

Special Issue

Natural Protein and Carbohydrates Polymers for Food and Nutrition Application

Message from the Guest Editors

Protein and carbohydrates are important macromolecular polymers in nature. Their structural analysis and functional regulation have attracted the interest of scientists and are widely used in modern industry due to their unique properties, which include green, environmental protection, renewable, easy to obtain, easy modification.

In this Special Issue, we want to present the latest research results on structural changes and functional regulation of proteins and carbohydrates, with a view to promoting the interdisciplinary development of food, materials, and nutrition and boosting scientific and technological progress and industrial development. Topics include but are not limited to the following: Structural analysis of natural Protein and Carbohydrate; Hydrogel, aerogel, microsphere, nanoparticles, porous materials, etc based on Protein and Carbohydrate; Characterization of protein-based, carbohydrate-based materials; Multiscale structure and functional relationships of protein and carbohydrate; Effects of processing factors on structure and function of protein and carbohydrate; Application of new materials based on protein and carbohydrate in food and nutrition.

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

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