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Environmental Sustainable Films with Antioxidant and Antimicrobial Action for Active Food Packaging

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Deadline for manuscript submissions:
closed (15 June 2024)

Message from the Guest Editors

Packaging films with antioxidant or antimicrobial action represent a large field of research in the frame of active food packaging. Several approaches have been adopted to incorporate plant-origin bioactive compounds into films that, in particular conditions, can exert an antimicrobial effect. However, in the frame of the circular economy, a new trend in the employment of active compounds obtained from agricultural by-products and/or food wastes is a step forward in the field of active and environmental sustainable food packaging.

This Special Issue aims to include original research articles, high-quality review articles, and short communications, especially regarding the use of antioxidants and antimicrobials obtained from agricultural by-products aor food wastes in active food packaging.

Comprehensive works regarding new trends in edible films, nanostructured bio-coatings, antioxidant and antimicrobial films from agri-food wastes and their preservative action on real food matrixes are highly encouraged.

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Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of "oxidative stress" a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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