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Harnessing the potential of gene editing technology using CRISPR in inflammatory bowel disease

Limanskiy V *et al.* Potential of CRISPR-Cas9 in IBD

Viktor Limanskiy, Arpita Vyas, Lakshmi Shankar Chaturvedi, Dinesh Vyas

Abstract

The molecular scalpel of clustered regularly interspersed short palindromic repeats/CRISPR associated protein 9 (CRISPR/Cas9) technology may be sharp enough to begin cutting the genes implicated in inflammatory bowel disease (IBD) and

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Summary. **Advancements** in human **genetics** now poise the field to illuminate the pathophysiology of complex **genetic disease**. In particular, genome-wide association studies have generated insights into the mechanisms driving **inflammatory bowel disease** (IBD) and implicated **genes** shared by multiple autoimmune and autoinflammatory **diseases**.

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What Might CRISPR and Gene Editing Mean for Breast ...

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The Centers for **Disease** Control and Prevention reports that 50 percent of women with a **BRCA1** or **BRCA2 gene mutation** will develop **breast** cancer by age 70. That's compared to about 7 percent of women in the general population.

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Feb 15, 2018 · As its name suggests, **CRISPR Therapeutics** focuses on developing therapies using