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Targeting the Ubiquitin Pathway in Cancer

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Message from the Guest Editor

Dear Colleagues,

The ubiquitin–proteasome system (UPS) is a common mechanism by which cells renew their intracellular proteins and maintain protein homeostasis. Recently, abnormal regulation of UPS has been found to be involved in various diseases, including cancer. A series of enzymes known as E1s (ubiquitin-activating enzymes), E2s (ubiquitin-conjugating enzymes), various E3s (ubiquitin ligases), and deubiquitinating (DUB) enzymes in the UPS could serve as potential drug targets in cancers. In addition, chimeric small molecules which are designed to induce degradation of their target proteins via the UPS can be used for cancer therapy. In this Special Issue, we focus on abnormalities of the ubiquitin–proteasome system and their potential of therapeutic target in cancer.

Dr. Yasusei Kudo Guest Editor













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Message from the Editor-in-Chief

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