

DAFTAR PUSTAKA

- Alba, S, Bakker, MI, Hatta, M, Scheelbeek, PFD, Dwiyanti, R, Usman, R, Sultan, AR, Sabir, M, Tandirogang, N, Amir, M, Yasir, Y, Pastoor, R, Beers, Sv, Smits, HL 2016, 'Risk factors of typhoid infection in the Indonesian archipelago', *PLoS ONE*, Vol. 11, no. 6, Juni 2016, diakses 7 Januari 2019. <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0155286>
- Amarantini, C 2016, 'Seleksi bakteri Salmonella typhi dari kultur darah penderita demam tifoid', *Prosiding Seminar Nasional Penelitian, Pendidikan dan Penerapan MIPA, Fakultas MIPA, Universitas Negeri Yogyakarta*, pp. 13–20, diakses 20 Juli 2018. https://www.researchgate.net/publication/281269417_SELEKSI_BAKTERI_SALMONELLA_TYPHI_DARI_KULTUR_DARAH_PENDERITA_DEMAM_TIFOID
- American Society of Health-System Pharmacists 2011, *AHFS Drug Information Essentials*. Bethesda, Maryland.
- Andino, A, Hanning, I 2015, 'Salmonella enterica: Survival, colonization, and virulence differences among serovars', *Scientific World Journal*, 2015, pp. 1-17 (online NCBI).
- Armedita, D, Asfrizal, V, Amir, M 2018, 'Aktivitas antibakteri ekstrak etanol daun, kulit batang, dan getah angkana (pterocarpus indicus willd) terhadap pertumbuhan Streptococcus mutans', *ODONTO Dental Journal*, Vol. 5, no. 1, Juli 2018, diakses 9 Januari 2019. <http://jurnal.unissula.ac.id/index.php/odj/article/download/2747/2136>
- Badan Pengawas Obat dan Makanan 2012, *Pedoman Teknologi Formulasi Sediaan Berbasis Ekstrak Volume 1*, Badan Pengawas Obat dan Makanan Republik Indonesia, Jakarta.
- Bankova, V, Bertelli, D, Borba, R, Conti, BJ, da Silva Cunha, IB, Danert, C, Eberlin, MN, Falcao, SI, Isla, MI, Moreno, MIN, Papotti, G, Popova, M, Santiago, KB, Salas, A, Sawaya, ACHF, Schwab, NV, Sforcin, JM, Simone-Fin-strom, M, Spivak, M, Trusheva, B, Vilas-Boas, M, Wilson, M, Zampini, C 2016, 'Standard methods for Apis mellifera propolis research', *Journal of Apicultural Research*, Vol. 58, no. 2, September 2016, diakses 20 Agustus 2018. <https://www.tandfonline.com/doi/full/10.1080/00218839.2016.1222661>
- Beekman, M, Oldroyd, BP 2018, 'Different bees , different needs : how nest-site requirements have shaped the decision-making processes in homeless honeybees (Apis spp .)', *The Royal Society Publishing*, pp. 1–9 (online NCBI).
- Bhutta, ZA, Ahmed, I, Als, D, Radhakrishnan, A, Qamar, F, Stanaway, J, Parry, C

