

Special Issue

The Roles of Deubiquitylating Enzymes (DUBs) in Cancer Inflammation

Message from the Guest Editor

Deubiquitylating enzymes (DUBs) play a pivotal role in cellular processes by cleaving ubiquitin from modified proteins. The ubiquitin system intricately regulates various cellular functions and has been implicated in numerous diseases, notably cancer. Recent insights highlight the significant involvement of DUBs in orchestrating key aspects of immune surveillance against tumors. Excitingly, the druggability of DUBs with small molecules positions them as promising therapeutic targets. This Special Issue invites authors to contribute studies that unveil novel roles of DUBs in cellular processes intertwined with cancer inflammation. Topics of interest include the impact of DUBs on antigen presentation machinery, cytokine production, the modulation of innate immunity, immune cell function, and the regulation of immune checkpoint inhibitors. By exploring these aspects, we aim to deepen our understanding of the dynamic interplay between DUBs and cancer-related immune responses, fostering the development of innovative therapeutic strategies.

Guest Editor

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