Special Issue

Natural Products Acting as Insecticides or Herbicides

Message from the Guest Editor

Natural products are chemical compounds or substances originating from living organisms. Secondary metabolites, both from plants and animals, play a pivotal role in biological and environmental interactions between organisms and ecosystesms. In recent years, there has been a major scientific breakthrough involving the exploration, characterization, and elucidation of the mechanisms of action of natural substances, in order to obtain new compounds with biological activity for use in agriculture. Moreover, growing concern about human and environment health had led to the development of natural methods for controlling agricultural pests. Because of non-phytotoxicity, sistemicity, easy biodegradability, and the stimulatory nature of the host's metabolism, plant secondary metabolites possess the potential to be used in pest management. This Special Issue aims to collect and disseminate some of the most significant and recent contributions in the interdisciplinary field of natural products acting as insecticides or herbicides.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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