- 2018, n.d., *Antimicrobial Resistance in Typhoid: implications for policy & immunization strategies*, diakses 9 Januari 2019. https://www.who.int/immunization/sage/meetings/2017/october/3_Bhutta_Typhoid_SAGE_16Oct2017.pdf
- Bogdanov, S 2016, 'Beeswax: Production, Properties, Composition, Control', *Bee Product Science*, April 2016, pp. 1-19, diakses 15 September 2018. https://www.researchgate.net/publication/304012435_Beeswax_Production_Properties_Composition_Control
- Borba, RS, Spivak, M 2017, 'Propolis envelope in Apis mellifera colonies supports honey bees against the pathogen , Paenibacillus larvae', *Scientific Reports*, Vol. 7, no. 1, September 2017, diakses 7 Maret 2019. <https://www.nature.com/articles/s41598-017-11689-w#rightslink>
- Brooks, GF, Karroll, KC, Butel, JS, Morse, SA, Mietzner, TA 2010, *Jawetz, Melnick, & Adelberg's Medical Microbiology 26 th Edition*, Mc Graw Hill, New York.
- Brown, A, Smith, H 2015, *Benson's Microbiological Applications Laboratory Manual in General Microbiology 13 th Edition*, McGraw-Hill, New York.
- Bula-Rudas, FJ, Rathore, MH, Maraqa, NF 2015, 'Salmonella Infections in Childhood', *Advances in Pediatrics*, Agustus, pp. 29–58 (online NCBI).
- Cappuccino, JG, Welsh, C 2018, *Microbiology a Laboratory Manual 11 th Edition*, Pearson, London.
- Cushnie, TPT, Cushnie, B, Lamb, AJ 2014, 'Alkaloids : An overview of their antibacterial, antibiotic-enhancing and antivirulence activity', *International Journal of Antimicrobial Agents*, Juli, pp. 377-386 (online NCBI).
- Dahlan, MS 2014, *Statistik untuk Kedokteran dan Kesehatan : deskriptif, bivariat, dan multivariat, dilengkapi aplikasi dengan menggunakan SPSS edisi 6*, Epidemiologi Indonesia, Jakarta.
- Davis, WW, Stout, TR, 1971, 'Disc Plate Method of Microbiological Antibiotic Assay', *American Society for Microbiology*, Oktober, pp. 659–665 (online NCBI).
- Dewatisari, WF, Rumiyantri, L, Rakhmawati, I 2017, 'Rendemen dan Skrining Fitokimia pada Ekstrak Daun Sansevieria sp.', *Jurnal Penelitian Pertanian Terapan*, Vol. 17, no. 3, 2017, diakses 4 April 2019. https://www.researchgate.net/publication/323130117_Rendemen_dan_Skrining_Fitokimia_pada_Ekstrak_Daun_Sansevieria_sp
- Dinarello, CA, Porat, R 2015, *Harrison's Principles of Internal Medicine, 19th Edition*, McGraw-Hill, New York.
- Fatoni, AA, Alexandra, FD, Triawanti 2017, 'Uji Aktivitas Antibakteri Ekstrak Etanol Batang Tabat Barito (*Ficus deltoidea* Jack) terhadap pertumbuhan

Streptococcus pyogeneses dengan metode cakram kirby-bauer', *E-Journal Kedokteran*, Vol. 8, No. 1, 2017, diakses pada 22 Mei 2019.
<http://e-journal.upr.ac.id/index.php/MED/article/view/531>

Fratini, F, Cilia, G, Turchi, B, Felicioli, A 2016, 'Beeswax: A minireview of its antimicrobial activity and its application in medicine', *Asian Pacific Journal of Tropical Medicine*, Juli, pp. 839–843 (online NCBI).

Ghozali, I 2013, *Aplikasi Analisis Multivariat dengan Program IBM SPSS 21 Edisi 7*, Universitas Diponegoro, Semarang.

Gorniak, I, Bartoszewski, R, Kroliczewski J 2018, 'Comprehensive review of antimicrobial activities of plant flavonoids', *Phytochemistry reviews*, Vol. 18, no.1, Oktober 2018, diakses 18 April 2019.
<https://link.springer.com/article/10.1007/s11101-018-9591-z>

Guntoro, Y 2013, 'Aktivitas dan Produktivitas Lebah Trigona laeviceps Di Kebun Polikultur Dan Monokultur Pala (*Myristica fragrans*)', Skripsi Program Sarjana, Institut Pertanian Bogor, diakses 24 Oktober 2018.
<https://repository.ipb.ac.id/handle/123456789/61654>

Hermayasari, AD, Harlia, E, Marlina, ET 2015, 'Pengaruh Lilin Sarang Lebah Sebagai Edible Coating pada Dendeng Sapi Giling terhadap Jumlah Bakteri Total dan Staphylococcus aureus', *Students e-Journal*, Vol. 4, no. 4, 2015, diakses 17 September 2018.
<http://jurnal.unpad.ac.id/ejournal/article/view/8054>

Hudzicki, J 2009, 'Kirby-Bauer Disk Diffusion Susceptibility Test Protocol', *American Society for Microbiology*, Desember 2009, diakses 22 Januari 2019.
<http://www.microbelibrary.org/component/resource/laboratory-test/3189-kirby-bauer-disk-diffusion-susceptibility-test-protocol>.

