

Special Issue

Biopolymer Coatings for Food Packaging Applications

Message from the Guest Editors

The development of biopolymer coatings for food packaging applications has been a topic of high interest in recent years due to increasing demand for more environmentally friendly packaging based on natural materials that are recyclable, biodegradable, and/or compostable. In the context of emerging global concerns regarding synthetic plastic packaging, biopolymer coatings represent a promising preservation technology that allows extending the shelf life of food products. This Special Issue of *Coatings* is dedicated to collecting recent advances in biopolymer coatings for food packaging applications. It is with great pleasure that I invite you to submit a manuscript; full papers, reviews, and communications are all welcome. Areas of interest include but are not limited to:

- Innovative biopolymer coating formulations;
- Development and characterization of biopolymer solutions and coatings;
- Active biopolymer coating;
- Nanoemulsion to improve biopolymer coatings performance;
- Biopolymer coating application in the food industry and food packaging, for different food categories.

Guest Editors

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About the Journal

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.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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