



Plant-Based Extracts and the Therapeutic Potential of Bioactive Compounds

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Message from the Guest Editor

The safety, efficacy, and quality of modern herbal medicinal products are determined by valuable plant extracts used in their production. This requires the quality of herbal substances to be consistent and the multi-stage process (which involves obtaining the maximum compliance of the chemical composition with that found in the plant material during the herbal preparation stage) to be standardized. Specific physicochemical high-quality tests are carried out on the final herbal extract, including the control of biologically active components or active chemical markers and the validation of developed analytical methods. Ultimately, this leads to valuable extracts that can be subjected to preclinical and clinical studies due to their therapeutic properties. The Special Issue showcases submissions that present a variety of preparative methods used to obtain liquid and solid herbal extracts and their phytochemical standardization procedure using validated analytical methods.





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