Indonesia. *Departemen Kesehatan 2000, Parameter Standar Umum Ekstrak Tumbuhan Obat Indonesia*, Departemen Kesehatan Republik Indonesia, Jakarta.

Johnson, BR 2009, 'Pattern formation on the combs of honeybees : increasing fitness by coupling self-organization with templates', *The Royal Society*, pp. 255–261 (online NCBI).

Kacániová, M, Vuković, N, Chlebo, R, Haščík, P, Rovná, K, Cubon, J, Džugan, M, Pasternakiewicz, A 2012, 'The antimicrobial activity of honey, bee pollen loads and beeswax from Slovakia', *Archives of Biological Sciences*, Vol. 64, no. 3, Januari 2012, diakses 18 Januari 2019.
https://www.researchgate.net/publication/237018873_The_antimicrobial_activity_of_honey_bee_pollen_loads_and_beeswax_from_Slovakia

Karsinah, L, Suharto, H, Mardiasuti, H 2010, *Buku Ajar Mikrobiologi Kedokteran Edisi Revisi*, Binarupa Aksara, Jakarta.

- Kawengian, SAF, Wuisan, J, Leman, MA 2017, 'Uji daya hambat ekstrak daun serai (*Cymbopogon citratus* L) terhadap pertumbuhan *Streptococcus mutans*', *Jurnal e-GiGi*, Vol. 5, no. 1, 2017, diakses 11 Januari 2019. <https://ejournal.unsrat.ac.id/index.php/egigi/article/download/14736/14304>
- Manangazira, P, Glavintcheva, I, Mutukwa-Gonese, G, Bara, W, Chimbaru, A, Ameda, I 2011, 'Guidelines for the Management of Typhoid Fever', *WHO*, Juli 2011, diakses 18 Maret 2019. <http://apps.who.int/medicinedocs/documents/s20994en/s20994en.pdf>
- Massaro, CF, Simpson, JB, Powell, D, Brooks, P 2015, 'Chemical composition and antimicrobial activity of honeybee (*Apis mellifera ligustica*) propolis from subtropical eastern Australia', *Science of Nature*, Desember, pp. 1-11 (online NCBI).
- Moja, FK 2015, 'Uji aktivitas antibakteri ekstrak metanol daun mangga (*Mangifera foetida* L.) terhadap *Salmonella typhi* secara in vitro', *Jurnal mahasiswa PSPD FK Universitas Tanjungpura*, Vol. 3, no.1, 2015, diakses pada 22 Mei 2019. <http://jurnal.untan.ac.id/index.php/jfk/article/view/14183>
- Mubarak, Z, Chrismirina, S, Daulay, HH 2016, 'Aktivitas Antibakteri Ekstrak Propolis Alami Dari Sarang Lebah Terhadap Pertumbuhan *Enterococcus Faecalis*', *Journal of Syiah Kuala Dentistry Society*, Vol. 1, no. 2, 2016, diakses 22 Januari 2019. <http://www.jurnal.unsyiah.ac.id/JDS/article/view/5421>
- Mukhriani 2014, 'Ekstraksi, pemisahan senyawa, dan identifikasi senyawa aktif', *journal Kesehatan*, Vol. 7, no. 2, 2014, diakses 11 januari 2019. <https://media.neliti.com/media/publications/137566-ID-ekstraksi-pemisahan-senyawa-dan-identifi.pdf>
- Nabila, U, Hendriani, R 2018, 'Review: Suhu Penyimpanan Bahan Baku dan Produk Farmasi Di Gudang Industri Farmasi', *Farmaka*, Vol. 15, no. 4, 2018, diakses 22 Januari 2019. <http://jurnal.unpad.ac.id/farmaka/article/download/15142/pdf>
- Naveed, A, Ahmed, Z 2016, 'Treatment of Typhoid Fever in Children: Comparison of Efficacy of Ciprofloxacin with Ceftriaxone', *European Scientific Journal*, Vol. 12, no. 6, Februari 2016, diakses 9 Januari 2019. <https://ejournal.org/index.php/esj/article/download/7069/6830+&cd=3&hl=en&ct=clnk&gl=id>
- Ochiai, RL, Acosta, CJ, Danovaro-Holliday, MC, Baiqing, D, Bhattacharya, SK, Agtini, MD, Bhutta, ZA, Canh, DG, Ali, M, Shin, S, Wain, J, Page, AL, Albert, MJ, Farrar, J, Abu-Elyazeed, R, Pang, T, Galindo, CM, von Seidlein, L, Clemens, JD 2008, 'A study of typhoid fever in five Asian countries: Disease burden and implications for controls', *Bulletin of the World Health Organization*, April, pp. 260–268 (online NCBI).

