

Special Issue

Modulation of Autophagy by Dietary Polyphenols: Mechanisms and Health Benefits

Message from the Guest Editor

Recent years have provided plenty of evidence that health benefits of dietary polyphenols are mediated not only by their potent antioxidant and antiinflammatory properties, but also via the modulation of autophagy. However, little is known about the molecular mechanisms underlying the crosstalk of polyphenol-mediated pathways with autophagy machinery. We invite you to submit your latest research or review article to this Special Issue that will gather novel evidence on the signaling and/or epigenetic mechanisms triggered by dietary polyphenols in various models of human disease characterized by oxidative imbalance and/or inflammation. In particular, papers addressing the relationship between antioxidant and anti-inflammatory pathways and autophagy are welcome. The Special Issue is not restricted to a specific pathology but will focus on novel and consolidating insights into mechanisms of autophagy regulation and the pharmacology of natural flavonoids and related compounds found in dietary sources. We are looking forward to your contribution to this fast evolving research area.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2021)



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About the Journal

Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of “oxidative stress” a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

Editor-in-Chief

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