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Nano-, Submicro- and Micro-Encapsulation of Bioactive Compounds with Applications in Food and Agriculture

Guest Editors:

Dr. Pedro J. Garcia-Moreno
Department of Chemical Engineering, University of Granada, 18071 Granada, Spain

Prof. Dr. Emilia M. Guadix
Department of Chemical Engineering, University of Granada, 18071 Granada, Spain

Deadline for manuscript submissions:
closed (31 January 2024)

Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on the nano-, submicro- and microencapsulation of bioactive compounds with applications in food and agriculture. In particular, it will cover research topics dealing with encapsulation techniques such as electrospraying, electrospinning, nanoemulsions, nanoliposomes, spray-drying, spray-chilling, and coacervation. We welcome reviews and research studies on novel aspects of formulation engineering, processing-variable optimization, the comparison of nano- and microencapsulation techniques, and advanced methods for the physical and chemical characterization of encapsulates, as well as works investigating the release of core ingredients and the application of encapsulates.

Assoc. Prof. Pedro J. García-Moreno

Prof. Emilia M. Guadix

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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

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.

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Contact Us

Nanomaterials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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