- Pasupuleti, VR, Sammugam, L, Ramesh, N, Gan, SH 2017, 'Honey, Propolis, and Royal Jelly: A Comprehensive Review of Their Biological Actions and Health Benefits', *Oxidative Medicine and Cellular Longevity*, Juli, pp. 1-22 (online NCBI).
- Paudel, P, Dhungana, D, Ghimire, S, Khatri, B 2015, 'Susceptibility pattern of Salmonella typhi causing enteric fever towards different antimicrobials', *World Journal of Pharmaceutical Research*, Vol. 4, no. 5, April 2015, diakses 17 Oktober 2018.
https://www.researchgate.net/publication/279450158_SUSCEPTIBILITY_PATTERN_OF_SALMONELLA_TYPHI_CAUSING_ENTERIC_FEVER_TOWARDS_DIFFERENT_ANTIMICROBIALS
- Paul, UK, Bandyopadhyay, A 2017, 'Typhoid fever: a review', *International Journal of Advances in Medicine*, Vol. 4, no. 2, April 2017, diakses 10 Januari 2019.
<https://www.ijmedicine.com/index.php/ijam/article/download/339/478>
- Pérez, P, Elizabeth, M, Suárez, E 2013, 'Antioxidant activity and microorganisms in nest products of *Tetragonisca angustula* from Mérida, Venezuela', *Facultad de Farmacia y Bioanálisis, Universidad de Los Andes; Mérida, Venezuela*, diakses 11 Januari 2019.
http://www.saber.ula.ve/bitstream/handle/123456789/36998/10_antioxidant_activity.pdf?sequence=1&isAllowed=y
- Pratiwi, D, Suswati, I, Abdullah, M 2013, 'Efek Anti Bakteri Ekstrak Kulit Jeruk Nipis (*Citrus Aurantifolia*) terhadap Salmonella Typhi Secara In Vitro', *Saintika Medika*, Vol. 9, no. 2, 2013, diakses 9 Januari 2019.
<http://ejournal.umm.ac.id/index.php/sainmed/article/view/4139>
- Prestianti, I 2017, 'Uji Aktivitas Antibakteri Ekstrak Sarang Lebah dan Madu Hutan dari Kolaka Terhadap Pertumbuhan Bakteri Staphylococcus aureus, Escherichia coli, dan Pseudomonas aeruginosa', Skripsi Program Sarjana, Universitas Islam Negeri Alauddin Makassar, diakses 9 Desember 2018.
<http://repositori.uin-alauddin.ac.id/4156/>
- Prestianti, I, Baharuddin, M, Sappewali, S 2018, 'Uji Aktivitas Antibakteri Ekstrak Sarang Lebah Hutan (*Apis dorsata*) terhadap Pertumbuhan Staphylococcus aureus, Escherichia coli dan Pseudomonas aeruginosa', *ALCHEMY Jurnal Penelitian Kimia*, Vol. 14, no. 2, Februari 2018, diakses 7 Juli 2018.
https://www.researchgate.net/publication/323396331_Uji_Aktivitas_Antibakteri_Ekstrak_Sarang_Lebah_Hutan_Apis_Dorsata_Terhadap_Pertumbuhan_Staphylococcus_aureus_Escherichia_coli_Dan_Pseudomonas_aeruginosa
- Purba, IE, Wandra, T, Nugrahini, N, Nawawi, S, Kandun, N 2016, 'Program Pengendalian Demam Tifoid di Indonesia: Tantangan dan Peluang', *Media Penelitian dan Pengembangan Kesehatan*, Vol. 26, no. 2, Juni 2016, diakses 10 Juli 2018.
https://www.researchgate.net/publication/313680646_Program_Pengendalian

