

## Special Issue

# Lipids in Food Chemistry

### Message from the Guest Editor

Oils and fats, an important source of fat-soluble nutrients, essential fatty acids, as well as energy. Lipids from natural sources are mainly composed of triacylglycerol and minor components, such as tocochromanols, phytosterols, phenolic compounds, and squalene, and the previous studies have observed that most of these minor components have antioxidant properties. Moreover, the current research is mainly focusing on the physiological and biological activities of lipids and their possible relationships with human health. In addition, in the food industry, oils and fats could also provide numerous lipid-based foods, such as bread, biscuit, chocolate, margarine, and frozen dessert, with the desirable texture, flavor, and taste. However, the properties, quality and oxidative stability of food products are significantly influenced by fatty acid and triacylglycerol composition, due to the different physico-chemical properties. This Special Issue will include original research articles, reviews, and short communications related to the health benefits, physicochemical properties, synthesis, processing, oxidation, nutrition and biotechnology of lipids, but are not limited to the above.

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### Guest Editor

Dr. Gangcheng Wu

School of Food Science and Technology, Jiangnan University, Wuxi, China

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### Deadline for manuscript submissions

closed (15 November 2022)



## Molecules

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*Molecules*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[molecules@mdpi.com](mailto:molecules@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

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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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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