

## Special Issue

# Gluten/Wheat-Related Disorders: The Role of Nutrition, Gut Barrier, Microbiota, and New Therapeutic Strategies

### Message from the Guest Editor

Gluten-related disorders (GRDs) include distinct conditions, specifically celiac disease (CD), wheat allergy (WA), and non-celiac gluten/wheat sensitivity (NCGWS). Currently, the sole effective treatment for CD is a stringent GFD. However, some patients continue to experience symptoms and exhibit partial villus atrophy due to gluten exposure, indicating that the GFD may not fully manage symptoms. Emerging therapeutic strategies being explored include gluten proteolysis, removal of gluten from the digestive system, promotion of tight junction integrity, inhibition of transglutaminase 2, utilization of probiotics, and immunotherapy. This Special Issue of *IJMS* aims to showcase the latest developments in GFD for CD and other GRDs from a comprehensive viewpoint. It covers areas such as diet and nutrition, innovative techniques for gluten analysis, evaluation of gut barrier integrity, case reports featuring molecular-level data analysis, and complementary or alternative treatments, such as gluten-free wheat flours, probiotics, and medications.

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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