

# Editorial: Embracing Innovation and Advancement in Pharmaceutical Sciences

Dear esteemed readers and contributors,

It gives me immense pleasure to present **Volume 57, Issue 3, Jul-Sep, 2023**, of the Indian Journal of Pharmaceutical Education and Research (IJPER). As Editor-in-chief, I am delighted to witness the continued growth and excellence of our journal, showcasing pioneering research in the field of pharmaceutical sciences.

This issue is a testament to the dedication and hard work of researchers, scholars, and practitioners who have contributed their invaluable insights and innovative discoveries. The diverse range of articles in this volume reflects the dynamic nature of pharmaceutical research and its vast potential in addressing healthcare challenges.

## Review Articles: Unraveling the Frontiers of Herbal Nanoparticles and Nanoemulgels

The issue commences with two comprehensive review articles that set the stage for exploring contemporary approaches in pharmaceutical sciences. "Herbal Nanoparticles: A Commitment Towards Contemporary Approach" authored by Pragyana Parimita Mansingh et al., emphasizes the growing importance of herbal nanoparticles in modern drug delivery systems. This review delves into the potential of herbal extracts and their encapsulation as nanoparticles, paving the way for new therapeutic modalities.

Continuing this trend, "Nanoemulgel: A Smarter Topical Lipidic Emulsion-based Nanocarrier" by Suraj Mandal et al., highlights the significance of nanoemulgels in delivering topical treatments effectively. The article provides valuable insights into the potential applications of these smart nanocarriers in the pharmaceutical industry.

## Original Articles: Unveiling Innovations in Drug Delivery Systems and Beyond

The original research articles in this issue are a testament to the dedication and expertise of our researchers. From exploring the extent of intra and inter-rater variability in OSCE assessments, as seen in "An Analysis of the Extent of Intra and Inter-rater

Variability in OSCE" by Swanand Shrikant Pathak et al., to developing self-micro emulsifying drug delivery systems (SMEDDS) for enhancing solubility, as demonstrated in "Enhancement of the Solubility of Lipophilic Drug by SMEDDS for Oral Administration" by Purushottam Gangane et al., the contributions reflect the cutting-edge research taking place in the field.

In addition, novel formulations such as "Luliconazole Loaded Niosomal Topical Gel" by Nirmal Shah et al. and "Nanoemulgel Formulation of Tetrahydrocurcumin with Efficient Anti-inflammatory Effect for the Treatment of Skin Disorders" by Kiran Sharma pave the way for advanced therapeutic interventions.

## Diversity and Depth in Pharmaceutical Research

The range of articles presented in this issue is indeed impressive. We witness research that spans from exploring the potential of nanoparticles for targeted drug delivery to the evaluation of natural products for their pharmacological activities. These contributions delve into neuroprotective effects, anti-cancer potential, antimicrobial activity, and much more.

## Quality Assurance and Analytical Techniques

We also find an emphasis on quality assurance and analytical techniques with articles like "Stability Indicating Reverse Phase-High-Performance Liquid Chromatography Method for Simultaneous Estimation of Cabotegravir and Rilpivirine" by Padmabhushana Chary Vemuluri et al. and "Marker Based Standardization of Quercetin in Marketed Capsules by Novel Zero Order Spectroscopic and Area Under Curve Spectroscopic Methods" by Revati R. Surve et al. These contributions underline the importance of robust analytical methods in the pharmaceutical industry.

## Promoting Ethnobotanical Studies and Traditional Medicine

As a journal dedicated to promoting holistic pharmaceutical research, we are proud to feature articles that explore traditional medicine and ethnobotanical studies. "Ethnobotanical Study of Medicinal Plants Used Traditionally for Managing Cuts and Wounds by the Rural People of Kailashpur, Assam, India" by Pal Gogoi et al. offers insights into the rich heritage of traditional medicine and its relevance in contemporary healthcare.



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### **Conclusion: A Continuing Journey of Excellence**

As we peruse the articles in this issue, we are reminded of the boundless potential that pharmaceutical sciences hold for advancing human health. Each research contribution is a building block in this journey of excellence, and we express our heartfelt gratitude to all the authors and reviewers who have contributed to this volume.

The Indian Journal of Pharmaceutical Education and Research is committed to providing a platform for cutting-edge research and fostering collaboration among researchers and practitioners in pharmaceutical sciences. We encourage all scholars and researchers to continue contributing their valuable work to our journal, driving the field forward and transforming healthcare worldwide.

Wishing you an enlightening reading experience.

**Sincerely,**

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