



Proteolytic Control of Deubiquitinating Enzymes in Health and Disease

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

For cellular homeostasis, the regulation of selective proteolysis is largely mediated by the posttranslational modification with the coordinated addition and removal of ubiquitin by the ubiquitin–proteasome system. By antagonizing ubiquitination, deubiquitinating enzymes (DUBs) regulate the stability or function of proteins, allowing regulation of protein turnover, diverse signaling pathways, and DNA damage response. Dysregulated DUBs are increasingly being identified as a causative in various human diseases, such as neurodegenerative disorder and cancer. Therefore, a better understanding of the molecular mechanisms will provide new insights into the development of more specific therapeutic approaches.

This Special Issue of the *International Journal of Molecular Sciences* will focus on the role of DUBs, including new insights into diseases, and articles submitted can either be original research works regarding DUBs or full reviews; however, we kindly encourage authors to provide short and highly focused reviews on specific and hot topics related to human disease.

Prof. Kwang-Hyun Baek
Guest Editor





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Message from the Editor-in-Chief

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