

Special Issue

Foodomics Fifteen Years On From. Where Are We Now, What's Next

Message from the Guest Editors

Do we need FoodOmics to correctly classify foods based on their composition and structure? Do we need FoodOmics to effectively find robust biomarkers? Food technologists point out that rheological properties are very different between animal and plant ingredients (e.g., proteins and fats). In short, alternative sources could become alternative nutrients, provided that more information is collected on their nutritional and technological properties. The methodological approach of FoodOmics can certainly shed light on these aspects. The structure of a food source is complicated to measure and quantitatively correlate with the digestibility, bioaccessibility and bioavailability of nutrients. The FoodOmics approach, because its mission is to provide a high-definition description of food, can bridge this gap between the present and future of precision nutrition, focusing its holistic vision on the structural aspect. We would like to invite researchers to participate in this Special Issue by presenting a new and updated knowledge base on the above-mentioned aspects. Both original research papers and critical reviews are welcome.

Guest Editors

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Dr. Elena Babini

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Deadline for manuscript submissions

closed (15 March 2025)



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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.

Editor-in-Chief

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