

Fontes

1. WHO Antimicrobial Resistance; Oct 2020; <https://www.who.int/news-room/fact-sheets/detail/antimicrobial-resistance>
2. [Kho ZY, Lal SK. The Human Gut Microbiome - A Potential Controller of Wellness and Disease. *Front Microbiol.* 2018 Aug 14;9:1835.](#)
3. [Levy M, Kolodziejczyk AA, Thaiss CA, et al. Dysbiosis and the immune system. *Nat Rev Immunol.* 2017;17\(4\):219-232.](#)
4. [Park SY, Kim HS, Lee SH, et al. Characterization and Analysis of the Skin Microbiota in Acne: Impact of Systemic Antibiotics. *J Clin Med.* 2020;9\(1\):168.](#)
5. [Chung KF. Airway microbial dysbiosis in asthmatic patients: A target for prevention and treatment? *J Allergy Clin Immunol.* 2017;139\(4\):1071- 1081.](#)
6. [Teo SM, Mok D, Pham K, et al. The infant nasopharyngeal microbiome impacts severity of lower respiratory infection and risk of asthma development. *Cell Host Microbe.* 2015;17\(5\):704-715.](#)
7. [Klein RD, Hultgren SJ. Urinary tract infections: microbial pathogenesis, host-pathogen interactions and new treatment strategies. *Nat Rev Microbiol.* 2020;18\(4\):211-226.](#)
8. [Shukla A, Sobel JD. Vulvovaginitis Caused by Candida Species Following Antibiotic Exposure. *Curr Infect Dis Rep.* 2019 Nov 9;21\(11\):44.](#)
9. [McFarland LV, Ozen M, Dinleyici EC et al. Comparison of pediatric and adult antibiotic-associated diarrhea and Clostridium difficile infections. *World J Gastroenterol.* 2016;22\(11\):3078-3104.](#)
10. [Bartlett JG. Clinical practice. Antibiotic-associated diarrhea. *N Engl J Med* 2002;346:334-9.](#)
11. [Theriot CM, Young VB. Interactions Between the Gastrointestinal Microbiome and Clostridium difficile. *Annu Rev Microbiol.* 2015;69:445-461](#)
12. [Aires J. First 1000 Days of Life: Consequences of Antibiotics on Gut Microbiota. *Front Microbiol.* 2021 May 19;](#)
13. [Queen J, Zhang J, Sears CL. Oral antibiotic use and chronic disease: long-term health impact beyond antimicrobial resistance and Clostridioides difficile. *Gut Microbes.* 2020;11\(4\):1092-1103.](#)
14. Centers for Disease Control and Prevention; Patient Education and Promotional Resources https://www.cdc.gov/antibiotic-use/community/pdfs/aaw/au_improving-antibiotics-infographic_8_5x11_508.pdf
15. [World Antimicrobial Awareness Week](#)