

DAFTAR PUSTAKA

- Akhavan, B. J., Khanna, N. R., & Vijhani, P. (2020). Amoxicillin. In *StatPearls [Internet]*. Statpearls Publishing. https://doi.org/10.1007/978-981-287-706-2_37
- Alcock, B. P., Raphenya, A. R., Lau, T. T. Y., Tsang, K. K., Bouchard, M., Edalatmand, A., Huynh, W., Nguyen, A. L. V., Cheng, A. A., Liu, S., Min, S. Y., Miroshnichenko, A., Tran, H. K., Werfalli, R. E., Nasir, J. A., Oloni, M., Speicher, D. J., Florescu, A., Singh, B., ... McArthur, A. G. (2020). CARD 2020: Antibiotic resistome surveillance with the comprehensive antibiotic resistance database. *Nucleic Acids Research*, 48(D1), D517–D525. <https://doi.org/10.1093/nar/gkz935>
- Aziz, R. K., Bartels, D., Best, A., DeJongh, M., Disz, T., Edwards, R. A., Formsma, K., Gerdes, S., Glass, E. M., Kubal, M., Meyer, F., Olsen, G. J., Olson, R., Osterman, A. L., Overbeek, R. A., McNeil, L. K., Paarmann, D., Paczian, T., Parrello, B., ... Zagnitko, O. (2008). The RAST Server: Rapid annotations using subsystems technology. *BMC Genomics*, 9. <https://doi.org/10.1186/1471-2164-9-75>
- Bankevich, A., Nurk, S., Antipov, D., Gurevich, A. A., Dvorkin, M., Kulikov, A. S., Lesin, V. M., Nikolenko, S. I., Pham, S., Prjibelski, A. D., Pyshkin, A. V., Sirotkin, A. V., Vyahhi, N., Tesler, G., Alekseyev, M. A., & Pevzner, P. A. (2012). SPAdes: A new genome assembly algorithm and its applications to single-cell sequencing. *Journal of Computational Biology*, 19(5), 455–477. <https://doi.org/10.1089/cmb.2012.0021>
- Behera, S. S., Ray, R. C., & Zdolec, N. (2018). Lactobacillus plantarum with Functional Properties: An Approach to Increase Safety and Shelf-Life of Fermented Foods. *BioMed Research International*, 2018. <https://doi.org/10.1155/2018/9361614>
- Bolger, A. M., Lohse, M., & Usadel, B. (2014). Trimmomatic: A flexible trimmer for Illumina sequence data. *Bioinformatics*, 30(15), 2114–2120. <https://doi.org/10.1093/bioinformatics/btu170>
- Brettin, T., Davis, J. J., Disz, T., Edwards, R. A., Gerdes, S., Olsen, G. J., Olson, R., Overbeek, R., Parrello, B., Pusch, G. D., Shukla, M., Thomason, J. A., Stevens, R., Vonstein, V., Wattam, A. R., & Xia, F. (2015). RASTtk: A modular and extensible implementation of the RAST algorithm for building custom annotation pipelines and annotating batches of genomes. *Scientific Reports*, 5. <https://doi.org/10.1038/srep08365>
- C Reygaert, W. (2018). An overview of the antimicrobial resistance mechanisms of bacteria. *AIMS Microbiology*, 4(3), 482–501. <https://doi.org/10.3934/microbiol.2018.3.482>
- Campedelli, I., Mathur, H., Salvetti, E., Clarke, S., Rea, M. C., Torriani, S., Ross, R. P., Hill, C., & O'Toole, P. W. (2019). Genus-wide assessment of antibiotic resistance in Lactobacillus spp. *Applied and Environmental Microbiology*,

