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Starch-Based Composites

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Message from the Guest Editors

Research toward the development of biodegradable materials with improved properties and balance of functionality has grown dramatically during the last few years, and a lot of efforts are applied to reduce the gap between the properties of bioplastics and biocomposites and those of conventional materials. Different solutions, such as application of nanotechnologies and incorporation of active components into a matrix, broaden the possibilities to enhance the properties of bioplastics, while at the same time improving the cost–benefit balance.

In this context, different types of native and modified starches, blends with other biopolymers, as well as composites with (nano)fillers and (nano)fibers are being widely studied. Starch is present in a vast number of vegetal species, and hence with a very high availability, and materials synthetized with this polymer can ideally be not only biodegradable but also edible.

Therefore, the aim of this Special Issue is to share the newest original research works and reviews dedicated to starch-based composites and their present or near future applications.

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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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