

## Special Issue

# Diet, Gut Microbiota and Metabolic Health

### Message from the Guest Editors

The intestinal tracts of animals harbor complex and dynamic microorganisms known as the gut microbiota, which have emerged as a key player in regulating various physiological processes, including digestion, metabolism, and immunity. Both long- and short-term diets are considered the major determinates of gut microbiota, as ingested nutrients interact with and determine the resident microbial community and function. In contrast, gut microbiota exert direct effects on the digestion, absorption, and metabolism of food. Consequently, diet-microbiota interactions play an important role in host metabolism and health. The scope of this Special Issue, titled “Diet, Gut Microbiota and Metabolic Health”, is devoted to original papers and literature reviews relevant to the effects of diet-microbiota interactions in host metabolism, as well as nutritional strategies targeting microbiota for the prevention and treatments of metabolic diseases.

### Guest Editors

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### Deadline for manuscript submissions

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## Metabolites

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## About the Journal

### 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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### Editor-in-Chief

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