



plants



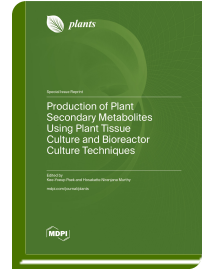
Special Issue Reprint

Production of Plant Secondary Metabolites Using Plant Tissue Culture and Bioreactor Culture Techniques

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The purpose of this reprint is to present current research on the use of plant tissue cultures to produce specialized metabolites or secondary metabolites in plants. Numerous review articles on the use of instrument engineering, data modeling, and metabolic regulation in the synthesis of industrially significant plant secondary metabolites are included in this Special Issue. Research has covered contemporary methodologies like elicitation and the use of different bioreactors for biomass and metabolite syntheses. The research article addresses the production of specific metabolites employing cells, adventitious roots, and shoot cultures. Experts in the field provide their perspectives on research findings and future directions in this reprint. For those working in the fields of plant biotechnology, food, pharmaceuticals, and nutraceutical science, as well as for those working in academics, industry, and policymaking and students, the review and research papers will be helpful.



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