

## Special Issue

# Bioactive Molecules and Prebiotics for Gut Health and Beyond

### Message from the Guest Editor

The human intestinal microbiome has an insurmountable effect on our health status by influencing a wide range of diseases from cancer, obesity, and allergies to neurological disorders. Ingested bioactive molecules and substances such as prebiotics, postbiotics, and other bioactive compounds may benefit our health status in more profound and complex ways. To understand this intricate network of interactions between microbiota and the host requires a trans-disciplinary approach. This research topic invites articles on novel bioactive that induce changes in the cecal microbiota while having antioxidant, anti-cancer, and anti-inflammatory properties, maintain intestinal homeostasis or target metabolic responses in the host.

Keywords:

- prebiotics
- postbiotics
- bioactive molecules
- gut health
- homeostasis

### Guest Editor

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### Deadline for manuscript submissions

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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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