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Novel Added-Products Manufacturing from Agro-Food Wastes

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Message from the Guest Editors

The recycling of bioactive compounds from agro-food waste and their transformation into novel added-products appears to be an efficient approach to promoting a sustainability and circular economy. Over the last few years, the scientific community has been developing the valorization of polyphenols extracted from food by-products through lipophilization processes towards novel applications for food, cosmetic, and pharmaceutical industries. This Special Issue is focused on the recent developments of the polyphenols lipophilization processes, taking in account green chemistry approaches, including alternative solvents such ionic liquids and deep eutectic mixtures, microwave-assisted synthesis, new biocatalysts, eco-friendly chemical reactions, and new covalent functionalizations.

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