



Novel Applications and Mechanism of Proteinase Inhibitors

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Message from the Guest Editor

Dear Colleagues,

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.

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