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Research Progress on Grain Protein Structure and Function

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Message from the Guest Editors

Dear colleagues,

Grain proteins play an important role in providing sustainable diets and have interesting functional characteristics (e.g., gelation, viscosity, emulsification, solubility, foaming, and water and oil absorption capacities), playing a crucial role in determining the texture, taste, flavor, and stability of foods. Meanwhile, researchers can change their structure to further enhance the functions of natural proteins through modification techniques (physical, chemical, or biological modification). For this reason, a Special Issue of Foods is being released, focused on the research progress of grain protein structure and function. It will outline the structural characterization, functional characteristics, and modification techniques, as well as the existing challenges and future development trends.

Potential topics include, but are not limited to, the following:

Advanced structural characterization of grain proteins.

Functional characteristics of grain proteins.

The structure and function relationship of grain proteins.

Functional modification of grain proteins using highly advanced and new technology.



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Special Issue



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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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