

Special Issue

Innovative Applications and Performance Optimization of Biodegradable Polymers in Drug Delivery

Message from the Guest Editor

This Special Issue aims to highlight the latest advancements in the design, characterization, and application of biodegradable polymers in drug delivery. We invite contributions that focus on novel polymer synthesis, intelligent formulation strategies, and performance optimization techniques that enhance therapeutic outcomes. Particular emphasis will be placed on studies exploring controlled release mechanisms, targeted delivery systems, polymer–drug interactions, and in vivo performance evaluation. Furthermore, the Special Issue welcomes interdisciplinary approaches that integrate polymer science, nanotechnology, pharmacokinetics, and biomedical engineering. Reviews that consolidate current knowledge or offer critical insights into regulatory challenges and future trends in the field are also encouraged. By bringing together innovative research and expert perspectives, this Special Issue seeks to foster a deeper understanding of how biodegradable polymers can be engineered for next-generation drug delivery platforms.

Guest Editor

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Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*. *Pharmaceuticals* is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us. We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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