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Lipid Metabolism in Inflammation and Immune Function

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Message from the Guest Editor

Dear Colleagues,

Lipid metabolism plays an essential role in modulating inflammation within the context of acute and chronic diseases. Dietary and endogenous lipids possess pro- and anti-inflammatory properties, whereas the lipoprotein profiles and composition impact atherogenic and immunomodulatory pathways. Accordingly, therapeutic strategies and nutritional interventions that target lipid metabolism are promising approaches to mitigate inflammation and optimize immune function in obesity, cardiovascular disease, chronic metabolic and inflammatory disorders, autoimmunity, and pathogen defense. This Special Issue invites comprehensive reviews, clinical trials, epidemiological analyses, and studies employing cell and animal models that further elucidate the relationship between lipid metabolism, inflammation, and immune function in human health.

Dr. Catherine J. Andersen

Guest Editor



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