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New Crops Source of Healthy Edible Oil and Processes

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Message from the Guest Editor

Dear Colleagues,

Recent conflicts around the world have emphasized the vulnerability of the oil market and therefore human alimentation. Moreover, the climatic conditions (i.e., drought and high temperatures) of the current year have affected the production of oil crops. This situation has highlighted our dependence on a few of the world's dominant oil-producing species. The present Special Issue aims to explore a large panel of potential new plant sources (including algae) with edible oil or with a specific fatty acid composition, new extraction methods and processes, agricultural production and its impact on the environment, and effects on human health. This Special Issue deals with the description of new sources (non-domesticated plants, forgotten species and cultivars, species not used thus far for their oil, etc.) of oil for their content of major and minor lipids of interest for human health, the screening of old plant resources or the development of new cultivars, the modification of lipid biosynthesis pathways, the transformation processes of raw materials, and cultivation according to a sustainable agriculture mode.

Dr. Othmane Merah

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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