



Application of Biotechnological Methods Aimed to Obtain Bioactive Compounds from Food Industry By-Products, 2nd Version

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Message from the Guest Editors

Currently, food losses represent a severe imbalance in the availability and accessibility of the short-term global food system. Therefore, food waste management plays a crucial role since food waste is expected to rise to about 126 Mt by 2020, and the slogan “from waste to resources” is being promoted in order to inject food waste back into the economy as new raw materials, thus increasing the sustainability. Because up to 42% of food waste is produced by household activities and 39% by the food manufacturing industry, the circular economy is focused on the revalorization of those food losses. These by-products can be used as sources to obtain bioactive compounds with beneficial properties (antioxidant, antimicrobial, etc) through green extraction methods, achieving economically attractive processes to the food industry and environmentally friendly promoting the sustainability. Hence, the main topic of this Special Issue is focused on the application of biotechnological techniques that improve the obtaining of bioactive compounds to develop high-added value products (nutraceuticals and cosmeceuticals). Short communications, original articles, and reviews are welcome.





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