



Molecular Insight into the Processing and Characterization of Animal Fats and Vegetable Oils

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Message from the Guest Editor

Animal fats and vegetable oils belong to the portfolio of important raw materials not only for the food industry, but are also used in non-food sectors such as the pharmaceutical, cosmetic and leather industries. A significant share is represented by fats and their wastes originating from untraditional animal fats and vegetable oils, including by-products. Current trends in the processing of raw materials significantly point towards compliance with the principles of the circular economy with respect to the environment.

The purpose of this Special Issue is to provide a representative and up-to-date overview of nutritional and molecular research on fats, processing of fats, oils and their wastes aimed at the preparation of products for common and advanced applications. The research focusing on the impact of fats and fatty acids on heart diseases, cancer or intestinal diseases, as well as the potential of omega-3 fatty acids in medical therapies are welcomed. Authors are encouraged to publish results on the preparation of second-generation biofuels as well.





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Message from the Editor-in-Chief

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