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Food Packaging—Applications of Functional Films and Coating

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Message from the Guest Editors

Dear Colleagues,

It is widely known that the aim of food packaging is to maintain food quality and minimize the environmental impact of the packaging materials. As food contact materials, numerous biopolymers—including different carbohydrates, proteins, lipids, or their composite mixtures—are increasingly being proposed as alternatives to conventional petroleum-derived plastics. At the same time, recent advances in chemistry, technology, and biotechnology have helped find the solution to food safety and environmental concerns regarding food packaging materials. Novel coatings that are easy to regenerate and biodegrade can provide enhanced functions, such as antibacterial, antioxidant or biocatalytic functions, which have become the focus of research. This Special Issue focuses on the novel coatings which can be applied in various combinations to provide unique properties that ensure the safety and quality of specific packed food products, from processing, handling, and storage to final use by consumers.

Dr. Chunhong Liu
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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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