

Special Issue

Nutritional Considerations and Health Issues of a Gluten-Free Diet

Message from the Guest Editors

Celiac disease (CeD) is a systemic disease that causes chronic enteropathy of the small intestine and develops through an inadequate immune response to gluten in genetically predisposed individuals. To date, the only effective treatment is a gluten-free diet that essentially relies on the consumption of naturally gluten-free foods and gluten-free dietary products. But an inadequately balanced gluten-free diet can increase the risk of obesity, negatively affect glucose and lipid metabolism, and increase the risk of metabolic syndrome. Therefore, adequate nutritional counseling is necessary for patients diagnosed with CeD in order to prevent and treat the components of metabolic syndrome.

Emerging therapeutic options for CeD are based on the removal of toxic gluten peptides, the modulation of intestinal permeability, or the restoration of the gut microbiota. These treatment options have shown encouraging preliminary results in clinical trials.

The planned Special Issue will include research and reviews from the most recognized names research topics related to a gluten-free diet. We are also aiming to cover new and challenging topics within the Special Issue.

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Deadline for manuscript submissions

closed (25 August 2023)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/125463

Nutrients
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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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