



## Nutrition and Exercise Influences on Oxylipins

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### Message from the Guest Editor

Recent advances in mass spectrometry equipment and analytical capacities have increased the awareness of the vital regulatory roles of oxylipins in numerous physiological processes including cardiac function, vascular tone, blood coagulation, innate immune function, and inflammation. The influences of diet interventions, exercise training, obesity, and various disease states on oxylipin generation represent an emerging field of scientific endeavor. There is a growing awareness that metabolic, lifestyle, environmental, and physiological stresses can turn oxylipins from beneficial signaling agents into mediators of immune dysfunction, chronic inflammation, and other unfavorable responses.

This Special Issue of *Nutrients* will focus on the effects of nutrition, exercise, obesity, and related lifestyle factors on oxylipins. Researchers are invited to submit insightful reviews and original research papers in this area of metabolism.

Prof. Dr. David C. Nieman

*Guest Editor*





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