



## Fatty Acids as Modulators of Immune Function: Implications on Human Health

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Deadline for manuscript submissions:

**closed (31 December 2022)**

### Message from the Guest Editor

Omega-3 and omega-6 fatty acids are essential dietary polyunsaturated dietary fatty acids (PUFAs) that are metabolized to form lipids involved in both the propagation and resolution of inflammation. Therefore, they have important implications for immune function; deficits in the abundance or production of PUFA-derived bioactive lipids influence the pathophysiology of autoimmune diseases, such as rheumatoid arthritis, multiple sclerosis, type-1 diabetes, and systemic lupus erythematosus. Understanding the role of fatty acids in immune function and interventions targeted at preventing or correcting lipid dysbiosis represents a major step forward in treating immune disease.

In this topic, entitled “Fatty Acids as Modulators of Immune Function: Implications for Human Health,” we welcome submissions on fatty acid metabolism, lipid abundance and profiling, the connection between immune function and fatty acids or their respective lipids byproducts, and the role of dietary PUFAs in immune health.





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