- 85(1), 1–21. <https://doi.org/10.1128/AEM.01738-18>
- Carver, T., Harris, S. R., Berriman, M., Parkhill, J., & McQuillan, J. A. (2012). Artemis: An integrated platform for visualization and analysis of high-throughput sequence-based experimental data. *Bioinformatics*, 28(4), 464–469. <https://doi.org/10.1093/bioinformatics/btr703>
- Chopra, I., & Roberts, M. (2001). Tetracycline Antibiotics: Mode of Action, Applications, Molecular Biology, and Epidemiology of Bacterial Resistance. *Microbiology and Molecular Biology Reviews*, 65(2), 232–260. <https://doi.org/10.1128/mmbr.65.2.232-260.2001>
- Corsetti, A., & Gobbetti, M. (2002). LACTOBACILLUS spp. | Lactobacillus plantarum. *Encyclopedia of Dairy Sciences*, 1501–1507. <https://doi.org/10.1016/b0-12-227235-8/00242-x>
- Dadgostar, P. (2019). Antimicrobial resistance: implications and costs. *Infection and Drug Resistance*, 12, 3903–3910. <https://doi.org/10.2147/IDR.S234610>
- Darling, A. C. E., Mau, B., Blattner, F. R., & Perna, N. T. (2004). Mauve: Multiple alignment of conserved genomic sequence with rearrangements. *Genome Research*, 14(7), 1394–1403. <https://doi.org/10.1101/gr.2289704>
- Das, B., & Patra, S. (2017). Antimicrobials: Meeting the Challenges of Antibiotic Resistance Through Nanotechnology. In *Nanostructures for Antimicrobial Therapy: Nanostructures in Therapeutic Medicine Series* (pp. 1–22). Elsevier. <https://doi.org/10.1016/B978-0-323-46152-8.00001-9>
- Dec, M., Urban-Chmiel, R., Stępień-Pyśniak, D., & Wernicki, A. (2017). Assessment of antibiotic susceptibility in Lactobacillus isolates from chickens. *Gut Pathogens*, 9(1), 1–16. <https://doi.org/10.1186/s13099-017-0203-z>
- Goldstein, E. J. C., Tyrrell, K. L., & Citron, D. M. (2015). Lactobacillus species: Taxonomic complexity and controversial susceptibilities. *Clinical Infectious Diseases*, 60(Suppl 2), S98–S107. <https://doi.org/10.1093/cid/civ072>
- Gueimonde, M., Sánchez, B., Reyes-Gavilán, C. G. de los, & Margolles, A. (2013). Antibiotic resistance in probiotic bacteria. *Frontiers in Microbiology*, 4(JUL), 202. <https://doi.org/10.3389/fmicb.2013.00202>
- Imperial, I. C. V. J., & Ibana, J. A. (2016). Addressing the antibiotic resistance problem with probiotics: Reducing the risk of its double-edged sword effect. *Frontiers in Microbiology*, 7(DEC), 1–10. <https://doi.org/10.3389/fmicb.2016.01983>
- Kapoor, G., Saigal, S., & Elongavan, A. (2017). *Action and resistance mechanisms of antibiotics : A guide for clinicians Basic Anatomy of Bacterial Cell.* <https://doi.org/10.4103/joacp.JOACP>
- Kocaoglu, O., & Carlson, E. E. (2015). Profiling of β-lactam selectivity for penicillin-binding proteins in Escherichia coli strain DC2. *Antimicrobial Agents and Chemotherapy*, 59(5), 2785–2790. <https://doi.org/10.1128/AAC.04552-14>

