

## Special Issue

# Modeling of Food Systems and Design of Experiments

### Message from the Guest Editor

Design and analysis of experiments (DOE) is a powerful tool for the development of mathematical models of processes, enabling process understanding and improvement. The availability of dedicated and easy-to-use statistical software packages has advanced the adoption of DOE in several fields and encouraged the application of novel designs and methods. The aim of this Special Issue of *Foods* is to gather studies on the application of DOE methods in the production, preservation, quality control, and development of food products. Original research and review articles on the application to the food field of novel designs, analysis methods, and experimental approaches are particularly welcomed. Topics include but are not limited to factorial, fractional factorial and response surface designs, mixture designs, and computer-generated designs (optimal designs).

### Guest Editor

Dr. Marcello Fidaleo

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### Deadline for manuscript submissions

closed (20 May 2024)



## Foods

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## About the Journal

### Message from the Editor-in-Chief

*Foods* (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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### Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).