



Metabolism and the Biological Functions of Oxylipins

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Deadline for manuscript
submissions:

closed (28 February 2023)

Message from the Guest Editor

In plants and animals, oxidized lipids, called oxylipins, play important roles in regulating physiological functions. These natural chemical mediators are notably involved in host defense, cell to cell communication, the regulation of cellular stresses and more. Given their strong biological action, the level of oxylipins in an organism is tightly regulated by both their formation and destruction. Thus, understanding their metabolism is as important as understanding their mode of action, because the metabolic proteins involved could be a target for pharmaceutical action.

This Special Issue will focus on both basic science and translational research related to the metabolism of oxylipins, as well as their biological function, and how intervention targeting these pathways can resolve diseases.





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Message from the Editor-in-Chief

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