# Special Issue

# Nutrient and Metabolite Profiling in Food Science

## Message from the Guest Editor

In this Special Issue, we will be addressing the area of nutrient and metabolic profiling in food science and technology. Metabolomics has been used in the evaluation of several food safety, food quality, authenticity, and traceability issues. It can be also used to define hundreds of compounds in foods, identify food byproducts in human biofluids or tissues, characterise nutrient deficits or excesses, follow biochemical reactions to dietary treatments, and track long-term or short-term eating habits. Hence, this research area is very significant. This Special Issue aims to study both qualitative and quantitative analytical methodologies used to examine food metabolites holistically in connection to medicinal and nutritive variables. A particular emphasis will be given to the analytical breakthroughs that can be used to boost food metabolome coverage, as well as improve detection or extraction methodologies. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the application of metabolomics in food systems, such as food resources, food processing, and the human diet.

## Guest Editor

Prof. Dr. Theodoros Varzakas
Department of Food Science and Technology, University of Peloponnese, 24100 Antikalamos, Greece

## Deadline for manuscript submissions

closed (20 December 2024)

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*Applied Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/applsci

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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.

## Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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