

DAFTAR PUSTAKA

- Amin, L. Z. (2015). Tatalaksana Diare Akut. *Continuing Medical Education*, 42 (7).
- Ashraf, K. and Sultan, S. (2017). A comprehensive review on *Curcuma longa* Linn.: Phytochemical, pharmacological and molecular study Kamran. *Journal of Pharmaceutical Research*, 11(4), 105.
- Azam, M. G., Noman, M. S. and Al-Amin, M. M. (2014). Phytochemical Screening and Antipyretic Effect of *Curcuma zedoaria* Rosc. (Zingiberaceae) rhizome. *British Journal of Pharmaceutical Research*, 4(5): 569-575.
- Bagchi A. (2011). Extraction of Curcumin. *Journal of Environmental Science, Toxicology and Food Technology*, Volume 1, Issue 3; PP 01-16.
- Balouri, M., Moulay, S. and Saad, K. I. (2016). Methods for in vitro evaluating antimicrobial activity: A review. *Journal of Pharmaceutical Analysis*, 6(2): 71-79.
- CDC Control and Prevention. (2011). Healthcare-Associated Infections (HAIs): General Information about *Staphylococcus aureus*. <https://www.cdc.gov/hai/organisms/staph.html>.
- CDC Control and Prevention. (2019). Healthcare-Associated Infections (HAIs): *Pseudomonas aeruginosa*. <https://www.cdc.gov/hai/organisms/pseudomonas.html>
- CDC Control and Prevention. (2022). *E. coli (Escherichia coli)*. <https://www.cdc.gov/ecoli/index.html>.
- Centers for Disease Control and Prevention's Public Health Image Library. (2014). *E. coli (Escherichia coli)*. <https://www.cdc.gov/ecoli/>.
- Chachad, D. P., Talpade, M. B. and Jagdale, S. P. (2016). Antimicrobial Activity of Rhizomes of *Curcuma zedoaria* Rosc. *International Journal of Science and Research (IJSR)*, 5(11).
- Darmadi. (2008). *Infeksi Nosokomial Problematika dan Pengendaliannya*. Jakarta: Salemba Medika.
- DiPiro, J. T., Kolesar, J. M., Malone, P. M., Wells, B. G., Schwinghammer, T. L. and Chisholm-Burns, M. A. (2016). *Pharmacotherapy Principles & Practice*, 4th ed. United States America: The Mc. Graw Hill Company.
- Davis, W. W. and T. R. Stout. (1971). Disc plate methods of microbiological antibiotic assay. *Microbiology*, 22(4): 659–665.
- Devi, N. B., Singh, P. K. and Das, A. K. (2014). Ethnomedicinal Utilization of Zingiberaceae in the Valley Districts of Manipur. *J. Environ. Sci. Toxicol. Food Technol.*, 8(2): 21–23.

