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Pharmaceuticals and Cosmeceuticals from Plants: Molecular Pharmacology and Toxicology

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Message from the Guest Editors

Plant-derived pharmaceuticals and cosmeceuticals are a potential source of new drugs for the treatment of several diseases and disorders. Numerous plant-derived therapies are used in various dosage forms, such as botanical extracts, natural products, as well as compound derivatives and analogs. Therapies from natural products can be used as adjuvants with conventional treatments, for increasing efficacy and potentially lowering systemic toxicity. Drug discovery from natural products and plants should encompass extensive research to determine safety and efficacy. The aim of this Special Issue is to summarize new insights into molecular pharmacology and toxicology, including recent studies and literature on the effect of plants and/or natural products on target molecules associated with various diseases/disorders, their toxicological profiles, their molecular modes of action, and potential drug-herb interaction with conventional treatments. The focus of this Special Issue is to collate recent developments and findings in the field of pharmaceutical and cosmeceutical drug development from botanical sources and to highlight new developments in these fields.



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Special Issue



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Message from the Editor-in-Chief

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