

Special Issue

The Ubiquitin Proteasome System (UPS) in Pathogenesis and Diseases

Message from the Guest Editors

Ubiquitin is a small protein that is conjugated on to other cellular proteins to signal most if not all biological processes. Emerging evidence has shown that impaired ubiquitin signaling and defects in UPS surveillance are implicated in many human diseases, including cancer.

Characterization of the physiological roles of UPS components and their regulatory mechanisms is vital for the identification of therapeutic targets and the development of tools and paradigms to better understand and treat human diseases. This Special Issue aims to provide insights on the multifaceted role the UPS plays in pathogenesis and diseases. Areas of interest include, but are not limited to, molecular and cellular mechanisms of UPS enzymes, biochemical and biophysical characterization, drug development, and targeted protein degradation.

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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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