

Special Issue

Advanced Research on Nanotechnology for New Plant Products: Phytomedicine, Phytocosmetics and Crop Protection

Message from the Guest Editors

We are pleased to invite you to contribute to our Special Issue. This Special Issue aims to highlight the most recent advances in the application of nanotechnology across the fields of phytonanotechnology, phytonanomedicine, phytonanocosmetics, and crop protection. Nanotechnology enables the encapsulation of natural products within nanocarriers, enhancing their stability, bioavailability, and therapeutic efficacy in the treatment of diseases. Moreover, the incorporation of natural bioactive compounds into nanosystems offers promising opportunities for the development of advanced phytonanocosmetic formulations. Finally, nanotechnology can also be applied to natural active ingredients, contributing to more efficient and sustainable strategies for crop protection. Areas of research may include the following: 1-Nanocarriers for the encapsulation of plant products; 2-Highlighting nanoparticles as nanocarriers for the encapsulation of plant-derived products; 3-Development of a phytonanocosmetic; 4-Development of a phytonanoformulation for crop protection; 5-Evaluation of the biocompatibility and safety of plant-derived products for clinical use.

Guest Editors

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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