

Special Issue

Diet–Host–Microbiota Interaction to Regulate Intestinal Homeostasis

Message from the Guest Editor

The following Special Issue explores the interactions within dietary nutrients and the host–microbiota axis as a potential modulator of human health. The maintenance of human health can begin at the intestine through a synergistic crosstalk between the host immune system and the resident microbiome. Impaired intestinal barrier function and immunity following gut microbiota imbalances have been proposed as underlying mechanisms of several diseases, such as obesity, diabetes, and inflammatory bowel diseases. Dietary components are considered one of the main environmental factors that can positively and negatively shape the intestinal ecology. Characterizing the effects of diet intake through the host–microbe axis can aid in designing evidence-based dietary interventions to maintain human health by favoring intestinal homeostasis.

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Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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