



Renewable Resources in Films and Coatings Technologies: Part I: Polysaccharides – Gums and Starch

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Message from the Guest Editors

It is our pleasure to invite you to submit a manuscript to this Special Issue. In particular, the topics of interest include but are not limited to the following:

- Polysaccharide gum-based edible film and coating applications;
- Starch-based edible film and coating applications;
- Coating and delivery of flavor, active ingredients, food additives, and antimicrobials using edible films and coatings;
- Applied systems to produce optimal edible films and coatings;
- Coating non-fluidizable particles such as tablets, capsules, etc.;
- Coating of whole foods (e.g., fruits);
- Increasing particles' functionality to mask odors or tastes or to release specific active substances;
- Microcapsules (also called coatings) and microbeadlets consisting of an outer shell (the coating material) that encloses a core.





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Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies 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 in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

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