DAFTAR PUSTAKA

Abbas, A. dan A. Lichtman, 2005. *Cellular and Molecular Immunology*. London: Elsevier Health and Sciences, hal. 274

Abraham, A., B. Fauziyah, A. G. Fasya, T. K. Adi. 2014. Uji Antitoksoplasma Ekstrak Kasar Alkaloid Daun Pulai (*Alstonia scholaris*, (L.) R. Br) Terhadap Mencit (*Mus musculus*) Balb/C yang Terinfeksi *Toxoplasma gondii* Strain Rh. *Alchemy* 3 (1): 67-75

Adamska-Szewczyk, A., K. Glowniak, T. Baj. 2016. Furochinoline Alkaloids in Plants from Rutaceae Family – A Review. *Current Issues in Pharmacy and Medical Sciences* 29 (1): 33-38

Adwas, A. A., A. S. I. Elsayed, A. E. Azab, F. A. Quwaydir. 2019. Oxidative Stress and Antioxidant Mechanisms in Human Body. *Journal of Applied Biotechnology and Bioengineering* 6 (1): 43-47

Aerts, J. M. 2003. *The Macrophage as Therapeutic Target*. London: Springer Science and Business Media, hal. 2

Akbari, A., G. Jelodar, S. Nazifi, J. Sajedianfard. 2016. An Overview of the Characteristics and Function of Vitamin C in Various Tisuues: Relying on its Antioxidant Function. *Zahedan Journal of Research in Medical Sciences* 18 (11): 1-9

Aksöz, B. E., dan R. Ertan. 2011. Chemical and Structural Properties of Chalcones I. *Fabad Journal of Pharmacological Science* 36: 223-242

Alharits, L., W. Handayani, Yasman, N. M. Hemelda. 2019. Phytochemical analysis and antioxidant activity of leaves and flowers extracts of mistletoe (*Dendrophthoe pentandra* (L.) Miq.), collected from UI Campus, Depok. *AIP Conference Proceedings* 2168: 1-8

Amin, A., J. Wunas. Y. M. Anin. 2015. Uji Aktivitas Antioksidan Ekstrak Etanol Klika Faloak (*Sterculia quadrifida* R.Br) dengan Metode Dpph (2,2-diphenyl-1-picrylhydrazyl). *Jurnal Fitofarmaka Indonesia* 2 (2): 111-114

Andiana, M., Y. Rachmawati, S. S. Andayani. 2017. Kultur Sel *Baby Hamster Kidney* (BHK) Menggunakan Media *Dulbecco's Modified Eagle Medium* (DMEM). *Biotropic* 1 (1): 10-17

Anggraini, P. 2008. Uji sitotoksik ekstrak etanol 70% buah Kumukus (*Piper cubeba* L.) terhadap sel HeLa. *Skripsi*. Surakarta: Fakultas Farmasi Universitas Muhammadiyah

Anizewski, T. 2007. *Alkaloid- Secrets of Life: Alkaloid Chemistry, Biological Significance, Applications and Ecological Role*. London: Elsevier, hal. 139

Anonim. 2019. Nickel Superoxide Dismutase (NiSOD). *https://chem.libretexts.org/ diakses pada hari Selasa, 8 Juni 2021*

Ashihara, H. 2006. Metabolism of Alkaloids in Coffee Plants. *Journal of Plant Physiology* 18 (1): 1-8

Babbar, N. 2015. An Introduction to Alkaloids and Their Applications in Pharmaceutical Chemistry. *The Pharma Innovation Journal* 4 (10):74-75

Badarinath, A., K. Rao, C.S. Chetty, S. Ramkanth, T. Rajan, K. Gnanaprakash. 2010. A Review on In-vitro Antioxidant Methods: Comparisons, Correlations,

and Considerations. *International Journal of PharmTech Research* 2010: 1276-1285

Bahuguna, A. I. Khan, V. K. Bajpai, S. C. Kang. 2017. MTT Assay to Evaluate The Cytotoxic Potential of A Drug. *Bangladesh Journal of Pharmacology* 12: 115-118

Balammal, G., dan A. K. Saravana. 2014. A Review on Basic Chromatographic Techniques. *Indian Journal of Pharmaceutical Science and Research* 4 (4): 221-238

Bale, A. A., dan A. Khale. 2011. An Overview on Thin Layer Chromatography. *International Journal of Pharmaceutical Sciences* 2 (2): 256-267

Barcia, J. J. 2007. The Giemsa Stain: Its History and Applications. *International Journal of Surgical Pathology* 15 (3): 292-296

Barrington, R. 2013. Selenium: Depletion and Repletion. https://www.robertbarrington.net/selenium-depletion-and-repletion/ *diakses pada hari Selasa, 8 Juni 2021*

