

Special Issue

Nut Oils: New Insights into Extraction, Quality, and Novel Uses in the Food Industry

Message from the Guest Editor

Botanically, nuts are fruits made up of a hard outer shell with a generally edible seed inside. To obtain high-quality nut oils, it is important to consider the extraction method. In this sense, pressure systems leading to cold-pressed oils or new extraction technologies based on supercritical fluids can be applied. In addition, the demands of today's society encourage the search for new insights to incorporate nut oils in the formulation of novel food products to achieve a healthier diet where the consumption of saturated fats can be reduced. Moreover, the use of defatted flours is also of great interest, as this by-product obtained by the grinding of the pressing cake shows a great nutritional value with high content in protein, fiber, or minerals. Thus, novel data regarding the characterization of new nut oils obtained by mechanical methods, or the incorporation of these ingredients and the resulting defatted flours, in the formulation of novel foods such as meat products with a reduced saturated fat content or in the elaboration of gluten-free bakery products may be of interest.

Guest Editor

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