

Special Issue

Natural Products in Crop Protection

Message from the Guest Editor

The tremendous increase in crop yields has been possible in part through the utilization of chemicals for pest control. However, with the growing population in the coming decades, and the continued emergence of resistance to commercial pesticides, there is a constant need to discover new lead compounds. Natural products (NPs) with rich biodiversity and ecofriendly attributes are being discovered and developed, as exemplified by the numerous NP-based crop protection compounds. Many NPs and their derivatives have been used as bactericides, fungicides, insecticides, herbicides, plant growth regulators, and elicitors of plant immunity. In the context of this Special Issue, we will focus on the isolation and characterization of known or new bioactive NPs, synthetic compounds inspired by NPs, semisynthetic chemicals derived from NPs, and the evaluation of their biological activities for potential applications in crop protection. Research articles, review articles, and short communications are invited.

Guest Editor

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