



Polymeric Materials for Food Engineering

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Message from the Guest Editor

Food polymers are classified into three main categories, namely, plant-based polymers (starch, dietary fibre, and cereal protein), animal-based polymers (mainly proteins), and microorganism-based polymers used in food systems. Regarding the food engineering field, intelligent packaging is one of the most debated applications of polymer materials, considering their possible formulation to better preserve food quality by prolonging the shelf-life. Also, they may serve as an aid in food processing and improve food characteristics like attractiveness, with an important role in food structure and food functional properties.

The Special Issue aims to increase the knowledge in the area of polymer materials in food engineering and their applications, and to provide a forum for research articles and reviews on current advances in the development of food engineering polymers, including their design, processing, characterization and nano-/micro-structures; the relationship between the structures and functionality; new technologies related to food packaging and characterization; and prospective applications.





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Message from the Editor-in-Chief

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