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Advances in the Biomedical Applications of Plants and Plant Extracts

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Message from the Guest Editors

Plants have been integral to healing practices since ancient times, and their significance persists in contemporary drug development and modern medicine. According to surveys conducted by the World Health Organization (WHO), a substantial 80% of the global population continues to rely on plants or plant-derived preparations. Within plants and plant extracts, a plethora of beneficial active ingredients exists, offering a wide array of biomedical applications owing to their structural and biological diversity. Remarkably, only a small fraction—roughly 10–15%—of these plant-based compounds have undergone comprehensive chemical examination. This implies a vast reservoir of untapped potential for the medical and pharmaceutical utilization of plants. Considering the significance of plants as an unparalleled resource for medicinal purposes, our Special Issue aims to disseminate research findings that focus on exploring and utilizing newly discovered therapeutically active substances within the scientific community.



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Special Issue



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Message from the Editor-in-Chief

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