

Special Issue

Nutrition and Gut Microbiome in the Prevention of Food Allergy

Message from the Guest Editors

In recent years, the gut microbiome has represented an emerging area of investigation with a growing trend of publications in the field of nutrition and gut microbiota, reportedly to be increased by tenfold in the last decade. In particular, targeted nutrition has gained significant attention to assist consumers in making healthy food choices and reducing the risk factor of noncommunicable diseases (NCDs), also including food allergies. Prebiotics and probiotics have been shown to have a role in modulating the inflammatory immunoreponse, thus altering the adverse reactions displayed in allergic consumers. Probiotics show promise in preventing and managing food allergies, but the impact of supplementation during pregnancy or infancy on children's allergies and gut microbiota remains unclear. This Special Issue aims to explore the intriguing connection between nutrition, the gut microbiome, and food allergy through a healthy and/or supplemented diet. We invite all the scientific community to contribute to this Special Issue with original research papers and reviews on cutting-edge research focusing on the gut microbiome and food allergies.

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About the Journal

Message from the Editorial Board

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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