



Development and Characterization of Edible Films

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Deadline for manuscript
submissions:
closed (25 July 2023)

Message from the Guest Editors

Dear Colleagues,

Edible films are considered smart packaging materials with a variety of applications in the food industry. These green packaging materials with immense antimicrobial and antioxidant potential are being developed to enhance food safety and preservation. Recent trends in the food packaging industry clearly represent the importance of macromolecules-based edible films in terms of their safety, biodegradability, edibility, functionality, as well as antimicrobial and antioxidant properties.

Moreover, structural changes such as multilayers and surface functionalization have also been studied to tailor suitable composite films with improved properties. To impart antimicrobial and antioxidant properties and to improve the shelf life of packed food, it is important to incorporate safe and effective loading materials such as essential oils, plant extracts, etc. and study their effect on film behavior. Thus, the optimization of raw material and process conditions used for edible films needs more attention.

The purpose of this Special Issue is to attract papers based on recent developments in the field of edible films.





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Message from the Editor-in-Chief

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