

Special Issue

The Impact of Food Compounds on Obesity Mechanisms

Message from the Guest Editor

In recent years, understanding the physiological functions of food-derived compounds has become essential for the management of metabolic disorders such as obesity and diabetes. Food-derived compounds act on various organs and/or tissues. To elucidate the mechanisms of their functions, it is necessary to conduct not only cell-based research, but also animal experiments. In particular, for studies on the physiological effects of food extracts, animal experiments are essential, as are cell-based experiments. This is because cells involved in the development of metabolic diseases such as adipocytes, hepatocytes, myocytes, and intestinal epithelial cells are metabolically linked. Therefore, this Special Issue welcomes the submission of a wide range of original and review articles focusing on the physiological effects of food-derived compounds and extracts on obesity-related metabolic disorders. However, animal experiments are required for the investigation of extracts.

Guest Editor

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Message from the Editor-in-Chief

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