



an Open Access Journal by MDPI

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

Guest Editors:

### Message from the Guest Editors

Dr. Karolina Pycia

Dr. Ireneusz Kapusta

Dr. Joanna Kaszuba

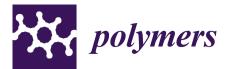
Dr. Greta Adamczyk

Deadline for manuscript submissions: closed (25 April 2024)

Cereal biopolymers are widespread around the world. Biorenewal, 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.



**Special**sue





an Open Access Journal by MDPI

## **Editor-in-Chief**

#### Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

## 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 highquality 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.

# **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

## **Contact Us**

*Polymers* Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/polymers polymers@mdpi.com X@Polymers\_MDPI