

DAFTAR PUSTAKA

- Afroz, M., Akter, S., Ahmed, A., Rouf, R., Shilpi, J. A., Tiralongo, E., *Et al.* 2020. Ethnobotany and Antimicrobial Peptides From Plants of the *Solanaceae* Family: An Update and Future Prospects. *Frontiers in pharmacology*. Vol. 11(1): 125-127.
- Ageorges, V., Ricardo, M., Sabine, L., Catherine, M., Pizza, M., Chaucheyras-Durand, F., et al. 2021. Molecular Determinants of Surface Colonisation in Diarrhoeagenic *Escherichia coli* (DEC) From Bacterial Adhesion to Biofilm Formation. *FEMS Microbiology Reviews*. Vol. 44(3): 314-350.
- Al-Rowaily, S. L., Alghamdi, A. O., Alghamdi, S. S., Assaeed, A. M., Hegazy, A., Afzal, M., Migdadi, H. M., 2021. Assessment of Morphological and Molecular Variability of Some *Solanum mmelongena L* in Saudia Arabia. *Biol Futur*. Vol. 72(2): 187-199.
- Ameer MA, Wasey A, Salen P. 2021. *Escherichia coli*. StatPearls.
- Anggraini, D., Uswathun, H., S., Maya, S., Fauzia, A., D., Dino, I., Rustam, R., P. 2018. Prevalensi dan Pola Senstivitas Enterobacteriaceae Penghasil ESBL di RSUD Arifin Achmad Pekanbaru. *Jurnal Kedokteran Brawijaya*. Vol. 30(1): 47-52.
- Ashfaq, S., Ahmad, M., Zafar, M., Sultana, S., Bahadur, S., Ahmed, S. N., *et al.* 2020. Morphology of Family Solanaceae an Its Taxonomic Significance. *An Acas Bras Cienc*. Vol. 92(3): 12-21.
- Bagus, W., E., Shigemura, K., Osawa, K., Fardah, A., Kanaida, A., Raharjo, D., 2018. Antibiotic Susceptibilities and Genetic Characteristics of Extended-Spectrum Beta-Lactamase-Producing *Escherichia coli* Isolates from Stools of Pediatric Diarrhea Patients in Surabaya, Indonesia. *Jpn J Infect Dis*. Vol. 70(4): 378-382
- Bouhajeb, R., Salima, S., Amel, N., Ibrahim, J., Giuseppe, M., Guido, F., Et al. 2020. Chemical Composition Analysis, Antioxidant, and Antibacterial Activities of Eggplant Leaves. *Chem Biodiver Jounal*. Vol. 17(12): 20-45.
- Chang, A. C., Liu, B. H. 2018. Identification of Characteristic Macromolecules of *Escherichia coli* Genotypes by Atomic Force Microscope Nanoscale Mechanical Mapping. *Nanoscale Res Lett*. Vol. 13(1):35-37.

