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Food Proteins from Alternative Sources: Processing, Functionality, Properties, and Applications

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Message from the Guest Editors

Traditional animal-based sources offer food proteins with high nutritional value. Despite their high nutritional and functional properties, their production has been characterized as unsustainable due to their increased environmental impact. The continuous population growth in combination with climate change and the environmental risks that our planet face gave a nudge to policymakers and society to explore novel, alternative, and sustainable food proteins which may efficiently substitute the traditional animal-based ones.

Academia and industry have been working actively on this scope over the last few years, seeking novel protein sources with high nutritional value, low environmental impact, high production yields, cost efficiency, and desired technofunctional and sensory properties to be used as ingredients in food products. This Special Issue will gather basic and applied research from academia and industry focused on a wide range of novel terrestrial, marine, and biotechnological sources for food applications, selecting relevant original research and review articles which will offer insights and solutions to the current scientific and societal challenges.



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Special Issue



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Message from the Editor-in-Chief

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