- Dewi, A.K. (2013). Identifikasi dan Uji Sensitivitas *Staphylococcus aureus* Terhadap Amoxicillin dari Sampel Susu Kambing Peranakan Ettawa (PE) Penderita Mastitis di Wilayah Girimulyo, Kulonprogo, Yogyakarta. *Saint Veteriner*, 32(2): 138-150.
- Dutta, B. (2015). Study of secondary metabolite constituents and curcumin contents of six different species of genus *Curcuma*. *J. Med. Plants Stud*, 3(5), 116-119.
- Dwidjoseputro. (2005). Dasar - Dasar Mikrobiologi. Yogyakarta: Djambatan.
- Elfidasari, D., Anita, M. S., Grariani, N., Rugayah, S. dan Viki, S. (2011). Perbandingan Kualitas Es di Lingkungan Universitas Al Azhar Indonesia dengan Restoran Fast Food di Daerah Senayan dengan Indikator Jumlah *Escherichia coli* Terlarut. *Jurnal Al-Azhar Indonesia Seri Sains dan Teknologi*, Vol.1 (No.1).
- Eugster, Simon A. (2014). Turmeric (*Curcuma longa*): fresh rhizome and powder. https://id.wikipedia.org/wiki/Berkas:Curcuma_longa_roots.jpg#/media/Berkas:Curcuma_longa_roots.jpg.
- Gupta, A., Mahajan, S., dan Sharma, R. (2015). Evaluation of antimicrobial activity of *Curcuma longa* rhizome extract against *Staphylococcus aureus*. *Biotechnology reports*, 6, 51-55.
- Hadi, S., Artanti, A. N., Rinanto, Y., and Wahyuni, D. S. C. (2018). Curcuminoid content of mahadevi *Curcuma longa* L. and *Curcuma xanthorrhiza* rhizome based on drying method with NMR and HPLC-UVD. In *IOP Conference Series: Materials Science and Engineering* (Vol. 349, No. 1, p. 012058). IOP Publishing.
- Halder, S., Naskar, C., and Ghosh, A. Antibacterial potentialities of the extract of *Curcuma amada* Roxb. against a panel of pathogenic bacteria. *International Journal of Research and Analytical Reviews*, 5(2).
- Hamdi, O. A. A. and Satti R. (2017). A Sesquiterpenes From The Rhizomes of *Curcuma zedoaria* and Their Cytotoxicity Against Leukemic Cell Lines Jacknoon Neelain. *Journal of Science and Technology*, 1(1): 43-48.
- Hanuman. (2008). White turmeric, *Curcuma zedoaria* (ขมิ้นขาว; khamin khaao). <https://thaifoodmaster.com/ingredient/white-turmeric>.
- Harborne, J.B. (1987). Metode Fitokimi Penuntun Cara Modern Menganalisis. Edisi ke-2. Bandung: Institut Teknologi Bandung.
- Hariana. (2006). Tumbuhan Obat dan Khasiatnya. Jakarta: Penebar Swadaya Wisma Hijau.
- Indis, N. A. and Kurniawan, F. (2016). Determination of free radical scavenging activity from aqueous extract of *Curcuma mangga* by DPPH method. *Journal of Physics: Conference Series*, 710, 012043.

- Integrated Taxonomic Information System. (2010). Taxonomic Hierarchy: *Curcuma amada*. https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=506510#null [Diakses tanggal 19 Desember 2021].
- Integrated Taxonomic Information System. (2010). Taxonomic Hierarchy: *Curcuma zedoaria*. https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=506510#null [Diakses tanggal 19 Desember 2021].
- Islam, M., Hoshen, M. A., Ayshasiddeka, F. I., & Yeasmin, T. (2017). Antimicrobial, membrane stabilizing and thrombolytic activities of ethanolic extract of *Curcuma zedoaria* Rosc. Rhizome. *Journal of Pharmacognosy and Phytochemistry*, 6(5): 38-41.
- Jawetz, Melnick dan Adelberg. (2013). *Mikrobiologi Kedokteran*. Edisi 25. Jakarta: Salemba Medika.
- Jeon, W. Y., Lee M. Y., Shin I. S., Jin S. E., and Ha H. (2015). *Curcuma aromatica* Water Extract Attenuates Ethanol Induced Gastritis via Enhancement of Antioxidant Status. *Evidence-Based Complementary and Alternative Medicine*.
- Kasta, G. (2020). Antimicrobial activity of ethanol extract of rhizome turmeric (*Curcuma longa* L.) for growth of *Escherichia coli*, *Staphylococcus aureus* and *Candida albicans*. *Asian Journal of Pharmaceutical Research and Development*, 8(3), 5-8.
- Kaur, R., Kaur, B., Suttee, A., and Kalsi, V. (2018). Comparative assessment of in vitro antimicrobial activity of *curcuma caesia* roxb. And *curcuma amada* roxb. *Asian Journal of Pharmaceutical and Clinical Research*, 94-97.
- Kemenkes RI. (2020). *Profil Kesehatan Indonesia*. Jakarta: Kementerian Kesehatan Republik Indonesia.
- Korompis F Tjitrosantoso, H. dan Goenawi, L. R. (2013). Studi Penggunaan Obat Pada Penderita Diare Akut di Instalasi Rawat Inap BLU RSUP Prof. DR. R. D. Kandou Manado Periode Januari-Juni 2012. *Jurnal Ilmiah Farmasi-UNSRAT*, 2:42-50.
- Kotloff K. L. (2017). The burden and etiology of diarrheal illness in developing countries. *Pediatric Clinics of North America*. 64(4):799–814.
- Leibniz Institute DSMZ - German Collection of Microorganisms and Cell Cultures GmbH. (2015). DSMZ Prokarya Collection Catalogue: *Pseudomonas aeruginosa*. <https://www.gbif.org/occurrence/1831404327>.
- Leibniz Institute DSMZ - German Collection of Microorganisms and Cell Cultures GmbH. (2015). DSMZ Prokarya Collection Catalogue: *Staphylococcus aureus*. <https://www.gbif.org/occurrence/665515195>.

