



Nutrigenomics and Antioxidant Components of Diet

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Message from the Guest Editors

Nutrigenomics aims to evaluate the impact of dietary components on gene expression; in particular, diet is rich in functional groups that, interacting with DNA and histones, can modulate gene expression directly or through chromatin remodeling.

Taking into account the impact of nutrigenomic research on population health, this Special Issue will publish original research papers, reviews, systematic reviews, and meta-analyses that will contribute to identify and characterize food rich in antioxidants as well as other food components useful to address proper nutrigenomics responses in our body, in order to promote health and appropriate dietary choices consistent with sustainable development. This Special Issue particularly welcomes articles from participants at the 4th European summer school on Nutrigenomics that will take place on June, 22–26, 2020, in Jesi (AN), Italy. This collection will provide further in-depth insight into a range of work and ideas discussed at the event, and also will present recent progress in these areas for researchers beyond the event.





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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.

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