

DAFTAR PUSTAKA

1. Woolf A, Rose R. Gastric Ulcer. 2023.
2. Serafim C, Araruna ME, Júnior EA, Diniz M, Hiruma-Lima C, Batista L. A Review of the Role of Flavonoids in Peptic Ulcer (2010–2020). *Molecules*. 2020 Nov 20;25(22):5431.
3. Malik TF, Gnanapandithan K, Singh K. Peptic Ulcer Disease. 2023.
4. Abbasi-Kangevari M, Ahmadi N, Fattahi N, Rezaei N, Malekpour MR, Ghamari SH, et al. Quality of care of peptic ulcer disease worldwide: A systematic analysis for the global burden of disease study 1990–2019. *PLoS One*. 2022 Aug 1;17(8):e0271284.
5. Miftahussurur M, Waskito LA, Fauzia KA, Mahmudah I, Doohan D, Adnyana IK, et al. Overview of *Helicobacter pylori* Infection in Indonesia: What Distinguishes It from Countries with High Gastric Cancer Incidence? *Gut Liver*. 2021 Sep 15;15(5):653–65.
6. Christensen S, Riis A, Nørgaard M, Sørensen HT, Thomsen RW. Short-term mortality after perforated or bleeding peptic ulcer among elderly patients: a population-based cohort study. *BMC Geriatr*. 2007 Dec 17;7(1):8.
7. Ari F Syam, M Abdullah, D Makmun, MK Simadibrata, D Djojongrat. The Causes of Upper Gastrointestinal Bleeding in the National Referral Hospital: Evaluation on Upper Gastrointestinal Tract Endoscopic Result in Five Years Period. [cited 2024 Feb 8]; Available from: <https://media.neliti.com/media/publications/67828-EN-the-causes-of-upper-gastrointestinal-ble.pdf>
8. Nath AN, Retnakumar RJ, Francis A, Chhetri P, Thapa N, Chattopadhyay S. Peptic Ulcer and Gastric Cancer: Is It All in the Complex Host–Microbiome Interplay That Is Encoded in the Genomes of “Us” and “Them”? Vol. 13, *Frontiers in Microbiology*. Frontiers Media S.A.; 2022.
9. Nath AN, Retnakumar RJ, Francis A, Chhetri P, Thapa N, Chattopadhyay S. Peptic Ulcer and Gastric Cancer: Is It All in the Complex Host–Microbiome Interplay That Is Encoded in the Genomes of “Us” and “Them”? Vol. 13, *Frontiers in Microbiology*. Frontiers Media S.A.; 2022.
10. Yang J, Zhou X, Liu X, Ling Z, Ji F. Role of the Gastric Microbiome in Gastric Cancer: From Carcinogenesis to Treatment. Vol. 12, *Frontiers in Microbiology*. Frontiers Media S.A.; 2021.
11. Gupta VK, Paul S, Dutta C. Geography, Ethnicity or Subsistence-Specific Factors in Human Microbiome Composition and Diversity. *Front Microbiol*. 2022 Mar 14;2022:1–11.



