

Special Issue

Hypromellose in Modern Pharmaceuticals: From Advanced Drug Delivery to Process Optimization and Quality Control

Message from the Guest Editor

Hypromellose (HPMC) is a versatile hydrophilic polymer widely utilized in the pharmaceutical industry for its unique properties that enhance the performance of various drug delivery systems, including as a film-forming agent, tablet binder, and controlled release matrix. It plays a pivotal role in the development of advanced drug delivery systems, process optimization, and quality control, ensuring the efficacy and safety of pharmaceutical products. This Special Issue is dedicated to exploring the multifaceted applications of Hypromellose in modern pharmaceuticals, encompassing innovative formulations, manufacturing processes, and analytical techniques. The scope of this Special Issue includes, but is not limited to:

- Advanced drug delivery systems utilizing Hypromellose for targeted and controlled release;
- Novel formulations and applications of Hypromellose in oral, transdermal, and other drug delivery routes;
- Process optimization strategies for Hypromellose-based pharmaceutical products;
- Quality control and analytical methods for ensuring the consistency and stability of Hypromellose formulations;
- Applications of Hypromellose in pharmaceutical manufacturing.

Guest Editor

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Editor-in-Chief

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