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Fungal Metabolites: Powering Pharmacological and Agricultural Frontiers

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Message from the Guest Editors

This Special Issue aims to delve into the latest research and developments in the field of fungal metabolites, covering a broad spectrum of topics including but not limited to the following:

Pharmacological applications: Investigating the pharmacological properties of fungal metabolites, including their potential as antimicrobial agents, anticancer drugs, immunomodulators, neuroprotective agents, and beyond.

Agricultural innovations: Exploring the agricultural applications of fungal metabolites in enhancing crop productivity, disease management, and stress tolerance. Research focusing on the biocontrol potential of fungal secondary metabolites against plant pathogens, as well as their role in promoting plant growth and resilience through biopriming, will be highlighted.

Bioactive compound discovery: presenting novel findings in the discovery and characterization of bioactive compounds derived from fungi, including screening methodologies, isolation techniques, structural elucidation, and the synthesis of fungal metabolites with potential pharmaceutical or agricultural relevance.

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Message from the Editor-in-Chief

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