13. Yang J, Zhou X, Liu X, Ling Z, Ji F. Role of the Gastric Microbiome in Gastric Cancer: From Carcinogenesis to Treatment. *Front Microbiol.* 2021 Mar 15;12.
14. Miftahussurur M, Waskito LA, El-Serag HB, Ajami NJ, Nusi IA, Syam AF, et al. Gastric microbiota and *Helicobacter pylori* in Indonesian population. *Helicobacter.* 2020 Aug 12;25(4).
15. Mustafa M, Menon J, Muiandy RK, Fredie R, Fariz A. Risk Factors, Diagnosis, and Management of Peptic ulcer Disease. *IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)* e-ISSN [Internet]. 2015;14(7):40–6. Available from: www.iosrjournals.org
16. Dawood K, Mamdooh I. Pathophysiology of *H. pylori*. In: *Esophagitis and Gastritis - Recent Updates.* IntechOpen; 2021.
17. Xu C, Soyfoo DM, Wu Y, Xu S. Virulence of *Helicobacter pylori* outer membrane proteins: an updated review. *European Journal of Clinical Microbiology & Infectious Diseases.* 2020 Oct 17;39(10):1821–30.
18. Lanasa A, Chan FKL. Peptic ulcer disease. *The Lancet.* 2017 Aug;390(10094):613–24.
19. Miftahussurur M, Waskito LA, Fauzia KA, Mahmudah I, Doohan D, Adnyana IK, et al. Overview of *Helicobacter pylori* Infection in Indonesia: What Distinguishes It from Countries with High Gastric Cancer Incidence? *Gut Liver.* 2021 Sep 15;15(5):653–65.
20. Kakushima N, Yahagi N, Fujishiro M, Kodashima S, Nakamura M, Omata M. The Influence of *H. pylori* Infection on the Healing Process of Gastric Ulcers After Endoscopic Submucosal Dissection. *Gastrointest Endosc.* 2005 Apr;61(5):AB168.
21. Kajiura S, Hosokawa A, Ueda A, Mihara H, Ando T, Fujinami H, et al. Effective healing of endoscopic submucosal dissection-induced ulcers by a single week of proton pump inhibitor treatment: a retrospective study. *BMC Res Notes.* 2015 Dec 15;8(1):150.
22. Park JW, Kim MK, Park SM. Influence of *Helicobacter pylori* Colonization on Histological Grading of Chronic Gastritis in Korean Patients with peptic Ulcer. *Korean J Intern Med.* 1995 Jul 31;10(2):125–9.
23. McEvoy L, Carr DF, Pirmohamed M. Pharmacogenomics of NSAID-Induced Upper Gastrointestinal Toxicity. Vol. 12, *Frontiers in Pharmacology.* Frontiers Media S.A.; 2021.
24. Mabe K, Takahashi M, Oizumi H, Tsukuma H, Shibata A, Fukase K, et al. Does *Helicobacter pylori* eradication therapy for peptic ulcer prevent gastric cancer? *World J Gastroenterol.* 2009;15(34):4290.
25. Ubukata H, Nagata H, Tabuchi T, Konishi S, Kasuga T, Tabuchi T. Why is the coexistence of gastric cancer and duodenal ulcer rare? Examination of factors related to both gastric cancer and duodenal ulcer. *Gastric Cancer.* 2011 Mar;14(1):4–12.
26. Sheh A, Fox JG. The role of the gastrointestinal microbiome in *Helicobacter* carcinogenesis. *Gut Microbes.* 2013;4(6):505–31.
27. Hosokawa A, Ueda A, Mihara H, Ando T, Fujinami H, et al. Effective healing of endoscopic submucosal dissection-induced ulcers by a single week of proton pump inhibitor treatment: A retrospective study. *BMC Res Notes.* 2015 Dec 15;8(1):150.



28. Babin A. Interrelation: gastric microbiota - acid-dependent diseases, and more.... Med Pharm Rep. 2022 Apr 8;94(3):S12–8.
29. Minalyan A, Gabrielyan L, Scott D, Jacobs J, Pisegna JR. The Gastric and Intestinal Microbiome: Role of Proton Pump Inhibitors. Curr Gastroenterol Rep. 2017 Aug;19(8):42.
30. Aggarwal N, Kitano S, Pua H GR, Kittelmann S, Hwang IY, Chang MW. Microbiome and Human Health: Current Understanding, Engineering, and Enabling Technologies. Chem Rev. 2023 Jan 11;123(1):31–72.
31. Liatsos C, Papaefthymiou A, Kyriakos N, Galanopoulos M, Doulberis M, Giakoumis M, et al. Helicobacter pylori, gastric microbiota and gastric cancer relationship: Unrolling the tangle. World J Gastrointest Oncol. 2022 May 15;14(5):959–72.
32. Klymiuk I, Bilgiler C, Stadlmann A, Thannesberger J, Kastner MT, Högenauer C, et al. The Human Gastric Microbiome Is Predicated upon Infection with Helicobacter pylori. Front Microbiol. 2017 Dec 14;8.
33. Gantuya B, El Serag HB, Matsumoto T, Ajami NJ, Uchida T, Oyuntsetseg K, et al. Gastric mucosal microbiota in a Mongolian population with gastric cancer and precursor conditions. Aliment Pharmacol Ther. 2020 Apr;51(8):770–80.
34. Devi TB, Devadas K, George M, Gandhimathi A, Chouhan D, Retnakumar RJ, et al. Low Bifidobacterium Abundance in the Lower Gut Microbiota Is Associated With Helicobacter pylori-Related Gastric Ulcer and Gastric Cancer. Front Microbiol. 2021;12:631140.
35. Li J, Perez Perez G. Is There a Role for the Non-Helicobacter pylori Bacteria in the Risk of Developing Gastric Cancer? Int J Mol Sci. 2018 May 3;19(5):1353.
36. Shin CM, Kim N, Park JH, Lee DH. Changes in Gastric Corpus Microbiota With Age and After Helicobacter pylori Eradication: A Long-Term Follow-Up Study. Front Microbiol. 2021 Feb 9;11.
37. Zheng W, Zhu Z, Ying J, Long G, Chen B, Peng K, et al. The Effects of Helicobacter pylori Infection on Gastric Microbiota in Children With Duodenal Ulcer. Front Microbiol. 2022 Apr 25;13.
38. Ozbey G, Sproston E, Hanafiah A. Helicobacter pylori Infection and Gastric Microbiota. Euroasian J Hepatogastroenterol. 2020;10(1):36–41.
39. Kangwan N. Quality of healing of gastric ulcers: Natural products beyond acid suppression. World J Gastrointest Pathophysiol. 2014;5(1):40.
40. Hu WH, Lam S. Helicobacter pylori and dyspepsia: Still an unresolved controversy? J Gastroenterol Hepatol. 2000 May 25;15(5):470–2.
41. Iliev H, Dimitrova Kovacheva-Slavova M, Asenov Angelov T, Yankov Valkov H, Bedran A, Georgiev Vladimirov B. Gastric Microbiota: Between Health and Disease. In: Gastrointestinal Stomas. IntechOpen; 2019.
42. Eun CS, Kim BK, Han DS, Kim SY, Kim KM, Choi BY, et al. Differences in Gastric Mucosal Microbiota Profiling in Patients with Chronic Gastritis, Intestinal Metaplasia, and Gastric Cancer Using Pyrosequencing Methods. Helicobacter. 2023;19(6):407–16.
43. Ghoshal UC, Patil GK, Ghoshal UC. Helicobacter pylori-Induced Inflammation: Factors Modulating the Risk of Gastric Cancer. Pathogens. 2021 Aug 10;10(8):1099.