n_Demam_Tifoid_di_Indonesia_Tantangan_dan_Peluang

- Putra, NS, Watiniasih, NL, Suartini, M 2016, 'The Trigona Species (Apidae : Meliponinae) on Different Altitude in Bali', *Jurnal Simbiosis*, Vol. 4, no. 1, April 2016, diakses 10 Maret 2019.
<http://id.portalgaruda.org/index.php?ref=browse&mod=viewarticle&article=411304>
- Radhakrishnan, A, Als, D, Mintz, ED, Crump, JA, Stanaway, J, Breiman, RF, Bhutta, ZA 2018, 'Introductory article on global burden and epidemiology of typhoid fever', *American Journal of Tropical Medicine and Hygiene*, pp. 4-9 (online NCBI).
- Rahmah, RPA, Bahar, M, Harjono, Y 2017, 'Uji Daya Hambat Filtrat Zat Metabolit Lactobacillus plantarum terhadap Pertumbuhan Shigella dysenteriae Secara In Vitro', *Biogenesis*, Vol. 5, no. 1, Juni 2017, diakses 18 April 2019.
https://www.researchgate.net/publication/322572925_Uji_Daya_Hambat_Filtrat_Zat_Metabolit_Lactobacillus_plantarum_Terhadap_Pertumbuhan_Shigella_dysenteriae_Secara_In_Vitro
- Rahmasari, V, Lestari, K 2018, 'Review: Manajemen Terapi Demam Tifoid: Kajian Terapi Farmakologis dan Non Farmakologis', *Farmaka*, Vol. 16, no. 1, 2018, diakses 9 Januari 2019.
<http://jurnal.unpad.ac.id/farmaka/article/view/17445>
- Ramadhania, Q 2014, 'Pengaruh Konsentrasi Ekstrak Etanol Daun Salam (Eugenia polyantha W) terhadap Pertumbuhan Bakteri Streptococcus mutans In Vitro', Skripsi Program Sarjana, Universitas Muhammadiyah Surakarta, diakses 10 Mei 2019.
http://eprints.ums.ac.id/31237/10/9RR._NASKAH_PUBLIKASI.pdf
- Rijayanti, RP 2014, 'uji Aktivitas Antibakteri Ekstrak Etanol Daun Mangga Bacang (Mangifera foetida L.) terhadap Staphylococcus aureus secara In Vitro', *Jurnal Fakultas Kedokteran Universitas Tanjungpura*, Vol. 1, no. 1, 2014, diakses 9 Mei 2019.
<http://jurnal.untan.ac.id/index.php/jfk/article/view/6330.%202014>
- Ryan, KJ, Ray, CG, Ahmad, N, Drew, WL, Plorde, JJ 2014, *Sherris Medical Microbiology 6 th Edition*. Mc Graw Hill Education, USA.
- Ryan, MP, O'Dwyer, J, Adley, CC 2017, 'Evaluation of the Complex Nomenclature of the Clinically and Veterinary Significant Pathogen Salmonella', *BioMed Research International*, April, pp. 1-6 (online NCBI).
- Sidabutar, S, Satari, HI 2010, 'Pilihan terapi empiris demam tifoid pada anak : kloramfenikol atau seftriakson?', *Sari pediatri*, Vol. 11, no. 6, April 2010, diakses 10 Januari 2019.
https://www.researchgate.net/publication/312175588_Pilihan_Terapi_Empiris_Demam_Tifoid_pada_Anak_Kloramfenikol_atau_Seftriakson

