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Recent Trends in the Application of Sustainable Edible Coatings to Active Food Packaging

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Message from the Guest Editor

The production of fresh and minimally processed foods has increased exponentially because of the current increase in consumer demand for natural foods. However, each year, an estimated 1.3 billion tons—worth around \$1 trillion—ends up rotting in the bins of consumers and retailers, or spoiling due to poor transportation and harvesting practices. As a result, the food industry has been exploring innovative materials and technologies to improve fresh and minimally processed food products' market impact and reduce food waste. Edible coatings based on different natural materials, such as proteins, lipids, polysaccharides, or combinations of these, offer freshness, quality, and food safety, being an environmentally friendly technology.

For the present Special Issue, entitled "Recent Trends in the Application of Sustainable Edible Coatings to Food Packaging", we invite both original research and review articles related to the current state-of-the-art in edible active matrices with an emphasis on recent trends in reducing food wastes and novel processing technologies.



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Special Issue



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Message from the Editor-in-Chief

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