44. Yang J, Zhou X, Liu X, Ling Z, Ji F. Role of the Gastric Microbiome in Gastric Cancer: From Carcinogenesis to Treatment. *Front Microbiol.* 2021;12:641322.
45. Alm RA, Bina J, Andrews BM, Doig P, Hancock REW, Trust TJ. Comparative Genomics of *Helicobacter pylori*: Analysis of the Outer Membrane Protein Families. *Infect Immun.* 2000 Jul;68(7):4155–68.
46. Sousa SA, Morad M, Feliciano JR, Pita T, Nady S, El-Hennamy RE, et al. The Burkholderia cenocepacia OmpA-like protein BCAL2958: identification, characterization, and detection of anti-BCAL2958 antibodies in serum from B. cepacia complex-infected Cystic Fibrosis patients. *AMB Express.* 2016 Dec 21;6(1):41.
47. Ofori-Darko E, Zavros Y, Rieder G, Tarlé SA, Van Antwerp M, Merchant JL. An OmpA-Like Protein from *Acinetobacter* spp. Stimulates Gastrin and Interleukin-8 Promoters. *Infect Immun.* 2000 Jun;68(6):3657–66.
48. Park C, Kim SB, Choi SH, Kim S. Comparison of 16S rRNA Gene Based Microbial Profiling Using Five Next-Generation Sequencers and Various Primers. *Front Microbiol.* 2021 Oct 14;12.
49. Hagemann IS. Overview of Technical Aspects and Chemistries of Next-Generation Sequencing. In: *Clinical Genomics.* Elsevier; 2015. p. 3–19.
50. Chen L, Cai Y, Zhou G, Shi X, Su J, Chen G, et al. Rapid Sanger Sequencing of the 16S rRNA Gene for Identification of Some Common Pathogens. *PLoS One.* 2014 Feb 14;9(2):e88886.
51. Périco LL, Emílio-Silva MT, Ohara R, Rodrigues VP, Bueno G, Barbosa-Filho JM, et al. Systematic Analysis of Monoterpenes: Advances and Challenges in the Treatment of Peptic Ulcer Diseases. *Biomolecules.* 2020 Feb 10;10(2).
52. Menassa N, Bosshard PP, Kaufmann C, Grimm C, Auffarth GU, Thiel MA. Rapid Detection of Fungal Keratitis with DNA-Stabilizing FTA Filter Paper. *Investigative Ophthalmology & Visual Science.* 2010 Apr 1;51(4):1905.
53. Xie X, Ren K, Zhou Z, Dang C, Zhang H. The global, regional and national burden of peptic ulcer disease from 1990 to 2019: a population-based study. *BMC Gastroenterol.* 2022 Feb 10;22(1):58.
54. Kim YS, Lee J, Shin A, Lee JM, Park JH, Jung HY. A Nationwide Cohort Study Shows a Sex-Dependent Change in the Trend of Peptic Ulcer Bleeding Incidence in Korea between 2006 and 2015. *Gut Liver.* 2021 Jul 15;15(4):537–45.
55. Khosravi Y, Dieye Y, Poh BH, Ng CG, Loke MF, Goh KL, et al. Culturable bacterial microbiota of the stomach of *Helicobacter pylori* positive and negative gastric disease patients. *ScientificWorldJournal.* 2014;2014:610421.
56. Durkin E, Moran AP, Hanson PJ. Apoptosis induction in gastric mucous cells in vitro: Lesser potency of *Helicobacter pylori* than *Escherichia coli* lipopolysaccharide, but positive interaction with ibuprofen. *J Endotoxin Res.* 2006;12(1):47–56.
57. Aziz S, Rasheed F, Akhter TS, Zahra R, König S. Microbial Proteins in Stomach Associated with Gastritis, Ulcer, and Gastric Cancer. *Molecules.* 2022 7(17):5410.
- Tirthani E, Lesho E. *Stenotrophomonas Maltophilia.* 2023.



