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Food By-Products as a Source of Proteins and Peptides

Guest Editor:

Dr. Maria Hayes

The Food BioSciences
Department, Teagasc Food
Research Centre, Ashtown,
Dublin 15, Ireland

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Message from the Guest Editor

Processing foods generates co-products and by-products that can be rich in proteins and peptides that are largely not utilised at present. To make food processing more economically and environmentally sustainable, procedures can be implemented that target total use of the biomass and go towards generating new markets and products. These products often consist of protein and peptides that have several potential techno-functional and bioactive health benefits. Nutritional benefits and methods to measure the same will be collated. This Special Issue will look at the generation of proteins and peptides from several food sources including traditional sources such as meat, dairy and fish but also their co-products. In addition, extraction and characterisation of proteins and peptides from alternative protein sources including cereals, microalgae, seaweeds and their by-products of extraction will also be examined. Techno-functional characterisation and life cycle analysis will be discussed along with current and potential applications of products developed from food processing by-products.



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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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Contact Us

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

Tel: +41 61 683 77 34
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