- Mahadevi, R. and R. Kavitha. (2020). Phytochemical and pharmacological properties of *Curcuma amada*: A Review. *International Journal of Research in Pharmaceutical Sciences*, 11(3): 3546-3555.
- Mukhtar, Sana and Ifra Ghor. (2012). Antibacterial Activity Of Aqueous And Ethanolic Extracts Of Garlic, Cinnamon And Turmeric Against *Escherichia Coli* Atcc 25922 And *Bacillus Subtilis* Dsm 3256. *International Journal of Applied Biology and Pharmaceutical Technology*, 3(2).
- Naksuriya, O., Okonogi, S., Schiffelers, R. M., and Hennink, W. E. (2014). Curcumin nanoformulations: a review of pharmaceutical properties and preclinical studies and clinical data related to cancer treatment. *Biomaterials*, 35(10), 3365-3383.
- Osman, A. G., A. G. Chittiboyani and I. A. Khan. (2016). Chapter Three - Cytoprotective Role of Dietary Phytochemicals Against Cancer Development via Induction of Phase II and Antioxidant Enzymes. *Advances in Molecular Toxicology*, Volume 10. Pages 99-137.
- Padalia, R. C., Verma, R. S., Sundaresan, V., Chauhan, A., Chanotiya, C. S. and Yadav, A. (2013). Volatile Terpenoid Compositions of Leaf and Rhizome of *Curcuma amada* Roxb. From Northern India. *J. Essential Oil Res.*, 25(1): 17–22.
- Pelczar dan Chan. (2012). *Dasar-Dasar Mikrobiologi*. Penerbit Universitas Indonesia: UI Press.
- Policegoudra, R. S., Rehna, K., Rao, L. J. and Aradhya, S. M. (2010). Antimicrobial, Antioxidant, Cytotoxicity and Platelet Aggregation Inhibitory Activity of a Novel Molecule Isolated and Characterized from Mango Ginger (*Curcuma amada* Roxb.) Rhizome. *Journal of Biosciences*, 35(2): 231–240.
- Prasetyo, A. E. dan Husen S. H. (2019). *Buku Ajar Mikrobiologi*. Purbalingga: Desa Pustaka Indonesia.
- Pratiwi. (2008). *Mikrobiologi Farmasi*. Jakarta: Erlangga.
- Rajkumari, Sanatombi and Sanatombi K. (2018). Nutritional value, phytochemical composition, and biological activities of edible *Curcuma* species: A review, *International Journal of Food Properties*.
- Rukmana, R. H. (1994). *Kunyit*. Yogyakarta: Canicius.
- Sahne, F., Mohammadi, M., Najafpour, G. D., and Moghadamnia, A. A. (2016). Extraction of bioactive compound curcumin from turmeric (*Curcuma longa* L.) via different routes: A comparative study. *Pakistan Journal of Biotechnology*, 13(3), 173-180.
- Setiabudy, R. (2007). Pengantar Antimikroba, dalam *Farmakologi dan Terapi Edisi 5*. Jakarta: Balai Penerbit FKUI.

