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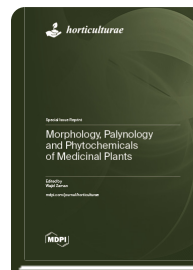
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Morphology, Palynology and Phytochemicals of Medicinal Plants

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Medicinal plants exhibit a high degree of variation based on morphological, palynological, and phytochemical characteristics, as well as their habitats, amongst other factors. These factors also influence the effects of medicinal plants on specific disorders. Human beings have used medicinal plants to treat ailments for several decades. However, the increase in disease incidence has raised the demand for novel therapeutics, which can be fulfilled using phytochemicals from plants. Current research advances reveal that herbal plants are a fundamental factor in the development of biomedicines. To ensure the safe use of medicinal plants and their products, detailed studies of medicinal plants are required. These characterizations could be based on determining structural or morphological variations among medicinal plants, environmental impacts on medicinal plants, phytochemicals isolation, bioactivities, the phylogenetic relationship among medicinal plants, interactions between phytochemicals, and in silico approaches of drug designing with phytoconstituents.



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