

Special Issue

Nanotechnological or Innovative Formulation Approaches for Efficient Delivery of Plant Ingredients

Message from the Guest Editors

Natural products have seen an unprecedented increase in both research and commercialization during the last few decades. Secondary and primary metabolites from plants have been isolated and studied for their potential biological efficacy, leading to either new medicines or food supplements/nutraceuticals/herbal medicines. New extraction techniques mainly focusing on “green” extraction have been extensively applied, increasing yields and reducing the use of solvents and overall environmental impact. One aspect of extraction process enhancement is the use of encapsulation matrixes or nanoparticles, such as cyclodextrins, liposomes, micelles etc. Indeed, such approaches have been found useful in the increase of yields and the selective extraction of groups of molecules. The current Special Issue focuses on such approaches—new encapsulation techniques or new applications for metabolite extraction from plants, study of interaction between guest and host molecules, and bioactivity studies on such systems.

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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, 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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