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Effect of Fatty Acids on Chronic Disease Risk and Prevention

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Message from the Guest Editor

Fatty acids are important for human health, providing not only caloric energy but also supporting vital cellular functions. A dietary composition of various fatty acids [i.e., n-3 and n-6 polyunsaturated fatty acids (PUFA), monounsaturated fatty acids (MUFA) and saturated fatty acids (SFA)] can impact the production of bioactive lipid mediators, cellular functions, and ultimately chronic disease risk. These chronic diseases include, but are not limited to, cardiometabolic diseases, gastrointestinal diseases, neurological conditions and cancer. The aim of this Special Issue is to showcase the latest research focusing on the impact of dietary fatty acids on chronic disease prevention and/or as an intervention strategy within a broad range of conditions. Research utilizing in vitro models, animal models, or human interventions are encouraged and review articles providing new perspectives or identification of emerging research fronts are also suitable.



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