

# Special Issue

## Study of Starch in Food Chemistry

### Message from the Guest Editor

Starch is one of the most important polysaccharides, especially due to its unique physicochemical properties (dependent on the botanical origin, processing, etc.), making it a unique raw material used by many food industries. Physical, enzymatic, or chemical modifications of native starch from different origins have been applied to expand its application in the production of many food products, particularly those to improve the nutritional quality of final products or enhance its technological attributes. Another important aspect highlighted in recent years has been the interactions of starch with some bioactive compounds that could affect both the nutritional properties and the bioavailability of the latter. Finally, novel technological treatments applied to starch have become a significant aspect to explore for developing new functionalities and original applications in food chemistry. Therefore, this Special Issue in the journal *Polymers* is focused on studying starch in food chemistry and will provide an overview of the current status and future development in the field.

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### Guest Editor

Dr. Mariela Cecilia Bustos

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### Deadline for manuscript submissions

closed (25 April 2024)



# Polymers

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## About the Journal

### 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 4.9.

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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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