59. Jo HJ, Kim J, Kim N, Park JH, Nam RH, Seok Y, et al. Analysis of Gastric Microbiota by Pyrosequencing: Minor Role of Bacteria Other Than *Helicobacter pylori* in the Gastric Carcinogenesis. *Helicobacter*. 2016 Oct 24;21(5):364–74.
60. Wang D, Zhang T, Lu Y, Wang C, Wu Y, Li J, et al. *Helicobacter pylori* infection affects the human gastric microbiome, as revealed by metagenomic sequencing. *FEBS Open Bio*. 2022 Jun 25;12(6):1188–96.
61. Agri H, Karthikeyan R, Kiranmayee B, Jayakumar V, Yadav A, OR VK, et al. *Stenotrophomonas maltophilia*: An Overlooked Enemy Disguised as a Friend. *Acta Scientific Microbiology*. 2022 Nov 1;68–80.
62. Rathinavelu S, Zavros Y, Merchant JL. *Acinetobacter lwoffii* infection and gastritis. *Microbes Infect*. 2003 Jun;5(7):651–7.
63. Zavros Y, Rieder G, Ferguson A, Merchant JL. Gastritis and Hypergastrinemia Due to *Acinetobacter lwoffii* in Mice. *Infect Immun*. 2002 May;70(5):2630–9.
64. Chen X, Xia C, Li Q, Jin L, Zheng L, Wu Z. Comparisons Between Bacterial Communities in Mucosa in Patients With Gastric Antrum Ulcer and a Duodenal Ulcer. *Front Cell Infect Microbiol*. 2018 May 8;8.
65. Precup G, Vodnar DC. Gut *Prevotella* as a possible biomarker of diet and its eubiotic versus dysbiotic roles: a comprehensive literature review. *British Journal of Nutrition*. 2019 Jul 28;122(2):131–40.
66. Keller R, Pedroso MZ, Ritchmann R, Silva RM. Occurrence of virulence-associated properties in *Enterobacter cloacae*. *Infect Immun*. 1998 Feb;66(2):645–9.
67. Wang D, Li Y, Zhong H, Ding Q, Lin Y, Tang S, et al. Alterations in the human gut microbiome associated with *Helicobacter pylori* infection. *FEBS Open Bio*. 2019 Sep 10;9(9):1552–60.
68. Zhang J, Hu Y, Wu L, Zeng Q, Hu B, Luo Z, et al. Causal effect of gut microbiota on Gastroduodenal ulcer: a two-sample Mendelian randomization study. *Front Cell Infect Microbiol*. 2023 Dec 8;13.
69. Romano M, Gravina AG, Eusebi LH, Pellegrino R, Palladino G, Frazzoni L, et al. Management of *Helicobacter pylori* infection: Guidelines of the Italian Society of Gastroenterology (SIGE) and the Italian Society of Digestive Endoscopy (SIED). *Digestive and Liver Disease*. 2022 Sep;54(9):1153–61.
70. Lin CH, Hsu PI, Tseng CD, Chao PJ, Wu IT, Ghose S, et al. Application of artificial intelligence in endoscopic image analysis for the diagnosis of a gastric cancer pathogen-*Helicobacter pylori* infection. *Sci Rep*. 2023 Dec 1;13(1).
71. Hsieh YY, Tung SY, Pan HY, Yen CW, Xu HW, Lin YJ, et al. Increased Abundance of *Clostridium* and *Fusobacterium* in Gastric Microbiota of Patients with Gastric Cancer in Taiwan. *Sci Rep*. 2018 Jan 9;8(1):158.
72. Mercieca T, Bornes S, Nakusi L, Theil S, Rendueles O, Forestier C, et al. Role of *Klebsiella pneumoniae* Type VI secretion system (T6SS) in long-term gastrointestinal colonization. *Sci Rep*. 2022 Oct 10;12(1):16968.



