



Plant Bio-Factories for the Production of High-Value Metabolites, Recombinant Proteins, and Other Biologics

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Message from the Guest Editor

Dear Colleague,

Over the past three decades, plants have been used for the production of economically valuable, biologically active non-native proteins or biopharmaceuticals. Many biopharmaceuticals, including vaccines, antibodies, diagnostic reagents, blood substitutes, industrial enzymes, and various metabolites, are produced in plants, some of which are in the preclinical and clinical pipeline.

This proposed Special Issue will comprehensively present the current research and highlight the feasibility of plant-based platforms for the production of metabolites, recombinant proteins, or other high-value biologics, with special emphasis on the most recent advances in the field, as well as on the challenges that remain for the future. The related subjects of modern plant biotechnology, including metabolic engineering, metabolite expression, and synthetic biology, will also be included in the Special Issue.

