



Effect of Functional Food on Skeletal Muscle and Metabolic Profile

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Message from the Guest Editor

Dear Colleagues,

With the acceleration of the aging society, there is a growing interest in health, especially in the functions of foods beyond nutrition. Muscles are also important organs for supporting health, and their wide range of effects on the whole body through the secretion of myokines and other factors is attracting attention.

The purpose of this Special Issue of *Metabolites* is to provide the latest information on the possible role of functional foods in health by collecting papers on the effects of food ingredients on skeletal muscle and metabolism from cell experiments to animal and human studies. Food ingredients include, but are not limited to, proteins including amino acids, lipids, carbohydrates, vitamins, and plant-derived ingredients.

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Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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