

## Special Issue

# Food Processing and Preservation Technologies: Advances and Applications

### Message from the Guest Editor

In recent years, the demand for specialty products based on new ingredients, functional foods, alternative protein sources, gut health, and bioactive formulations increases continuously. The production of these products requires the application of advanced and innovative processes and technologies. This Special Issue is focused on the advances and applications of various processes used in the food industry and in preservation technologies. Therefore, this Special Issue will search original scientific developments and new perspectives in the following areas: (i) applications of various processes and preservation technologies in food production, (ii), novel and non-traditional methods for the transformation of food products, (iii) innovation for the production of functional foods and their storage, (iv) new methods and knowledge for shelf life extension, food safety, and the valorization of food processing by-products as well as energy efficiency. These topics are indicative and research is not strictly limited to them.

### Guest Editor

Dr. Nikolay D. Menkov

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### Deadline for manuscript submissions

closed (30 September 2024)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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