



Acrylamide and Other Neofomed Contaminants in Thermally Processed Foods: Determination Methods, Deterministic and Probabilistic Exposure Assessment and Mitigation Measures

Guest Editors:

Prof. Dr. Teresa Cirillo

Department of Agricultural Sciences, University of Naples Federico II, Via Università, 100-80055 Portici, NA, Italy

Dr. Francesco Esposito

Department of Public Health, University of Naples Federico II, 80131 Napoli, NA, Italy

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Message from the Guest Editors

Dear Colleagues,

This issue aims to provide an overview of the recent research in the analysis of food matrices that may develop acrylamide and/or other thermal process contaminants, specifically covering the following aspects: - The occurrence of acrylamide and other neofomed contaminants in processed food, including foodstuff intended for infants and young children. - Deterministic and probabilistic dietary exposure assessment to neofomed contaminants. - Development and application of methods for the detection of thermal process contaminants in complex matrices. - Development of reliable methods for the rapid determination of acrylamide in food. - Effect of composition of raw material and moisture content on the formation kinetics of acrylamide and its precursors during the heating process. - Mitigation strategies to reduce the levels of acrylamide as well as other neofomed contaminants during the heating process.

Prof. Teresa Cirillo
Dr. Francesco Esposito
Guest Editors





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Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

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MDPI, Grosspeteranlage 5
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