

## Special Issue

# Structural and Nutritional Characterization of Food Proteins and Polysaccharides

### Message from the Guest Editors

Sourcing and providing proteins are crucial in feeding the world and the global need for proteins will increase steeply along with population growth. Proteins provide energy, but additionally have a wide range of functions from enzymatic activities in the body to health beneficial attributes. Furthermore, proteins play an important role in food manufacture and often provide the binding, water- or oil-holding, emulsifying, foaming or other functional attributes required to ensure optimum sensory and taste benefits for the consumer.

Polysaccharides from plants have been utilised by the food industry for many years as gums and stabilising agents and can mediate carbohydrate digestion and thus manipulate the nutritional quality of foods. This is especially the case in the context of polysaccharides affecting postprandial blood glucose levels, obesity, diabetes, and even neuro-degenerative diseases. The purpose of this issue is to highlight current and new protein and polysaccharide sources and their associated functional, nutritional qualities.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 June 2020)



## Foods

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### 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.

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### Editor-in-Chief

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