- Setiati, S., Alwi I., Sudoyo A. W., Stiyohadi B. dan Syam A. F. (2014). *Buku Ajar Ilmu Penyakit Dalam jilid I-VI*. Jakarta: Interna Publishing.
- Siegrist, J. (2010). *Pseudomonas a Commuincative Bacteria, Mircrobiology. Focus*, 2(4): 2.
- Simanjuntak, H. A., Nababan, H., dan Gurning, K. (2020). Uji Aktivitas Antibakteri Ekstrak Etanol Herba Tumbuhan Balsem (*Polygala paniculata* L.) Terhadap Bakteri *Staphylococcus aureus* dan *Escherichia coli*. *Biologica Samudra*, 2(1), 60-65.
- Singh, N., Gupta, S., and Rathore, V. (2017). Comparative antimicrobial study of ethanolic extract of leaf and rhizome of *Curcuma longa* Linn. *Pharmacognosy Journal*, 9(2).
- Soekiman, S. (2016). *Infeksi Nosokomial Di Rumah Sakit-Hospital Nosocomial Infections*. Edisi Pertama. Edited by Mariyam. Surabaya: Sagung Seto.
- Sohee Eun, Inho Choi and Sang Hee Shim. (2010). A New Sesquiterpenoid from the Rhizome of *Curcuma zedoaria*. *Korean Chem. Soc.*, Vol. 31, No. 5 1387.
- Srivastava, S., Chitranshi, N., Srivastava, S., Dan, M. and Rawat, A. (2006). Pushpangadan, P. Pharmacognostic Evaluation of *Curcuma aeruginosa* Roxb. *Natural Product Sciences*, 12, 162.
- Sulaiman, F.A. N. Fuad, F. Rahman, A. Iqbal and D.S. Darnis. (2016). Antioxidant and Antimicrobial Properties of *Tinospora crispa* (Putarwali) Stems Methanolic Extract. *Jurnal Teknologi (Sciences & Engineering)*, 78(11-2).
- Syahrurachman, Agus, Chatim Aidilfiet, Amin Soebandrio W. K. dan Anis Karuniawati. (2010). *Buku Ajar Mikrobiologi Kedokteran*. Jakarta: Binarupa Aksara.
- Tariq S., Imran M., Mushtaq Z and Asghar N. (2016). Phytopreventive Anti Hypercholesterolmic and Antilipidemic Perspectives of Zedoary (*Curcuma zedoaria* Roscoe.) Herbal Tea. *Lipids in Health and Disease*, 15(39): 1-10.
- Thompson E.B. (1985). *Drug Bioscreening*. America: Graceway Publishing Company, Inc. America.
- Tyaningsih, W., R. Ratih, R. S. I. Erni, Suryanie, E. N. Suryanie, C. Sri dan H. Didik. (2010). *Buku Ajar Penyakit Infeksius 1*. Surabaya: Airlangga University Press.
- Udayakumar, R., Prema, D., and Kamaraj, M. (2015). Antimicrobial Activity Of Ethanolic Rhizome Extract Of *Curcuma amada* Roxb. (Mango Ginger).
- Vicharam. (2012). Roots of *Curcuma amada*. https://id.wikipedia.org/wiki/Temu_mangga#/media/Berkas:Roots_of_Curcuma_amada_3.JPG.
- Wikandari, P.R., Suparno, Marsono, Y. dan Rahayu, E.S. (2012). Karakterisasi bakteri asam laktat proteolitik pada bekasam. *Jurnal Natur Indonesia*, 14(2): 120-125.

- Wu, T., He, M., Zang, X., Zhou, Y., Qiu, T., Pan, S., and Xu, X. (2013). A structure–activity relationship study of flavonoids as inhibitors of *E. coli* by membrane interaction effect. *Biochimica et Biophysica Acta (BBA)-Biomembranes*, 1828(11), 2751-2756.
- Yadav and Kaliyaperumal. (2021)
- Yadav, R. P. and Tarun, G. (2017). Versatility of Turmeric: A Review the Golden Spice of Life. *Journal of Pharmacognosy and Phytochemistry*, Vol. 6, No. 1, pp.41- 46.
- Xiang, Z., Wang X., Cai X. and Zeng S. (2011). Metabolomics Study on Quality Control and Discrimination of Three *Curcuma* Species Based on Gas Chromatograph-Mass Spectrometry. *Phytochemical Anal.*, 22, 411–418.