



## Bioactive Formulations in Agri-Food-Pharma: Source and Applications

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### Message from the Guest Editors

Dear Colleagues,

Bioactive compounds comprise both essential and nonessential compounds and have been shown to have a beneficial effect on agri-food pharma-health. Biologically active compounds possess several biological activities and are produced alongside primary biosynthetic and metabolic routes for compounds associated with growth and development.

This Special Issue aims to compile the recent developments in the production of natural compounds from various bioresources, and their formulations as bioactives. This SI will also cover the potential industrial applications of new bioactive formulations through novel strategies aiming at the identification of novel compounds and bioprocess tools to improve the quantity and quality of such products. Increasing knowledge on the bioactive formulations on regulation at the genomic and molecular levels will lead to a re-consideration of health goals.

Keywords: anticancer; antioxidant; antimicrobial; biopharmaceuticals; biostimulants; bioactivity; chemical profiling; drug delivery; encapsulation; nanoemulsions; nanoparticles; nutraceuticals; value-added bioactives





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