

Inaugural Issue of *PhytoNexus*



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It is with immense pleasure and pride that we present the inaugural issue of *PhytoNexus*, a new international peer-reviewed journal dedicated to advancing the frontiers of plant sciences and their interdisciplinary applications. At a time when the world is facing complex global challenges—

climate change, food insecurity, biodiversity loss, and the urgent need for sustainable health solutions—the role of plants as a foundation of life, culture, and innovation has never been more critical.

PhytoNexus was conceived as a scholarly platform where the many branches of plant science can converge. Our journal is not merely a repository of botanical knowledge; it is a dynamic space that fosters dialogue among natural product chemists, biotechnologists, pharmacologists, agronomists, ecologists, ethnobotanists, and nanotechnologists. We believe that the future of plant science lies in the fusion of tradition and technology, discovery and application, local wisdom and global science.

As we advance into an era defined by artificial intelligence and the metaverse, *PhytoNexus* envisions harnessing these groundbreaking technologies to enhance our understanding of natural products, accelerate the discovery of plant-derived bioactives, and promote immersive, cross-disciplinary collaboration within virtual research environments.

This first issue marks the beginning of what we hope will be a long and fruitful journey. It features original research and critical reviews spanning topics such as phytochemistry, herbal medicine, omics technologies, plant–environment interactions, and green chemistry. The inclusion of studies on the recovery of bioactive compounds, sustainable herbal formulations, and plant-based nanotechnology underscores our commitment not only to scientific excellence but also to societal relevance.

We extend our sincere gratitude to our editorial board members, reviewers, and contributors, whose dedication and expertise have made this launch possible. Their commitment to academic integrity and scientific innovation forms the bedrock of *PhytoNexus*. We also invite researchers, educators, and practitioners worldwide to join us in this endeavor—to explore, collaborate, and publish within this unique nexus of plant-based knowledge and discovery.

Let *PhytoNexus* be your scholarly home—where nature meets innovation.

With warm regards,

Editor-in-Chief

PhytoNexus

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