73. Berger N, Hetland MAK, Svendsen K, Småbrekke L, Löhr IH, Andreassen al. Gastrointestinal carriage of *Klebsiella pneumoniae* in a general adult population: a cross-sectional study of risk factors and bacterial genomic diversity. *Gut*. 2021 Jan 1;13(1).

74. Zhou S, Li C, Liu L, Yuan Q, Miao J, Wang H, et al. Gastric microbiota: an emerging player in gastric cancer. *Front Microbiol.* 2023 Apr 27;14.
75. Yang J, Zhou X, Liu X, Ling Z, Ji F. Role of the Gastric Microbiome in Gastric Cancer: From Carcinogenesis to Treatment. *Front Microbiol.* 2021 Mar 15;12.
76. Lofgren JL, Whary MT, Ge Z, Muthupalani S, Taylor NS, Mobley M, et al. Lack of Commensal Flora in *Helicobacter pylori*-Infected INS-GAS Mice Reduces Gastritis and Delays Intraepithelial Neoplasia. *Gastroenterology.* 2011 Jan;140(1):210-220.e4.
77. Wu K, Luo Q, Liu Y, Li A, Xia D, Sun X. Causal relationship between gut microbiota and gastrointestinal diseases: a mendelian randomization study. *J Transl Med.* 2024 Jan 23;22(1):92.
78. Kaito S, Sekiya N, Najima Y, Sano N, Horiguchi S, Kakihana K, et al. Fatal Neutropenic Enterocolitis Caused by *Stenotrophomonas maltophilia*: A Rare and Underrecognized Entity. *Internal Medicine.* 2018 Dec 15;57(24):3667–71.
79. Ariadna Cruz-Córdova, Verónica Esteban-Kenel, Karina Espinosa-Mazariego, Sara A. Ochoa, Sarbelio Moreno Espinosa. Pathogenic determinants of clinical *Klebsiella pneumoniae* strains associated with their persistence in the hospital environment. *Boletín Médico del Hospital Infantil de México (English Edition).* 2014;71(1):15–24.
80. Tsung-Jung Tsai, Yuan-Horng Yan, Ching-Hsiu Huang, Chi-Wen Tu. Gastric Ulcer Perforation with Subsequent Gastric Wall Abscess Mimicking Submucosal Tumor Detected by Endoscopic Ultrasound. Taiwan; 2008.
81. Bashar FR, Doosti Z, Chouhdari A, Shokouhi S, Torabian S, Sahraei Z, et al. Bacteriologic evaluation of ventilator-associated pneumonia according to stress related mucosal disease prophylaxis in the intensive care unit. *Arch Clin Infect Dis.* 2018 Dec 1;13(6).
82. Adnan M, Khan S, Patel M, Al-Shammari E, Ashankyty IMA. *Agrobacterium*. *Reviews in Medical Microbiology.* 2013 Oct;24(4):94–7.
83. Liu H, Shiver AL, Price MN, Carlson HK, Trotter V V., Chen Y, et al. Functional genetics of human gut commensal *Bacteroides thetaiotaomicron* reveals metabolic requirements for growth across environments. *Cell Rep.* 2021 Mar;34(9):108789.
84. Mentis AFA, Boziki M, Grigoriadis N, Papavassiliou AG. *Helicobacter pylori* infection and gastric cancer biology: tempering a double-edged sword. *Cellular and Molecular Life Sciences.* 2019 Jul 19;76(13):2477–86.
85. Wójcicki M, Chmielarczyk A, Świder O, Średnicka P, Strus M, Kasperski T, et al. Bacterial Pathogens in the Food Industry: Antibiotic Resistance and Virulence Factors of *Salmonella enterica* Strains Isolated from Food Chain Links. *Pathogens.* 2022 Nov 10;11(11):1323.
86. Hata H, Natori T, Mizuno T, Kanazawa I, Eldesouky I, Hayashi M, et al. Phylogenetics of family *Enterobacteriaceae* and proposal to reclassify *Escherichia hermannii* and *Salmonella subterranea* as *Atlantibacter hermannii* and *Atlantibacter subterranea* gen. nov., comb. nov. *Microbiol Immunol.* 2016 Jun;60(5):303–11.
87. Deng RM, Li X, Xu X, Chen G. The role of nitric oxide in peptic ulcer: a review. *Med Gas Res.* 2021;11(1):42.



