

Special Issue

Food Allergy and Clinical Immunology

Message from the Guest Editors

Food allergy is a common immune disorder that has increased in prevalence over the last two to three decades. In Western countries, up to 10% of children and 4% of adults are affected. The majority of patients are allergic to milk, egg, peanuts, tree nuts, fish, or shellfish. Food allergic reactions are responsible for a variety of symptoms and disorders involving the skin and gastrointestinal and respiratory tracts. IgE-mediated and non-IgE-mediated (cellular) mechanisms, as well as eosinophils, mast cells, ILCs (innate lymphoid cells) and Th2 cells, have emerged as key factors associated with food allergic disorders such as eosinophilic esophagitis, food-protein-induced enterocolitis syndrome (FPIES), or food-protein-induced proctocolitis. The field of therapeutics is advancing rapidly. Despite these major advances, a full understanding of the immune mechanisms involved in distinct phenotypes and endotypes of food allergy is still required to propose a “personalized medicine” approach for the treatment of this pathology.

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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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