

## Special Issue

# Gut Microbiota Colonization and Food Impact

### Message from the Guest Editor

The gut microbiota metabolizes complicated components in food and affects the bioavailability of food in regulating digestion, nutrient absorption, immune response, epigenetic modification, and even metabolic homeostasis. On the other hand, food components also have a key impact on shaping the composition of gut microbiota in terms of richness, diversity, and colonization of specific intestinal bacteria. The purpose of this Special Issue is to gather the latest research on the impacts of food components on changing gut microbiota colonization throughout lifetime. Longitudinal studies that involve interventional strategies with food for disease prevention or management are also encouraged.

Original research articles and reviews are welcome: The impacts of food components on gut microbiota colonization of toddlers, preschoolers, and school-aged children;

New mechanisms for or findings about the impacts of the shift of food components on gut microbiota colonization or colonization resistance;

Promising intervention strategies with food for disease prevention or management by changing gut microbiota colonization.

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### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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