88. Zayet S, Lang S, Garnier P, Pierron A, Plantin J, Toko L, et al. *Leclercia adecarboxylata* as Emerging Pathogen in Human Infections: Clinical Features and Antimicrobial Susceptibility Testing. *Pathogens*. 2021 Oct 28;10(11):1399.
89. Kashani A, Chitsazan M, Che K, Garrison RC. *Leclercia adecarboxylata* Bacteremia in a Patient with Ulcerative Colitis. *Case Rep Gastrointest Med*. 2014;2014:1–4.
90. Hitch TCA, Bisdorf K, Afrizal A, Riedel T, Overmann J, Strowig T, et al. A taxonomic note on the genus *Prevotella*: Description of four novel genera and emended description of the genera *Hallella* and *Xylanibacter*. *Syst Appl Microbiol*. 2022 Nov;45(6):126354.
91. Chen XH, Wang A, Chu AN, Gong YH, Yuan Y. Mucosa-Associated Microbiota in Gastric Cancer Tissues Compared With Non-cancer Tissues. *Front Microbiol*. 2019 Jun 5;10.
92. Sato T, Sulistyani H, Kamaguchi A, Miyakawa H, Nakazawa F. Hemolysin of *Prevotella oris*: Purification and characteristics. *J Oral Biosci*. 2013 Aug;55(3):149–54.
93. Lazarev VF, Guzhova I V., Margulis BA. Glyceraldehyde-3-phosphate Dehydrogenase Is a Multifaceted Therapeutic Target. *Pharmaceutics*. 2020 May 2;12(5):416.
94. Miftahussurur M, Dewi C, Putri M, Sugihartono T, Syam AF, Purbayu H, et al. Urease Levels and Gastritis Stage in Dyspeptic Patients. Vol. 54, *Acta Med Indones-Indones J Intern Med* •. 2022.
95. Jabbar Sekhi R, Abbas Aboud AL-Samarrae I. ISOLATION AND CHARACTERIZATION OF *CITROBACTER FREUNDII* FROM SHEEP AND DETECT SOME OF THEIR VIRULENCE GENE USING PCR TECHNIQUE. *European Scholar Journal (ESJ)* [Internet]. Available from: <https://www.scholarzest.com>
96. Hudault S, Guignot J, Servin AL. *Escherichia coli* strains colonising the gastrointestinal tract protect germfree mice against *Salmonella typhimurium* infection [Internet]. Vol. 49, *Gut*. 2001. Available from: www.gutjnl.com
97. Morin N, Lanneluc I, Connil N, Cottenceau M, Pons AM, Sablé S. Mechanism of bactericidal activity of microcin L in *Escherichia coli* and *Salmonella enterica*. *Antimicrob Agents Chemother*. 2011 Mar;55(3):997–1007.
98. Lim ES, Nam SJ, Koo OK, Kim JS. Protective role of *Acinetobacter* and *Bacillus* for *Escherichia coli* O157:H7 in biofilms against sodium hypochlorite and extracellular matrix-degrading enzymes. *Food Microbiol*. 2023 Feb;109:104125.
99. Goel N, Fatima SW, Kumar S, Sinha R, Khare SK. Antimicrobial resistance in biofilms: Exploring marine actinobacteria as a potential source of antibiotics and biofilm inhibitors. *Biotechnology Reports*. 2021 Jun;30:e00613.
100. Iljazovic A, Roy U, Gálvez EJC, Lesker TR, Zhao B, Gronow A, et al. Perturbation of the gut microbiome by *Prevotella* spp. enhances host susceptibility to inflammation. *Mucosal Immunol*. 2021 Jan 1;14(1):113–24.
101. F, Hehemann JH, Rebuffet E, Czjzek M, Michel G. Environmental and eukaryotes: The Food Connection. *Front Microbiol*. 2011;2.
102. r A, Bielefeldt-Ohmann H, Schweizer H, Dow S. Persistent Gastric Infection with *Burkholderia pseudomallei* and Dissemination from the



Gastrointestinal Tract following Mucosal Inoculation of Mice. PLoS One. 2012 May 18;7(5):e37324.

