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The Maillard Reaction: A Balancing Feedback for Food Quality

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Deadline for manuscript submissions:
closed (10 February 2020)

Message from the Guest Editors

The Maillard reaction is an undoubtedly powerful control tool during food processing. Besides the formation of potentially toxic molecules, unwanted browning, the production of off-flavors in milk and fruit juices, as well as decreasing the nutritional value of proteins, the Maillard cascade is an inevitable event at the basis of food quality. Many researchers around the world have proposed successful strategies to find the optimal balance point able to promote desired outcomes and mitigate undesired ones.

The aim of this Special Issue is to publish high-quality research papers and review articles addressing recent advances in food science and technology with a deeper insight into the union between the Maillard reaction and food quality.



mdpi.com/si/22937

Special Issue



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Message from the Editor-in-Chief

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