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Biopolymers as Food Packaging Materials

Guest Editors:

Prof. Dr. Raffaele Porta

Department of Chemical Sciences, University of Naples "Federico II", 80126 Naples, Italy

Prof. Dr. Prospero Di Pierro

Department of Chemical Sciences, University of Naples "Federico II", 80126 Naples, Italy

Dr. Mohammed Sabbah

Department of Nutrition and Food Technology, An-Najah National University, P.O. Box 7 Nablus, Palestine

Deadline for manuscript submissions:

closed (28 February 2020)

Message from the Guest Editors

We invite investigators to contribute original research articles as well as review articles that will stimulate the continuing efforts to produce biodegradable/edible materials able to coat and preserve specific food products. We are particularly interested in articles describing new modalities to obtain new biomaterials from renewable biomass sources; preparation of new coatings and wrappings endowed with properties tailored for specific foods; development of new processes and strategies to improve food packaging and shelf life; as well as new insights and challenges in food packaging research, application, and commercialization. Potential topics include, but are not limited to:

- 1. Developments in polysaccharide-, protein-, and lipid-based biomaterials;
- Recent advances in structure and characterization of new polysaccharide- and protein-based, as well as composite, biomaterials;
- 3. Latest technologies for recycling industrial biopolymer by-products into food coatings;
- 4. Development of specific biodegradable/edible coatings or wrappings;
- 5. Current marketing aspects of biopolymers as food packaging materials.



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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

Message from the Editor-in-Chief

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