

## References for Optimising Gut Health – A Guide to Empowering Individuals Blog April 2025

1. Van Hul M, Cani PD, Petitfils C, De Vos WM, Tilg H, El-Omar EM. What defines a healthy gut microbiome? *Gut*. 2024 Oct 7;73(11):1893-1908. doi: 10.1136/gutjnl-2024-333378. PMID: 39322314; PMCID: PMC11503168.
2. McDonald, Daniel, et al. "American gut: an open platform for citizen science microbiome research." *Msystems* 3.3 (2018): 10-1128.
3. Hughes RL, Holscher, HD *Adv Nutr*. Fueling Gut Microbes: A Review of the Interaction between Diet, Exercise, and the Gut Microbiota in Athletes. . 2021 Dec 1;12(6):2190-2215. doi: 10.1093/advances/nmab077.
4. Hannah C. Wastyk, et al. Gut-microbiota-targeted diets modulate human immune status, *Cell*, Volume 184, Issue 16, 2021, Pages 4137-4153.e14, <https://doi.org/10.1016/j.cell.2021.06.019>. (<https://www.sciencedirect.com/science/article/pii/S0092867421007546>)
5. Øyri SF, Múzes G, Sipos F. Dysbiotic gut microbiome: A key element of Crohn's disease. *Comp Immunol Microbiol Infect Dis*. 2015 Dec;43:36-49. doi: 10.1016/j.cimid.2015.10.005. Epub 2015 Oct 25. PMID: 26616659.
6. Ji et al. A role for bacterial urease in gut dysbiosis and Crohn's disease. *Sci Transl Med*. 2017 Nov 15;9(416):eaah6888. doi: 10.1126/scitranslmed.aah6888. PMID: 29141885; PMCID: PMC5808452.
7. Cryan J.F., O'Riordan K.J., Sandhu K., Peterson V., Dinan T.G. The gut microbiome in neurological disorders. *Lancet Neurol*. 2020;19:179-194. doi: 10.1016/S1474-4422(19)30356-4.
8. Cox L.M., Weiner H.L. Microbiota Signaling Pathways that Influence Neurologic Disease. *Neurotherapeutics*. 2018;15:135-145. doi: 10.1007/s13311-017-0598-8.
9. Kaelberer M.M., Buchanan K.L., Klein M.E., Barth B.B., Montoya M.M., Shen X., Bohorquez D.V. A gut-brain neural circuit for nutrient sensory transduction. *Science*. 2018;361:eaat5236. doi: 10.1126/science.aat5236.
10. Carabotti M., Scirocco A., Maselli M.A., Severi C. The gut-brain axis: Interactions between enteric microbiota, central and enteric nervous systems. *Ann. Gastroenterol*. 2015;28:203-209.
11. Le Chatelier E, Nielsen T, Qin J, et al. Richness of human gut microbiome correlates with metabolic markers. *Nature*. 2013;500:541-546.
12. Wang et, al. Gut Microbial Dysbiosis in the Irritable Bowel Syndrome: A Systematic Review and Meta-Analysis of Case-Control Studies, *Journal of the Academy of Nutrition and Dietetics*, Volume 120, Issue 4, 2020, Pages 565-586, ISSN 2212-2672, <https://doi.org/10.1016/j.jand.2019.05.015>.
13. Wang Xinyi et, al. Emerging role of gut microbiota in autoimmune diseases, *Frontiers in Immunology*. Volume 15, 2024. <https://www.frontiersin.org/journals/immunology/articles/10.3389/fimmu.2024.136555> 4 DOI=10.3389/fimmu.2024.136554

14. Eales J. et, al. Systematic review and meta-analysis: the effects of fermented milk with Bifidobacterium lactis CNCM I-2494 and lactic acid bacteria on gastrointestinal discomfort in the general adult population. Therap Adv Gastroenterol. 2016. First published on October 9, 2016.
15. Beausoleil, M., N. Fortier, S. Guenette, A. L'Ecuyer, M. Savoie, M. Franco, J. Lachaine, and K. Weiss. "Effect of a Fermented Milk Combining Lactobacillus Acidophilus CL1285 And Lactobacillus Casei in the Prevention of Antibiotic-Associated Diarrhea: A Randomized, Double-Blind, Placebo-Controlled Trial." Canadian Journal of Gastroenterology 21.11 (2007): 732-36.
16. Yang, Y.X., M. He, G. Hu, J. Wei, P. Pages, X.H. Yang, and S. Bourdu-Naturel. "Effect of a fermented milk containing Bifidobacterium lactis DN-173010 on Chinese constipated women." World J Gastroenterol 14.40 (2008): 6237-6243.