- Lucena-aguilar, G., Mari, A., Barbera, C., Carrillo-a, A., & Lo, A. (2016). *DNA Source Selection for Downstream Applications Based on DNA Quality Indicators Analysis*. 14(4), 264–270. <https://doi.org/10.1089/bio.2015.0064>
- Markowiak, P., & Ślizewska, K. (2017). Effects of probiotics, prebiotics, and synbiotics on human health. *Nutrients*, 9(9). <https://doi.org/10.3390/nu9091021>
- Mathur, S., & Singh, R. (2005). Antibiotic resistance in food lactic acid bacteria - A review. In *International Journal of Food Microbiology* (Vol. 105, Issue 3, pp. 281–295). <https://doi.org/10.1016/j.ijfoodmicro.2005.03.008>
- Munita, J. M., Arias, C. A., Unit, A. R., & Santiago, A. De. (2016). HHS Public Access Mechanisms of Antibiotic Resistance. *HHS Public Access*, 4(2), 1–37. <https://doi.org/10.1128/microbiolspec.VMBF-0016-2015.Mechanisms>
- Nawaz, M., Wang, J., Zhou, A., Ma, C., Wu, X., Moore, J. E., Cherie Millar, B., & Xu, J. (2011). Characterization and transfer of antibiotic resistance in lactic acid bacteria from fermented food products. *Current Microbiology*, 62(3), 1081–1089. <https://doi.org/10.1007/s00284-010-9856-2>
- Opal, S. M., & Pop-Vicas, A. (2014). Molecular Mechanisms of Antibiotic Resistance in Bacteria. In *Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases* (Vol. 1, pp. 235–251). Elsevier Inc. <https://doi.org/10.1016/B978-1-4557-4801-3.00018-7>
- Overbeek, R., Olson, R., Pusch, G. D., Olsen, G. J., Davis, J. J., Disz, T., Edwards, R. A., Gerdes, S., Parrello, B., Shukla, M., Vonstein, V., Wattam, A. R., Xia, F., & Stevens, R. (2014). The SEED and the Rapid Annotation of microbial genomes using Subsystems Technology (RAST). *Nucleic Acids Research*, 42(D1). <https://doi.org/10.1093/nar/gkt1226>
- Papich, M. G. (2016). Tylosin. In *Saunders Handbook of Veterinary Drugs* (pp. 826–827). Elsevier. <https://doi.org/10.1016/B978-0-323-24485-5.00579-9>
- Pereira, V. C., Martins, A., Suppo de Souza Rugolo, L. M., & de Lourdes Ribeiro de Souza da Cunh, M. (2009). Detection of Oxacillin Resistance in *Staphylococcus aureus* Isolated from the Neonatal and Pediatric Units of a Brazilian Teaching Hospital . *Clinical Medicine. Pediatrics*, 3, CMPed.S2085. <https://doi.org/10.4137/cmped.s2085>
- Reid, G., Gadir, A. A., & Dhir, R. (2019). Probiotics: Reiterating what they are and what they are not. *Frontiers in Microbiology*, 10(MAR), 1–6. <https://doi.org/10.3389/fmicb.2019.00424>
- Rossolini, G. M., Arena, F., & Giani, T. (2017). Mechanisms of Antibacterial Resistance. In *Infectious Diseases* (pp. 1181-1196.e1). Elsevier. <https://doi.org/10.1016/b978-0-7020-6285-8.00138-6>
- Sharma, C., Gulati, S., Thakur, N., Singh, B. P., Gupta, S., Kaur, S., Mishra, S. K., Puniya, A. K., Gill, J. P. S., & Panwar, H. (2017). Antibiotic sensitivity pattern of indigenous lactobacilli isolated from curd and human milk samples. 3

- Biotech*, 7(1). <https://doi.org/10.1007/s13205-017-0682-0>
- Thai, T., Salisbury, B. H., & Zito, P. M. (2020). Ciprofloxacin. In *StatPearls*. StatPearls Publishing.
- van Bambeke, F., Mingeot-Leclercq, M.-P., Glupezynski, Y., & Tulkens, P. M. (2017). Mechanisms of Action. In *Infectious Diseases* (pp. 1162-1180.e1). Elsevier. <https://doi.org/10.1016/b978-0-7020-6285-8.00137-4>
- Vardanyan, R. S., & Hraby, V. J. (2006). 32 - *Antibiotics* (R. S. Vardanyan & V. J. B. T.-S. of E. D. Hraby (eds.); pp. 425–498). Elsevier. <https://doi.org/https://doi.org/10.1016/B978-044452166-8/50032-7>
- Wang, Y., Sun, J., Zhong, H., Li, N., Xu, H., Zhu, Q., & Liu, Y. (2017). Effect of probiotics on the meat flavour and gut microbiota of chicken. *Scientific Reports*, 7(1), 1–13. <https://doi.org/10.1038/s41598-017-06677-z>
- Zhou, J. S., Pillidge, C. J., Gopal, P. K., & Gill, H. S. (2005). Antibiotic susceptibility profiles of new probiotic Lactobacillus and Bifidobacterium strains. *International Journal of Food Microbiology*, 98(2), 211–217. <https://doi.org/10.1016/j.ijfoodmicro.2004.05.011>

