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Rheological Properties and Structure of Starches: Processing and Applications

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Message from the Guest Editors

Starch is one of the most abundant biopolymers used in many industrial processes, including food technology, papermaking, pharmaceutics, and many others. The continuous rise in demand for starch and its products has been driven in part by their versatility, simplicity of isolation, extensive availability, susceptibility to modification, and status as renewable materials.

In this Special Issue, we would like to provide the most recent information regarding the rheological properties and structure of native and modified starches from different botanical sources using different tools, including those on the verge of rheology. We welcome both original research and review articles focused on any aspects of the rheological properties of starch and its structure that are related to any industrial process. Methodological studies related to different rheological techniques or size-exclusion chromatography are especially welcome.

Deadline for manuscript submissions:
closed (15 March 2023)

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Message from the Editor-in-Chief

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