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Smart Nanomaterials for Sustainable Packaging and Preservation of Food Products

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Message from the Guest Editors

In recent years, the growing interest in the development of smart nanomaterials has driven significant advances in sustainable packaging and food preservation. These advancements are motivated by the need to mitigate the negative impacts of conventional plastic packaging and ensure greater food safety, while also reducing losses and waste. Innovative technologies are at the forefront of these solutions, offering new opportunities to transform the packaging industry and preserve food quality. We welcome both original research and review articles on topics including, the following:

- Development of Nanostructured Films for Sustainable Packaging
- Smart Nanofibers for Food Quality Monitoring
- Nanosensors and Their Applications in Active and Intelligent Packaging
- Technologies for Production and Scaling of Nanomaterials for Food Packaging
- Impact of Nanomaterials on Food Quality and Safety
- Future Trends and Perspectives in Food Packaging with Nanotechnology

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Message from the Editor-in-Chief

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