

## Special Issue

# Degradable Polymers: Synthesis, Applications, and Environmental Impact

### Message from the Guest Editors

Degradable polymers play a crucial role in achieving carbon neutrality and reducing plastic pollution. This Special Issue explores the transformative potential of degradable polymers in addressing global sustainability challenges. We invite cutting-edge research and reviews spanning polymer synthesis (e.g., novel catalysts, green chemistry approaches), diverse applications (packaging, biomedical devices, agriculture), and degradation mechanisms (enzymatic, hydrolytic, microbial). Moreover, it aims to bridge scientific innovation with actionable strategies for sustainability. By fostering dialogue across chemistry, environmental science, and engineering, we aspire to chart a roadmap for degradable polymers as catalysts for a waste-free future.

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### Guest Editors

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## International Journal of Molecular Sciences

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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