- Cui, Z., H., He, H., L., Wu, S., B., Dong, L., Lu, Y., Shan, T., J., et al. 2021. Rapid Screening of Essential Oils as Substances Which Enhance Antibiotic Activity Using a Modified Well Diffusion Method. *Antibiotics (Basel)*. Vol. 1(1): 210-214.
- Dirga, Sudewi,M., K., Atika, D., A., Irfanianta, A., S., Anton, P. 2021. Evaluasi Penggunaan Antibiotik Pada Pasien Rawat Inap di Bangsal Penyakit Dalam RSUD. Dr. H. Abdul Moeloek Provinsi Lampung. *Jurnal Kefarmasian Indonesia*. Vol. 11(1): 65-75.
- Di Sotto, A., Giacomo, S., Amatore, D., Locatelli, M., Vitalone, A., Toniolo, C. 2018. A Polyphenol Rich Extract from *Solanum melongena L.* DR2 Peel Exhibits Antioxidant Properties and Anti-Herpes Simplex Virus Type 1 Activity In Vitro. *Molecules*. Vol. 23(8): 20-66.
- Elizalde-Romero, C., A., Montoya-Inzunza, L., A., Contreras-Angulo, L.. A., Heredia, J., B., Gutierrez-Grijalva, E., P., et al. 2021. Solanum Fruits: Phytochemicals, Bioaccessibility and Bioavailability, and Their Realntionship With Their Health-Promoting Effects. *Front Nutr*. Vol. 25(8): 79-82.
- Ellis, S. J., Crossman, L. C., McGrath, C. J., Chattaway, M. A., Hölkens, J. M., Brett, B. 2020. Identification and Characterisation of Enteroaggregative *Escherichia coli* Subtypes Associated With Human Disease. *Scientific Reports*. Vol, 10(1):101-104.
- Farhadi, F., Khameneh, B., Iranshahi, M., Iranshahy, M. 2019. Antibacterial Activity of Flavonoids and Their Structure-activity Relationship: An Update Review. *Phytotherapy Research*. Vol. 33(1): 13-40.
- Fitriana, Y.. A., Fatimah, V.. A., N., Fitri, A., S. 2020. Aktivitas Antibakteri Daun Sirih Uji Ekstrak KHM (Kadar Hambat Minimum) dan KBM (Kadar Bakterisidal Minimum). *Jurnal Sainteks*. Vol. 16(2): 112-114.
- Florio, F. E., Gattolin, S., Toppino, L., Bassolino, L., Fibiani, M., Lo Scalzo, R. et al. 2021. A SmelATT Acyltransferase Variant CAuses a Major Difference in Eggplant (*Solanum Melongena L*) Peel Anthocyanin Composition. *Int J Mol Sci.* Vol. 22(17): 917-918.

- Hanifah, A., Maharijaya, A., Putri, S. P., Lavina, W. A., Sobir. 2018. Untargeted Metabolomics Analysis of Eggplant (*Solanum Melongena L*) Fruit and Its Correlation to Fruit Morphologies. *Metabolites*. Vol. 8(3): 49-51.
- Hong, H., Lee, J. H., Kim, S. K. 2018. Phytochemicals and Antioxidant Capacity of Some Tropical Edible Plants. *Asian-Australas Journal Anim Sci*. Vol. 1(10):1677-1684.
- Jacob, M. E., Keelara, S., Aidara-Kane, A., Matheu Alvarez, J. R., Fedorka-Cray, P. J. 2020. Optimizing a Screening Protocol for Potential Extended-Spectrum β -lactamase *Escherichia coli* on MacConkey Agar for Use in a Global Surveillance Program. *Journal of Clinical Microbiology*. Vol. 58(9): 103-109.
- Jang, J., Hur, H. G., Sadowsky, M. J., Byappanahalli, M. N., Yan, T., Ishii, S. 2017. Environmental *Escherichia Coli*: Ecology and Public Health Implications-a Riview. *Microbiology Journal*. Vol. 123(3):570-581.
- Jiang, L., Zhang, L., Rui, C., Liu, X., Mao, Z., Yan, L. 2019.. The Role of the miR1976/CD105/integrin $\alpha\beta6$ Axis in Vaginitis Induced by *Escherichia coli* Infection in Mice. *Scientific Reports*. Vol. (1):144-145.
- Karaiskos, I., Galani, L., Sakka, V., Gkoufa, A., Sopilidis, O., Chalikopoulos, D. 2019. Oral Fosfomycin For the Treatment of Chronic Bacterial Prostatitis. *The Journal of Antimicrobial Chemotherapy*. Vol. 74(5):1430–1437.
- Krisniawati, N., Widhi, A., P., K., N. 2021. Prevalence and Risk Factors of ESBL-producing Enterobacteriaceae in The Community. *Journal of Biomedicine and Translational Research*. Vol. 7(1): 1-6.
- Khuat, V., Bui, V., Tran, H., Truong, N. X., Nguyen, T. C., Mai, P., et al. 2019. Characterization of *Solanum Melongena* Thioesterases Related to Tomato methylketone Synthase. *Genes Journal*. Vol. 10(7): 549:548.
- Kumar, N., Sen, S. 2022. Effectiveness of Disc Diffusion Method for Vancomycin Sensitivity Testing of *Staphylococcus aureus*. *Infect Drug Resist*. Vol. 14(1): 1027-1028.
- Larabi A., Barnich N., Nguyen. 2020. New Insights Into the Interplay Between Autophagy, Gut Microbiota and Inflammatory Responses in IBD. *Journal Autophagy*. Vol. 16(1): 38-51.

