

Special Issue

Nanomaterials for Food Science and Technology

Message from the Guest Editors

This Special Issue is aimed at presenting the current state-of-the-art in the use of nanomaterials in the whole food chain, including food conception, processing and packaging. This Issue will include several topics concerning nanomaterials added to food products or intended to be in contact with food to improve food production, nutrition, quality, preservation and safety. Topics concerning the potential toxicity of nanomaterials upon contact to food matrices as well as the bioaccessibility and bioavailability of nanomaterials when incorporated in or released from food products during gastrointestinal digestion are also very welcome. The main goal of this Special Issue is to showcase ground-breaking applications on the applicability of nanomaterials in the food industry (food and beverages products) and food packaging (packaging intended to be in contact with food) and their possible implications for consumer safety and health. Up-to-date original research and reviews on these topics are welcome, and we look forward to receiving your interesting work.

Guest Editors

Dr. Oscar Ramos
Dr. Alessandra Braga Ribeiro
Dr. Carla F. Pereira

Deadline for manuscript submissions

closed (31 October 2024)



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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano–alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

Editor-in-Chief

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