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Protein Supply and Demand: Food for the Future

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Message from the Guest Editors

Currently, protein-based foods are well received more attention due to their functionality and the nutritional necessity for human health, while some real factors, such as rapid growth of the world population, decreased farmland, and global climate common protein sources in the food industry mainly include wheat, animal-based muscle, dairy protein, and soy proteins, but there is still a need for the discovery of alternative sources of protein, and advanced technologies for efficient processing of protein. Therefore, the Special Issue aims to obtain more insights into the recent development in the supply and demand of protein. The following topics of this Special Issue are:

1. Application of advanced technology, such as cell culture technology and synthetic biology technology, to obtain alternative protein sources.
2. Finding new sources of protein, and evaluating their nutritional and sensory properties, and potential risk.
3. Application of advanced processing technology, such as ultrasound, high hydrostatic pressure, high-pressure homogenization, etc, to produce high-quality protein-based food, to modify protein for improving protein properties.



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Special Issue



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Message from the Editor-in-Chief

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