



Nanocellulose-Based Materials for Active Food Packaging

Guest Editors:

Dr. Carla Vilela

CICECO—Aveiro Institute of
Materials, Department of
Chemistry, University of Aveiro,
3810-193 Aveiro, Portugal

Prof. Dr. Carmen S. R. Freire

CICECO—Aveiro Institute of
Materials, Department of
Chemistry, University of Aveiro,
3810-193 Aveiro, Portugal

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Message from the Guest Editors

Dear Colleagues,

The need to reduce food spoilage, waste and recalls, as well as foodborne illness outbreaks, has spotlighted the active packaging technology as a way to enhance the safety, quality and shelf-life of the packaged foods. The use of the nanometric forms of cellulose, *i.e.* bacterial cellulose, cellulose nanocrystals and cellulose nanofibers, in numerous food-packaging applications is an active field of research. In fact, the synergetic partnership between nanocellulose (with an eco-friendly connotation and singular properties) and active additives can originate multifunctional nanomaterials as packaging tools with customizable properties.

This Special issue will gather the current and future advancements in the field of nanocellulose-based materials for active food packaging with focus on nanomaterials with antimicrobial and antioxidant agents, oxygen and ethylene scavengers, and carbon dioxide emitters to improve the shelf-life, safety and quality of food.





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Editor-in-Chief

Prof. Dr. Shirley Chiang

Department of Physics, University
of California Davis, One Shields
Avenue, Davis, CA 95616-5270,
USA

Message from the Editor-in-Chief

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Nanomaterials Editorial Office
MDPI, St. Alban-Anlage 66
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