

Special Issue

Celiac Disease: Genetics, Pathogenesis and Therapy

Message from the Guest Editor

Celiac disease is regarded as an autoimmune disorder triggered, in genetically predisposed individuals, by exposure to gluten. Throughout the years, our understanding of celiac disease has changed quite dramatically, and data obtained by several research groups have allowed us to better define the pathogenesis of this multifactorial disorder. Although it is known that a specific HLA is necessary for the development of the disease, the presence of the DQ2.5 or DQ8 heterodimer is not sufficient; several loci, harboring genes involved in the immune response, have been identified by GWAS, but still about 50% of genetic predisposition is unknown. Thus, further clarification of the genetic as well as pathogenetic mechanisms is still needed. This Special Issue could thus represent a collection of the current knowledge about celiac disease, ranging from genetics to new therapies; for this reason, I am glad to invite all our colleagues working in this field to contribute to this new issue with reviews or original data.

Guest Editor

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