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Application of Plants Protease Inhibitors

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Message from the Guest Editors

Protease inhibitors are potential targets for research due to their capacity of controlling the innumerable functions of proteases. In particular, plant protease inhibitors (PPIs) are being investigated for the development of novel therapies for a diverse set of diseases, including cancer, neurodegenerative diseases, inflammatory and thrombotic processes, in addition to acting against microorganisms. The high protein content observed in plants motivates studies on the effects on different classes of living beings besides interfering in mammalian pathophysiological events, including studies in the human species, such as blood coagulation, platelet aggregation, inflammation, and cancer. Because of their great diversity of action, the structural properties of inhibitors that control protease activity are targeted as potential pharmacological products. This Special Issue of *Plants* will highlight the structure, function, evolution, and diversity of protease inhibitors in plants, and their role in the interactions of plants with other organisms.

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Special Issue



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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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