



## Biodegradable and Bio-Absorbable Polymers

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Deadline for manuscript  
submissions:

**30 September 2024**



### Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to provide a comprehensive overview of recent developments, challenges, and future prospects in the design, synthesis, characterization, and applications of biodegradable and bioabsorbable polymers.

Key themes and highlights:

- Polymer Synthesis and Design:** novel synthetic/functionalization strategies and structure–property relationships for tailoring the properties of biodegradable and bioabsorbable polymers.
- Degradation Mechanisms and Kinetics:** the degradation mechanisms and kinetics of biodegradable polymers under various environmental conditions, shedding light on their stability, degradation rates, and byproducts.
- Biomedical Applications:** the utilization of biodegradable and bioabsorbable polymers in biomedical applications.
- Environmental Impacts and Sustainability:** examine the environmental implications of biodegradable polymers.
- Regulatory Considerations and Commercialization:** regulatory frameworks, standards, and guidelines governing the use of biodegradable polymers, as well as challenges and opportunities for their commercialization and industrial-scale production.



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## Editor-in-Chief

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## Message from the Editor-in-Chief

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I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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