

Special Issue

Isolation, Characterization and Activity Evaluation by Bioactive Compounds from Plants

Message from the Guest Editor

The effects of bioactive plant extracts can result from the interaction of an array of chemically diverse components, which depend on identity and concentration. It is necessary to know the specific components responsible for these effects and the mechanisms of action by which they interact. This information, in turn, would allow better control of the most significant and reproducible activities of natural products from plants. A common approach to studying plant samples is bioactivity-guided fractionation, where, active extracts are screened for those containing bioactive compounds. This Special Issue will cover the isolation, characterization and activity evaluation aspects of compounds from plant extracts. In recent years, special interest has been paid to these secondary metabolites with phytotoxic properties, also called allelochemicals, as they seem to be a fruitful challenge to combine traditional agricultural practices and new approaches in pest and weed management strategies.

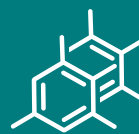
Guest Editor

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