Special Issue

Nanonutraceuticals Delivery

Message from the Guest Editors

Among the many nanotechnology applications, there is the production of nanoscale materials for the food industry by the characterization, fabrication, and manipulation of structures, devices or materials having at least one dimension not exceeding 100 nm. The science of nanosized food ingredients has made great progress in the last few years, with products that increase the functionality or bioavailability of nutrients, thereby minimizing their concentrations needed in the marketed foods. Nevertheless, the production of nanodelivered nutraceuticals is still in its infancy. In addition to their actual function of providing nutrition, some obtained in vitro outcomes show these pharmaceutical-grade and standardized nanonutrients have health benefits by preventing the occurrence of cancers and several cardiovascular and neurodegenerative disorders. However, their safe nanomaterials-based delivery without exhibiting any side effects for humans is a matter of discussion in the scientific community. For further reading, please follow the link to the Special Issue website at: https://www.mdpi.com/si/33973

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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.

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