

## Special Issue

# A Promising Approach: Nanotechnology

### Message from the Guest Editors

Nanotechnology is a field of science that enables atoms to arrange themselves into the required pattern to create materials that are more enduring, lighter, and less dangerous. The unique characteristics of nanomaterials are the greater surface-to-volume ratio and their quantum size effect. In this respect, nanoparticles, nanofiber, nanoemulsion, nanoencapsulation, nanoliposomes, nanowhiskers, and so on can be implemented into food systems. They should be integrated with gastronomical applications as coating materials and into different types of kitchen equipment, such as pan production, and sustainable kitchen applications using nanoscience can also be provided. Moreover, through nanotechnology, it is possible to identify harmful chemicals, monitor production processes, and delay the deterioration of food and agricultural products, thus reducing waste production. This Special Issue aims to bring to light the latest advances and impacts of nanotechnology as a promising approach in different scientific areas from food science to kitchen applications and how to enhance their effects.

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### Guest Editors

Dr. Zafer Ceylan  
Dr. Raciye Meral  
Prof. Dr. Y. Birol Saygi

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### Deadline for manuscript submissions

closed (31 October 2023)



## Sustainability

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## Editor-in-Chief

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