

## Edible Films and Coatings with Tailored Features for Improvement of Food Quality

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submissions:  
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### Message from the Guest Editors

Dear Colleagues,

Food packaging has evolved from an inert and polluting waste that remains after using the product toward an active item that can be consumed along with the food it contains. Edible films and coatings represent a healthy alternative to classic food packaging. There are tremendous opportunities to prepare films and coatings from different animal and vegetal sources. The main purpose is to obtain edible layers that have the ability to encompass different active substances which bring them considerable antioxidant and antimicrobial activity.

The scope of this Special Issue will serve as a forum for papers in the following paradigms:

Theoretical and experimental aspects in edible films coating preparation and characterization;

The newest findings in multifunctional edible coatings and films;

Evaluation and optimization of edible films' and coatings' protective properties after application on food products;

Nanomaterials used to improve edible layers;

Use of response surface methodology for edible layer optimization.



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## Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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