

References for IBD

[New understanding of the gut immune system may hold promise for Crohn's disease patients | ScienceDaily](#)

[Selecting Therapeutic Targets in Inflammatory Bowel Disease \(STRIDE\): Determining Therapeutic Goals for Treat-to-Target - PubMed \(nih.gov\)](#)

[Advances in the treatment of Crohn's disease and ulcerative colitis - Mayo Clinic](#)

[Advancements in IBD care: Natural supplements, disease monitoring via sweat and more - American Gastroenterological Association](#)

[0822-Santiago-et-al_final-1.pdf \(gastroenterologyandhepatology.net\)](#)

[Mayo Clinic - Inflammatory Bowel Disease](#)

Loftus, E. V. Jr. (Mayo Clinic): Treat-to-Target Strategy for IBD Management. Gastroenterology Journal

[Crohn's disease - Symptoms and causes - Mayo Clinic](#)

[NCBI - Spore-based probiotics](#)

[Mayo Clinic - Probiotic](#)

[NCBI - Glutamine and Gut Health](#)

[PubMed - Zinc Carnosine for Mucosal Repair](#)

[NCBI - Zinc Carnosine and Gastric Health](#)

[PubMed - Omega-3 Fatty Acids in IBD](#)

[NCBI - Omega-3 and Mucosal Health](#)

[PubMed - Aloe Vera for Ulcerative Colitis](#)

[NCBI - Aloe Vera and Gut Health](#)

[PubMed - Slippery Elm and Gastrointestinal Health](#)

[NCBI - Slippery Elm for Mucosal Protection](#)

[PubMed - Probiotics and Gut Health](#)

[NCBI - Probiotics for Mucosal Health](#)

[PubMed - Colostrum for Gut Healing](#)

[NCBI - Bovine Colostrum and Intestinal Health](#)

1. [Reduced Phagocytic Activity](#)
2. [Altered Cytokine Production](#)
3. [Natural Killer \(NK\) Cells Function Decline](#)
4. [Thymic Involution](#)
5. [Memory T-cells](#)
6. [Reduced B-cell Production](#)
7. [Immunosurveillance and Cancer](#)
8. [Increased Susceptibility to Infections](#)
9. [Autoimmune Diseases](#)
10. [Vaccine Efficacy](#)