

## Special Issue

# Experimental Designs for Mixture in the Food Sector

### Message from the Guest Editors

Quite often along the food chain—from production to distribution, from raw materials to final products—operators have to face with mixtures. Mixtures are systems composed of two or more ingredients whose sum have to be 100%. This is true when dealing with the formulation of a specific food product; when dealing with the composition of a liquid medium for food storage; when dealing with atmosphere composition in modified atmosphere packaging; and in many other situations. In all of these cases, mixtures could be optimized in order to reach the optimal results. To do so, mixture could be studied in an objective, rational and useful way by means of the experimental design for mixture, a subclass of the more general Design of Experiments approach. Unfortunately, mixture designs are not well known and often badly used. Thus, the scope of this Special Issue is to collect original articles, tutorials and review articles which could extend the knowledge and the application of mixture design along the food sector.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 April 2021)



## Foods

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### 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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