103. Khosravi Y, Dieye Y, Poh BH, Ng CG, Loke MF, Goh KL, et al. Culturable Bacterial Microbiota of the Stomach of *Helicobacter pylori* Positive and Negative Gastric Disease Patients. The Scientific World Journal. 2014;2014:1–10.
 104. Rofeal M, Abdelmalek F, Pietrasik J, Steinbüchel A. Sustainable curdolan biosynthesis by *Rahnella variigena* ICRI91 via alkaline hydrolysis of *Musa sapientum* peels and its edible, active and modified hydrogel for Quercetin controlled release. Int J Biol Macromol. 2023 Jan;225:416–29.
 105. Sung JJY, Coker OO, Chu E, Szeto CH, Luk STY, Lau HCH, et al. Gastric microbes associated with gastric inflammation, atrophy and intestinal metaplasia 1 year after *Helicobacter pylori* eradication. Gut. 2020 Sep;69(9):1572–81.
 106. Jeon HJ, Lee JS, Lee BS, Kim SH, Lee ES, Sung JK, et al. Typhoid fever presenting with gastric ulcer bleeding. BMC Gastroenterol. 2022 Dec 10;22(1):116.
 107. Cuzzo S, de Moreno de LeBlanc A, LeBlanc JG, Hoffmann N, Tortella GR. *Streptomyces* genus as a source of probiotics and its potential for its use in health. Microbiol Res. 2023 Jan;266:127248.
 108. Rosly SA, Sasidharan S, Lai NS. Anti- *Helicobacter pylori* activity of crude acetic extracts of *Streptomyces* sp. H7372. Asian Pac J Trop Dis. 2014 Jun;4(3):247.
 109. Narayanan M, Reddy KM, Marsicano E. Peptic Ulcer Disease and *Helicobacter pylori* infection. Mo Med. 2018;115(3):219–24.
 110. John DeBanto, Sean P. Caufield, Theodore W. Schafer. Peptic Ulcer Disease Overview. American College Of Gastroenterology. 2021.
 111. Mohamad CWSR, Arip YM, Manaf UA, Markon MA. Radar plot analysis of *Helicobacter pylori* detection in North Peninsular Malaysia. Bali Medical Journal. 2023 Aug 1;12(2):1867–71.
 112. Vesga FJ, Moreno Y, Ferrús MA, Campos C, Trespalacios AA. Detection of *Helicobacter pylori* in drinking water treatment plants in Bogotá, Colombia, using cultural and molecular techniques. Int J Hyg Environ Health. 2018 May;221(4):595–601.
 113. Chan HLY, Wu JCY, Chan FKL, Choi CL, Ching JYL, Lee YT, et al. Is non-*Helicobacter pylori*, non-NSAID peptic ulcer a common cause of upper GI bleeding? A prospective study of 977 patients. Gastrointest Endosc. 2001 Apr;53(4):438–42.
 114. Miftahussurur M, Oktaricha H, Sugihartono T. Clinical Outcome Controversy in *Helicobacter pylori* Infection. The Indonesian Journal of Gastroenterology, Hepatology, and Digestive Endoscopy. 2020 Sep 30;21(2):146–52.
 115. Miftahussurur M, Yamaoka Y. *Helicobacter pylori* virulence genes and host genetic polymorphisms as risk factors for peptic ulcer disease. Expert Rev Gastroenterol Hepatol. 2015 Dec 2;9(12):1535–47.
- LA, Rezkitha YAA, Vilaichone R Korn, Sugihartono T, Mustika S, Dewa Wibawa I, et al. The role of non-*Helicobacter pylori* bacteria in the etiology of gastroduodenal diseases. Gut Pathog. 2022 Dec 23;14(1):19.



117. Husebye E. The pathogenesis of gastrointestinal bacterial overgrowth. *Chemotherapy*. 2005;51 Suppl 1:1–22.



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