



Smart and Nanostructured Bioactive Food Packaging Systems II

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Deadline for manuscript
submissions:

closed (30 September 2023)

Message from the Guest Editors

Food products are highly susceptible to microbial contamination that may affect their quality attributes and reduce their nutritional value. Over the past two decades, nanotechnology has been investigated as a promising strategy to enhance the performance of bio-based films and coatings in preserving food quality through the development of nanocomposite materials, as well as nanoencapsulated and multilayered/nanolaminate delivery systems. Along with nanostructured packaging systems, smart/intelligent packaging materials can serve as efficient and cost-effective means to monitor environmental conditions in the food supply chain through their ability to communicate information related to storage conditions and the quality of the stored food using sensors/nanosensors located in food packaging systems.

This Special Issue focuses on the latest progress in the development of smart packaging systems and nanostructured materials incorporating bioactive compounds and their application for preserving food quality. You are invited to submit your latest research in the form of original full articles, communications, or reviews on this topic.





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