Special Issue

Nanoencapsulation and Nanocoating of Bioactives of Application Interest in Food, Nutraceuticals and Pharma

Message from the Guest Editors

Nanoencapsulation and Nanocoating are emerging technologies, and this Issue focuses on their application to the protection, processing, masking, controlled release, phase morphology control, increased solubility and enhanced bioavailability of bioactive ingredients of application interest in food, nutraceuticals and pharma sectors. This Special Issue aims to present the latest research activities carried out in these developing fields that span from the nanostructuring of active pharmaceutical ingredients (APIs) to the protection and controlled release of antioxidants, probiotics, minerals, peptides and oils. Processing technologies that allow nanoencapsulation and nanocoating for these purposes, make use of (among others) electrospraying, deep eutectic solvents, electrospinning, solution blow spinning, coacervation, supercritical fluid encapsulation, inclusion complexes and nanoliposomes... For further reading, please follow the link to the Special Issue website at: https://www.mdpi.com/si/69252.

Guest Editors

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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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