



Nanofibres—A Frontier in Materials Science with Vast Potential in Pharmaceutical and Biomedical Applications

Parul Nigam*

Assistant Professor, Faculty of Pharmaceutical Sciences, Rama University, India

***Corresponding Author:** Parul Nigam, Assistant Professor, Faculty of Pharmaceutical Sciences, Rama University, India.

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It is with immense pride and enthusiasm that I present to you the inaugural issue of Nanofibres— a frontier in materials science with vast potential in pharmaceutical and biomedical applications with a special thematic focus on Nanofibres—a frontier in materials science with vast potential in pharmaceutical and biomedical applications.

Nanofibres, owing to their ultra-fine structure and unique physicochemical properties, have emerged as a transformative technology in modern research. Their high surface area, tunable morphology, and ability to incorporate bioactive agents make them highly suitable for targeted drug delivery, wound healing, tissue engineering, and diagnostic platforms. In recent years, the adaptability of nanofibre fabrication methods—particularly electrospinning—has opened new avenues for innovation in both academic research and industrial development.

This special issue brings together a curated collection of original articles, critical reviews, and technical advancements that explore the synthesis, characterization, and application of nanofibres across pharmaceutical sciences. These contributions reflect the multidisciplinary nature of nanofibre research, encompassing polymer science, nanotechnology, pharmacology, and biomedical engineering.

The decision to dedicate our first issue to nanofibres stems from their rising prominence and the need for a focused platform that captures their ongoing evolution. ASPS aims to serve as a

global medium to share such high-impact research, fostering collaboration and innovation.

I would like to extend my sincere appreciation to all the researchers, peer reviewers, and editorial board members who have contributed to this special issue. Their efforts mark the beginning of what we hope will be a long-lasting journey of scientific excellence.

We welcome researchers, innovators, and professionals to be a part of this Journal, and we look forward to your continued support in shaping the future of pharmaceutical and scientific research.