzymes (E2), and ubiquitin ligases (E3).

In this Special Issue, we are interested in original research and/or reviews on the role of the ubiquitin proteasome system in transformation, invasiveness, proliferation, and maintenance of various cancer cells. From a practical point of view, ubiquitin ligases and their adaptors provide a large number of therapeutic targets, most of which remain unidentified. The challenge is to identify them and to engineer small specific molecular inhibitors which alone, or in conjunction with chemotherapeutic agents, improve the outcome of cancers.



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Special Issue



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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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