Bioactive Microbial Metabolites
Scope and Challenges

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Bioactive Microbial Metabolites: Scope and Challenges explores how microorganisms utilize their metabolic capabilities to generate a broad spectrum of bioactive compounds. The microbial metabolites, derived from the biochemical processes of microorganisms, have emerged as pivotal assets with boundless potential to reshape the agriculture, food, and health sectors. Their impact has been transformative not only for therapeutics, but they also offer an array of eco-friendly, sustainable, and economically viable solutions to numerous industries.

The book curates a collection of chapters that spans the breadth of bioactive microbial metabolites. From compounds that hold promise in cancer therapy to those that enhance crop yields sustainably, this book encapsulates the diverse applications of these biomolecules.

The book proves highly valuable for both researchers and students dedicated to the field of applied microbiology and biotechnology. It stands as an essential reference text, not only for those aiming to delve into the intricacies of metabolic pathways in diverse microorganisms, but also for individuals keen on harnessing this knowledge to pioneer the development of innovative bioproducts.

Key features

- Provides an innovative viewpoint on the application of bioactive microbial compounds across various industries such as healthcare, food production, and agriculture.
- Explores the therapeutic, economical, and sustainable opportunities of bioactive microbial metabolites.
- Offers contributions from a diverse group of experts engaged in cutting-edge research on bioactive microbial metabolites.

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