



Celiac Disease: Methods and Protocols (Mixed media product)

By -

Humana Press Inc., United States, 2015. Mixed media product. Condition: New. 1st ed. 2015. Language: English . Brand New Book. This volume provides detailed molecular analysis of the associated pathways and cell types involved in Celiac Disease, and embraces new technologies such as next generation sequencing. The book is divided into three parts: Part I gives a background overview with a number of reviews to describe the history and nature of the disease, its diagnosis, the role of animal models, and study designs for investigating genetic susceptibility. Part II describes molecular techniques, including tissue culture, isolation and cloning of relevant cell types, high content analysis of biopsies, and HLA genotyping. The final part of the book begins with an outline of scripting for data management, focusing on tools that are freely available to researchers who wish to explore them. It also describes analysis pipelines for bioinformatics prediction of antigenicity, quality control and analysis of GWAS data, and transcriptome analysis by next generation sequencing. Written in the highly successful Methods in Molecular Biology series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known...



READ ONLINE
[1.65 MB]

Reviews

These kinds of publication is everything and made me hunting ahead of time and more. I have got read through and i also am confident that i am going to gonna study yet again yet again later on. Its been printed in an extremely basic way in fact it is only after i finished reading this pdf in which in fact transformed me, alter the way i believe.

-- **Cristina Koepp**

A very amazing ebook with perfect and lucid reasons. Indeed, it can be engage in, still an amazing and interesting literature. I found out this pdf from my i and dad encouraged this book to discover.

-- **Breanna Hintz**