

Special Issue

Novel Applications and Mechanism of Proteinase Inhibitors

Message from the Guest Editor

Balanced activities of proteinases and their inhibitors are critical in many biological processes to maintain a healthy condition. Overreactive proteinases are often involved in the pathogenesis of human diseases, including autoimmune, inflammatory and infectious diseases, as well as cancer. Therefore, targeting proteinase by synthetic or native proteinase inhibitors has therapeutic potential for the treatment of human diseases. In addition to the complexity of proteinase functions, the functions and applications of proteinase inhibitors remain elusive. Recent studies identified new proteinase inhibitors and revealed new mechanisms of proteinase inhibition. This Special Issue aims to publish recent findings that advance the therapeutic applications and the functional mechanism(s) of proteinase inhibitors.

Guest Editor

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Message from the Editorial Board

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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