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Food Chemical Hazards: Formation, Migration, Risk Assessment and Dietary Exposure

Guest Editor:

Dr. Ivan Notardonato

Department of Chemistry,
University of Molise, 86100
Campobasso, Italy

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Message from the Guest Editor

Dear Colleagues,

In recent years, the presence of chemical contaminants in food products has received growing attention from specialized researchers. The chemical composition varies from packaging to packaging, but generally specific chemical substances are added to increase its malleability and workability. These molecules are able to migrate from the packaging to the food contained within in particular climatic and environmental conditions. Since several international bodies have classified some of these molecules as carcinogenic to human health, the attention of the scientific world has shifted to these particular molecules. Several studies confirm that the migration of molecules is favoured, above all, by strong thermal shocks.

Research is currently focused on developing new applications that are capable of offering similar characteristics but contain a smaller quantity, or even feature a total absence, of these compounds that are potentially dangerous for consumer health.



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Special Issue



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Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science,
Purdue University, West
Lafayette, IN, USA

2. Department of Comparative
Pathobiology (Courtesy), Purdue
University, West Lafayette, IN,
USA

Message from the Editor-in-Chief

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Foods Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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