Special Issue

Food Waste and Circular Bioeconomy: New Nutraceutical and Pharmaceutical

Message from the Guest Editor

Food waste is a biodegradable waste omnipresent in every corner of the world. Efficient and feasible utilization of this waste material for productivity process is significant for both economical and environmental reasons. The management of food waste can be done by conversion to different value-added products, for example, phytochemicals, food supplements, dietary fibers, biopigments and colorants, emulsifiers, biopreservatives, biofertilizers, and biofuels. It is worthy of note that the conversion of food waste to valuable byproducts in nutraceutical and pharmaceutical fields has been a scientific hotspot in recent decades and it has more and more matters of interests. Therefore, the aim of this Special Issue is to highlight new challenges in the application of food waste as source for nutraceuticals and pharmaceutical formulations, with a focus on recent advances of techniques for extraction and characterization of food waste organic components, valuing the food supply chain by-products and waste streams.

Guest Editor

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As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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