Special Issue

The Novel Roles of Macromolecules in Food Science and Their Inhibitory Effects on Foodborne Hazards

Message from the Guest Editors

In order to obtain satisfactory quality, food materials are usually processed. However, along with the improvement in food quality, the Maillard reaction in foods gives rise to toxic byproducts, such as heterocyclic amines (HCAs), acrylamide (AA), advanced glycation end products (AGEs), acrylamide, ethyl carbamate, methylimidazole, etc. The inhibition of their formation during thermal processing is the most practical way to minimize their dietary exposure and thus the associated health risks. Recently, studies in this area have become much more popular, and various effective strategies have been proposed, especially with the use of exogenous additives such as some macromolecules. Based on the increasing safety concerns of food processing procedures, it would be interesting to report the latest research on the generation and control of harmful products during food processing using macromolecules.

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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 4.7.

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.

Editor-in-Chief

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