

Special Issue

The Role of Microbiota and Diet in the Mucosal Immune System

Message from the Guest Editor

Diet and microbiota together play a fundamental role in the function of the immune system. The human immune system has evolved to maintain a symbiotic relationship among these highly diverse and evolving microbes. In normal conditions, this relationship helps to maintain oral tolerance. However, imbalance within this relationship can contribute to autoimmune and inflammatory disorders such as inflammatory bowel disease, diverticular disease, and irritable bowel syndrome. In recent decades, efforts to sequence the human meta-genome have acted to develop our collective understanding of the microbiota's effect on many diseases. In this Special Issue, we will discuss emerging topics that highlight the complex role of the microbiota within the immune system in the context of health and disease.

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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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