- Larson, M. R., Biddle, K., Gorman, A., Boutom, S., Rosenshine, I., Saper, M. A. 2021. *Escherichia Coli* O127 Group 4 Capsule Proteins Assemble at the Outer Membrane. *PLoS One*. Vol. 16(11):259-231.
- Leung, A., Wong, A., Leung, A., Hon, K. L. 2019. Urinary Tract Infection in Children. *Journal of Recent Patents on Inflammation & Allergy Drug Discovery*. Vol. 13(1):2–18.
- Lestari, E., Ni Ketut, S., Mappiratu. 2019. Kajian Aktivitas Antioksidan Mikrokapsul Ekstrak Kulit Terong Ungu (*Solanum Melongena L*). *Kovalen Jurnal*. Vol. 5(3): 209-307.
- Li, A., P., He, Y., H., Zhang, S., Y., Shi, Y., P. 2022. Antibacterial Activity and Action Mechanism of Flavonoids Against Phytopathogenic Bacteria. *Pesticide Biochemistry Physiology*. Vol. 1(1): 188-189.
- Liu, B., Furevi, A., Perepelov, A. V., Guo, X., Cao, H., Wang, Q., 2020. Structure and Genetics of *Escherichia Coli* O antigens. *FEMS Microbiol Rev*. Vol. 44(6):655-683.
- Mirsepasi-Lauridsen, H. C., Vallance, B. A., Krogfelt, K. A., Petersen, A. M. 2019. *Escherichia Coli* Pathobionts Associated With Inflammatory Bowel Disease. *Clinical Microbiology Reviews*. Vol. 32(2): 60-66.
- Musa, I., Rafii, M. Y., Ahmad, K., RamLee, S. I., Hatta, M. A., Oladosu, Y., et al. 2020. Effects of Grafting on Morphological and Yield Characteristic of Eggplant (*Solanum Melongena L*) Grafted Onto Wild Relative Rootstocks. *Plants*. Vol. 9(11): 1583.
- Newel, D., G., La Ragione, R., M. 2018. Enterohaemorrhagic and Other Shiga Toxin Producing *Escherichia coli* (STEC) : Where are We Now Regarding Diagnostics and Control Strategies?. *Transboundary Emerging Disease*. Vol. 10(1): 111-112.
- Oordt-Speets, A. M., Bolijn, R., van Hoorn, R. C., Bhavsar, A., Kyaw, M. H. 2018. Global Etiology of Bacterial Meningitis. *A Systematic Review and Meta-analysis*. Vol. 13(6):201-205.,
- Purnamasari, D., Rissa, L., V., Jatmiko, S. 2018. Uji Daya Hambat Ekstrak Etanol Kulit Buah Terong Ungu (*Solanum Melongena L*) Terhadap *Staphylococcus Aureus* dan *Escherichia Coli*. *Inovasi Teknik Kimia*. Vol. 3(1): 53-58.

