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Advance in Shaping Rheological and Functional Properties of Systems Based on Cereal Biopolymers

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Deadline for manuscript submissions:
closed (25 April 2024)

Message from the Guest Editors

Cereal biopolymers are widespread around the world. Bio-renewal, ease of production and wide application in the food and non-food industries are just some of their features. Cereal starch biopolymers differ in rheological and functional properties from potato biopolymers. Similarly to multi-component systems with their participation, the addition of various technological components can shape their new properties, as well as a number of chemical, physical, or enzymatic modifications. The effect of technological components on the rheological properties of dough based on cereal flour and non-grain flour is also interesting. In this aspect, it is also interesting to make gluten-free dough and shape its properties under the influence of various modifications and addition of ingredients.

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