- Sinarsih, NK, Rita, WS, Puspawati, NM 2016, 'Uji Efektivitas Ekstrak Daun Trembesi (Samanea saman (jacq .) Merr) sebagai Antibakteri Escherichia coli dan Staphylococcus aureus', *Indonesian E-Journal of Applied Chemistry*, Vol. 4, no. 2, 2016, diakses 9 Mei 2019.
<https://ojs.unud.ac.id/index.php/cakra/article/view/28930>
- Susanty, Bachmid, F 2016, 'Perbandingan Metode Ekstraksi Maserasi dan Refluks terhadap Kadar Fenolik dari Ekstrak Tongkol Jagung (Zea mays L.)', *KONVERSI*, Vol. 5, no. 2, Oktober 2016, diakses pada 6 Maret 2019.
<https://media.neliti.com/media/publications/108227-ID-none.pdf>
- Suswati, I, Juniarti, A 2009, 'Sensitivitas Salmonella typhi terhadap Kloramfenikol dan Seftriakson di RSUD Dr . Soetomo Surabaya dan di RSUD Dr . Saiful Anwar Malang Tahun 2008-2009', *Publikasi Ilmiah Universitas Muhammadiyah Malang*, Vol. 3, no. 1, 2009, diakses pada 9 Januari 2019.
https://publikasiilmiah.ums.ac.id/bitstream/handle/11617/2499/Vol_3_No_1_F_Sensitivitas%20Salmonella%20typhi%20terhadap%20Kloramfenikol%20dan%20Seftriakson.pdf?sequence=1&isAllowed=y
- Syafrizal, Tarigan, D, Yusuf, R 2014, 'Keragaman dan Habitat Lebah Trigona pada Hutan Sekunder Tropis Basah di Hutan Pendidikan Lempake, Samarinda, Kalimantan Timur', *jurnal teknologi pertanian*, Vol. 9, no. 1, Maret 2014, diakses 20 April 2019 .
<https://jtpunmul.files.wordpress.com/2014/07/5-syafrizal-vol-9-no-11.pdf>
- Syahdrajat, T. 2018, *Panduan Penelitian untuk Skripsi Kedokteran dan Kesehatan*, Kencana, Jakarta.
- Ugboko, H, De, N 2014, 'Review article Mechanisms of Antibiotic resistance in Salmonella typhi', *International journal of Current Microbiology and Applied Sciences*, Vol. 3, no. 12, 2014, 18 Juli 2018.
<https://www.ijcmas.com/vol-3-12/Harriet%20Ugboko%20and%20Nandita%20De.pdf>
- Wulandari, D, Kurniawati, D, Ritonga, H 2013, ' Isolasi dan uji aktivitas antimikroba ekstrak etanol propolis Trigona spp. ', *jurnal progres kimia sains*, Vol 3, No. 2, Agustus 2013, diakses 21 Mei 2019
<http://ojs.uho.ac.id/index.php/JPK/article/view/3724>
- Yalemwork, E, Wossenseged, L, Nega, B 2013, 'Antibacterial effects of Apis mellifera and stingless bees honeys on susceptible and resistant strains of Escherichia coli, Staphylococcus aureus and Klebsiella pneumoniae in Gondar, Northwest Ethiopia', *BMC Complementary and Alternative Medicine*, Oktober, pp. 1-7 (online NCBI).
- Yasin, N, Jabeen, A, Nisa, I, Tasleem, U, Khan, H, Momin, F, Shah, F, Rasheed, U, Zeb, U, Safi, A, Hussain, M, Qasim, M, Rahman, H 2018, 'A review : Typhoid fever', *Journal Bacteriology Infectious Diseases*, Vol. 2, no. 2, 2018 diakses 18 Maret 2019.

<http://www.alliedacademies.org/journal-bacteriology-infectious-diseases/>.

Yuliana, R, Sutariningsih, E, Santoso, HB, Riendrasari, SD 2015, 'Daya Antimikrobia Sarang Lebah Madu *Trigona* spp terhadap Mikrobia Patogen', *Jurnal Bioedukasi*, Vol. 8, no. 1, Februari 2015, diakses 10 Juni 2018.

https://www.researchgate.net/publication/316457373_Daya_Antimikrobia_Sarang_Lebah_Madu_Trigona_spp_terhadap_Mikrobia_Patogen

Zaki, SA, Karande, S 2011, 'Multidrug-resistant typhoid fever: A review', *Journal of Infection in Developing Countries*, pp. 324–337 (online NCBI).

