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Utilization of Food By-Products Using 3D-Printing Technology

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Message from the Guest Editors

Dear Colleagues,

At present, the food industry is striving to develop new products enriched with nutritionally valuable ingredients such as dietary fiber, polyphenols, or vitamins, as well as functional products that have a positive effect on human health. Various by-products of the food industry are known to be rich sources of nutraceuticals, bioactive compounds, and inherently functional. In addition, waste management is one of the most important components of the food industry. As an aspect of sustainability, it could be minimized by using food by-products in three-dimensionally (3D) printed foods. Recently, 3D printing has emerged as a promising technology for producing foods with complex and tailored shape, texture, and nutritional content, thus offering an option of printing food by-products into more visually and psychologically appealing products. Three-dimensional printing represents a novel approach for producing nutritionally adapted and balanced food products and provides a possibility of using alternative ingredients.

This Special Issue of *Foods* will summarize important scientific contributions and advances in the field.



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Special Issue



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Message from the Editor-in-Chief

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