Special Issue

Advances in Food Nanotechnology

Message from the Guest Editors

We kindly invite you to submit your contribution to the Special Issue entitled “Advances in Food Nanotechnology”. The main goal of this issue is to showcase ground-breaking applications on the applicability of nanomaterials in food industry (food and beverages products) and food packaging (packaging intended to be in contact to 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. **Potential topics include, but are not limited to:**

- Eco-efficiency low impact processes and materials (environmentally friendly, environmentally sustainable, waste-based, and bio-based)
- Novel processing technologies/fabrication methods of nanomaterials
- Innovative nano-hybrid materials
- Physical-chemical and structural characterization of nanostructured materials
- Engineering nanomaterials
- Shortcomings and undesired effects of nanomaterials upon food matrices
- Toxicological risks and shelf life studies
- Up-Scaling fabrication challenges

Guest Editors

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Prof. Dr. Manuela Pintado

Dr. Alessandra Braga Ribeiro

Dr. Carla F. Pereira

Deadline for manuscript submissions

closed (6 June 2021)

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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.

Editor-in-Chief

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