



## Plant-Based Foods and Their Bioactive Components: Effects on Cardiometabolic Disorders and Related Molecular Mechanisms

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Deadline for manuscript  
submissions:

**closed (25 October 2024)**

### Message from the Guest Editors

Dear Colleagues,

The molecular mechanisms underlying the effects of plant-based foods and their bioactive components on cardiometabolic disorders are complex and multifaceted, involving metabolic pathway modulation, oxidative stress and inflammation inhibition, insulin sensitivity improvement, and gut microbiota modulation, among others.

This Special Issue welcomes authors to submit original research articles or reviews. Potential topics include but are not limited to:

- Antioxidant and anti-inflammatory properties of plant-based foods and their bioactive components;
- Effects and underlying mechanisms of plant-based food bioactive components on glucose metabolism, lipid metabolism, insulin sensitivity, and cancer cells;
- Health impacts of plant-based foods and their bioactive components on body weight regulation and obesity;
- Synergistic effects of plant-based foods in the management of cardiometabolic disorders;
- The interaction of plant-based foods or their bioactive components with the gut microbiome and related health impacts on cardiometabolic disorders;
- Clinical trials evaluating the cardiometabolic benefits of plant-based foods or their bioactive components.





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