- Purwanto, A., Saputro, I., R., D. 2022. Uji Aktivitas Antibakteri Ekstrak Etanol Daun Jambu Biji (*Psidium Guahava L.*) terhadap *Escherichia Coli* dengan Metode Difusi Silinder. *JIIP-Jurnal Ilmiah Ilmu Pendidikan*. Vol. 5(6): 1900-1905.
- Ralte, L., Bhardwaj, U., Singh, Y. T. 2021. Traditionally Used Edible *Solanaceae* Plants of Mizoram, India Have High Antioxidant and Antimicrobial Potential for Effective Phytopharmaceutical and Nutraceutical Formulations. *Heliyon*. Vol. 7(9): 79-84.
- Riley, L., W. 2020. Distinguishing Pathovars from Nonpathovars : *Escherichia Coli*. *Microbiology Journal*. Vol. 8(4):111-124.
- Roy, F., E., Berteau, T., Bestman-Smith, J., Grandjean, L., S., Dufresne, S., F., Domingo, M., C. et al. 2021. Validation of a Gradient Diffusion Method (Etest) for Testing of Antimicrobial Susceptibility of *Aerococcus urinae* to Fluoroquinolones. *J Clin Microbiol*. Vol. 59(8): 112-115.
- Rukmini, Selma, S., Ida, S. 2019. Analisis Implementasi Kebijakan Program Pengendalian Resistensi Antimikroba (PPRA). *Buletin Penelitian Sistem Kesehatan*. Vol. 22(2): 106-116.
- Silarova, P., Boulekache-Makhlof, L., Pellati, F., Ceslová, L. 2019. Monitoring of Chlorogenic Acid and Antioxidant Capacity of *Solanum melongena L.* (Eggplant) under Different Heat and Storage Treatments. *Journal Switzerland*. Vol. 8(7):234-238.
- Sora, V. M., Meroni, G., Martino, P. A., Soggiu, A., Bonizzi, L., Zecconi, A. 2021. Extraintestinal Pathogenic *Escherichia coli*: Virulence Factors and Antibiotic Resistance. *Journal of Pathogens*. Vol. 10(11):1355.
- Staszek, P., Gniazdowska, A. 2020. Peroxynitrite Induce Signaling Pathways in Plant Response to Non-Proteinogenic Amino Acids. *Planta Journal*. Vol. 52(1): 5-7.
- Syahrul, F., Wahyuni, C., U., Notobroto, H., Wasito, E., B., Adi, C., Dwirahmadi, F. 2018. Transmission Media of Foodborne Diseases as an Index Prediction of Diarrheagenic *Escherichia coli*: Study at Elementary School, Surabaya, Indonesia. *Int J Environ Res Public Health*. Vol. 17(21): 8227.

- Syarpin, S., Nugroho, W., Rahayu, S. 2018. Uji Fitokimia dan Antioksidan Ekstrak Etanol Buah Terung Asam (*Solanum ferox L.*). *Acta pharmaciae Indonesia*. Vol. 6(2): 46-50.
- Ullah, A., Munir, S., Badshah, S. L., Khan, N., Ghani, L, Poulson, B. G. 2020. Important Flavonoids and Their Role as a Therapeutic Agent. *Molecules*. Vol. 25(22):5243.
- Wu, X., Zhang, S., Liu, X., Shang, A., Zhu, Z., Zha, D. 2020. Chalcone Synthase (CHS) Family Member Analysis From Eggplant (*Solanum Melongena L.*) in the Flavonoid Biosynthetic Pathway and Expression Patterns in response to Heat Stress. *National Center for Biotechnology Information*. Vol. 15(4): 213-215.
- Xie, Y., Yang, W., Tang, F., Chen, X., Ren, L. 2015. Antibacterial activities of flavonoids: structure-activity relationship and mechanism. *Current Medicinal Chemistry*. Vol. 22(1): 132-149.
- Yarmohammadi, F., Ghasemzadeh, R. M., Hosseinzadeh, H. 2021. Effect of Eggplant (*Solanum Melongena L.*) on the Metabolic Syndrome. *Iran Basic Medicine Journal*. Vol. 24(4): 420-427.
- Yu, Y., Hu, B., Fan, H., Zhang, H., Lian, S., Li, H., *Et al.* 2021. Molecular Epidemiology of Extraintestinal Pathogenic Escherichia coli Causing Hemorrhagic Pneumonia in Mink in Northern China. *Frontiers in Cellular and Infection Microbiology*, Vol. 11(1): 234-344.
- Yuan, G., Guan, Y., Yi, H., Lai, S., Sun, Y., Cao, S. 2021. Antibacterial Activity and Mechanism of Plant Flavonoids to Gram-positive Bacteria Predicted From Their Lipophilicities. *Scientific Reports*. Vol. 11(1): 10471.