

COVID-19 HIGHLIGHTS THE IMPORTANCE OF A HEALTHY MICROBIOME

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REFERENCES

1. Ward DV, Bhattarai S, Rojas-Correa M, Purkayastha A, Holler D, Da Qu M, et al. The intestinal and oral microbiomes are robust predictors of covid-19 severity the main predictor of covid-19-related fatality. medRxiv. 2021:2021.01.05.20249061.
2. Feng ZW, Y.; Qi, W. . The Small Intestine, an Underestimated Site of SARS-CoV-2 Infection: From Red Queen Effect to Probiotics. Preprints. 2020.
3. Tao W, Zhang G, Wang X, Guo M, Zeng W, Xu Z, et al. Analysis of the intestinal microbiota in COVID-19 patients and its correlation with the inflammatory factor IL-18 and SARS-CoV-2-specific IgA. medRxiv. 2020:2020.08.12.20173781.
4. Zuo T, Zhang F, Lui GCY, Yeoh YK, Li AYL, Zhan H, et al. Alterations in Gut Microbiota of Patients With COVID-19 During Time of Hospitalization. Gastroenterology. 2020;159(3):944-55 e8.
5. Zuo T, Yeoh YK, Ng SC. Reply: The New Foe and Old Friends: Are We Ready for Microbiota-based Therapeutics in Treating COVID-19 Patients? Gastroenterology. 2021.
6. Tao W, Zhang G, Wang X, Guo M, Zeng W, Xu Z, et al. Analysis of the intestinal microbiota in COVID-19 patients and its correlation with the inflammatory factor IL-18 and SARS-CoV-2-specific IgA. medRxiv. 2020:2020.08.12.20173781.
7. Yeoh YK, Zuo T, Lui GC, Zhang F, Liu Q, Li AY, et al. Gut microbiota composition reflects disease severity and dysfunctional immune responses in patients with COVID-19. Gut. 2021.
8. Chaari A, Bendriss G, Zakaria D, McVeigh C. Importance of Dietary Changes During the Coronavirus Pandemic: How to Upgrade Your Immune Response. Front Public Health. 2020;8:476.
9. Domingues CPF, Rebelo JS, Dionisio F, Botelho A, Nogueira T. The Social Distancing Imposed To Contain COVID-19 Can Affect Our Microbiome: a Double-Edged Sword in Human Health. mSphere. 2020;5(5).
10. Finlay BB, Amato KR, Azad M, Blaser MJ, Bosch TCG, Chu H, et al. The hygiene hypothesis, the COVID pandemic, and consequences for the human microbiome. Proc Natl Acad Sci U S A. 2021;118(6).