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

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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.



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Special Issue



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Message from the Editor-in-Chief

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