



Micro- and Nano-Scale Polymer Composites for Food Applications

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Message from the Guest Editors

The food industry is a broad area with multiple applications. Utilization of macro and/or nanoscale food-grade materials to functionalize a food product is a common practice. These types of materials can be used in a food package or edible packages for antimicrobials but their use is not limited to these applications. Advanced composites are also used to protect a specific biomolecule or living cells (enzymes, probiotics) inside the food and targeted delivery. All food types and beverages are suitable matrixes for these polymer composites that are designed to fulfill several characteristics as carriers, target/multistage delivery, foam formation, conjugates of biomolecules, gelling system and colloids formation, and so on. Food matrixes structures and their functional properties can be modulated using advanced food-grade polymer composites. All these potential food applications of polymers will be covered in this Special Issue, which welcomes the submission of both reviews and original research articles in this area.

Deadline for manuscript
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