



Foodomics: A New Comprehensive Approach to Food and Nutrition

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Message from the Guest Editors

Based on recent developments in chromatography and mass spectrometry technologies, modern -omic approaches have been successfully applied in food and nutrition sciences, with the aim to obtain the systematic definition and quantitation of subsets of biomolecules present in raw vegetable and animal materials used as foods, information on corresponding molecular modifications after their technological processing and/or following their ingestion in the human body, but also to investigate the functional effects of specific foods/diets on model animals or humans. About ten years ago, this complex and interesting research field was originally termed *Foodomics* (Cifuentes A. 2009. Food analysis and Foodomics. J. Chromatogr. A 1216, 43: 7109). It is very probable that nobody at that time (including those who first used this term in a scientific article) imagined that in the future, this word would have been used by such a large number of scientists working in the field of food and nutrition sciences.





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