

Special Issue

Advanced Materials, Technologies, and Innovations in Food Packaging towards Sustainability

Message from the Guest Editors

Packaging is a key technology for the conservation of food products. Each food requires a proper packaging with specific physical properties depending on its characteristics and deterioration processes. Over the last two decades, the most used packaging material has been plastic thanks to its numerous benefits. However, the inadequate management of plastic residues is causing serious environmental pollution and the loss of valuable resources. Meeting sustainability and designing innovative food packaging systems that extend food shelf life are two of the main challenges currently facing the value chain of the food packaging sector, and innovative research around them are open for submission to this Special Issue. The subject coverage of the Special Issue will be very broad, and will be related to innovative materials, technologies and/or processes in food packaging towards a circular economy. We invite researchers and scientists from the international research community to submit their unpublished original research articles, short communications, letters, and reviews that cover these topics; we are open to proposing new topics related to sustainability and circular economy.

Guest Editors

Dr. Carol López-de-Dicastillo

Dr. Eliezer Velásquez

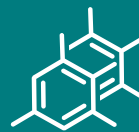
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Deadline for manuscript submissions

closed (31 March 2025)



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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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