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Editorial Note

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Editor-in-Chief

African Journal of Pharmaceutical and Herbal Research (AJPHR)

It is with great pride and excitement that I welcome you to the **inaugural issue** of the *African Journal of Pharmaceutical and Herbal Research (AJPHR)*, a journal dedicated to showcasing high-quality research on African medicinal plants, pharmaceutical innovation, and bioactive natural products.

The *AJPHR* emerges as a platform to support rigorous scientific inquiry into traditional and modern therapeutic agents rooted in Africa's rich botanical and pharmacological heritage. This maiden issue represents not only a scholarly milestone but also a statement of commitment: to elevate African research voices, validate traditional healing systems, and contribute meaningfully to global pharmaceutical knowledge.

This debut issue presents five original research articles that focused on African medicinal flora, encompassing diverse themes such as neuroprotective effects, antioxidant profiling, toxicity evaluation, haematological assessments, and antimicrobial resistance reversal.

We begin with *Zapoteca portoricensis*, evaluated in a scopolamine-induced model of Alzheimer's disease. The study highlights the neuroprotective potential of its methanol root extract, showing cognitive-enhancing and antioxidant effects relevant to neurodegenerative disorders.

The second article explores *Bacopa floribunda*, comparing aqueous, methanol, and acetone extracts in their capacity to mitigate oxidative

damage and inhibit cholinergic enzymes. The acetone extract proved most effective, suggesting solvent selection is critical to therapeutic outcomes.

The third study assesses the toxicological safety of *Psydrax manensis*, demonstrating no acute toxicity but reporting haematological changes upon repeated dosing, findings that are essential for future dose optimization.

This is followed by an investigation into *Parkia biglobosa* fruit husk, widely used in traditional medicine. Though no acute toxicity was observed, the extract caused measurable changes in red and white blood cell indices, prompting further dose-dependent analysis.

The issue concludes with a timely study on *Nigella sativa* and its plasmid-curing potential against multidrug-resistant *Staphylococcus aureus*. By restoring antibiotic sensitivity through sub-inhibitory concentrations of the extract, this work highlights the promise of plant-based agents in combating plasmid-mediated resistance and contributes to the urgent global discourse on antimicrobial resistance.

Together, these contributions reflect the depth and relevance of natural product research emerging from the continent, emphasizing the importance of pharmacological validation in the pursuit of therapeutic innovation.

I would like to express my profound gratitude to the team at Adonis & Abbey Publishers for supporting the launch of this journal, particularly to Professor Jideofor Adibe, Mr. Isaac Onyekachi, and Mr. Chukwukamso Okoye for their enduring commitment to advancing African scholarship through African-led publishing channels. This journal would not exist without their vision and tireless efforts.

My appreciation also goes to the authors, reviewers, and editorial board members whose hard work and dedication have made this inaugural issue possible. As we move forward, I encourage continued collaboration and invite researchers across the continent and beyond to contribute to this important platform.

Welcome to *AJPHR*. Together, let us shape the future of pharmaceutical and herbal research from an African perspective.