Braga, P., D. Santos, M. Silva, P. C. Vieira. 2011. In Vitro Cytotoxicity Activity on Several Cancer Cell Lines of Acridone Alkaloids and N-Phenylethyl-Benzamide Derivatives from *Swinglea glutinosa* (Bl.) Merr. *Natural Product Research* 21 (1): 47-55

Bribi, N. 2018. Pharmacological Activity of Alkaloids: A Review. *Asian Journal of Botany* 1: 1-6

Bryda, E. C. 2013. The Mighty Mouse: The Impact of Rodents on Advances in Biomedical Research. *Missouri Medicine* 110 (3): 207-211

Cahyani, D. R., Tamrin, R. H. F. Faradilla. 2019. Evaluasi Metode In Vitro Pada Analisis Aktivitas Antioksidan Beberapa Buah Tropis: Studi Kepustakaan. *Jurnal Sains dan Teknologi Pangan* 5 (6): 3465-3480

Capriotti, K., J. A. Capriotti. 2012. Dimethyl Sulfoxide: History, Chemistry, and Clinical Utility in Dermatology. *Journal of Clinical and Aesthetic Dermatology* 5 (9): 24-26

Casciaro, B., L. Mangiardi, F. Cappiello, I. Romeo, M. R. Loffredo, A. Iazetti, A. Calcaterra, A. Goggiamani, F. Ghirga, M. L. Mangoni, B. Botta, D. Quaglio. 2020. Naturally-Occurring Alkaloids of Plant Origin as Potential Antimicrobials against Antibiotic-Resistant Infections. *Molecules* 25 (3619): 1-34

Catalog of Life (CoL). 2018. Taxonomy of *Swinglea glutinosa*. *https://www.catalogueoflife.org/data/taxon/53K7D diakses pada hari Minggu, 6 Juni 2021*

Cervantes, J. L., K. L. Hawley, S. J. Benjamin, B. Weinerman, S. M. Luu, J. C. Salazar. 2014. Phagosomal TLR signaling upon *Borrelia burgdorferi* infection. *Cellular and Infection Microbiology* 4 (55): 1-12

Chini, C. A. R. Bilia, A. Keita, I. Morelli. 1992. Protoalkaloids from *Boscia angustifolia*. *Planta Medicines* 58 (5): 476

Colorado, B. E. J., F. M. P. Herrera, E. D. Restrepo. 2020. Antioxidant and biological activities of essential oil from Colombian *Swinglea glutinosa* (Blanco) Merr fruit. *Acta Scientiarum Biological Sciences* 42 (51639): 1-11

Coradini, E., P. Foglia, P. Giansanti, R. Gubbiotti, R. Samperi, A. Lagana. 2011. Flavonoids: Chemical Properties and Analytical Methodologies of Identification and Quantitation in Foods and Plants. *Natural Product Research* 25 (5): 469-495

David, A. V. A., R. Arulmoli, S. Parasuraman. 2016. Overviews of Biological Importance of Quercetin: A Bioactive Flavonoid. *Pharmacognosy Review* 10 (20): 84-89

Dey, P., A. Kundu, A. Kumar, M. Gupta, B. M. Lee, T. Bhakta, S. Dash, H. S. Kim. 2020. Analysis of Alkaloids (Indole Alkaloids, Isoquinoline Alkaloids, Tropane Alkaloids). *Recent Advances in Natural Products Analysis* 2020: 505-567

Diaz C., G. Arrazola, F. Ortega dan J. Gaviria. 2005. Characterization of essential oil of *Swinglea* lemon (*Swinglea glutinosa*) peel for GC-MS. *Temas Agrarios* 10: 22-28

Egieyeh, S. A., J. Syce, S. F. Malan, A. Christoffels. 2016. Prioritization of Anti-Malarial Hits From Nature: Chemo-Informatic Profiling of Natural Products with In Vitro Antiplasmodial Activities and Currently Registered Anti-Malarial Drugs. *Malaria Journal* 15 (50): 1-23

Eguchi, R., N. Ono, A. H. Morita, T. Katsuragi, S. Nakamura, M. Huang, M. Altaf-Ul-Amin, S. Kanaya. 2019. Clasification of Alkaloids According to the Starting Substances of Their Biosynthetic Pathways Using Graph Convolutionl Neural Networks. *BMC Bioinformatics* 20 (380): 1-13

Ferrel, L. D., dan S. Kakar. 2011. *Liver Pathology*. New York: Demos Medical Publishing, hal. 265

Fitri, L. E., D. lndiastari, D. Candradikusuma, K. Mardhiyyah, N. Budiarti, N. Prasetyorini, R. B. Nugraha, S. Arifin, T. W. Sardjono, W. A. Cahayani, Y. Armiyanti. 2017. *Imunologi Malaria: Misteri Interaksi Inang & Parasit*. Malang: UB Press, hal. 2

Fürst, R., dan I. Zündorf. 2014. Plant-derived anti-inflammatory compounds: hopes and disappointments regarding the translation of preclinical knowledge into clinical progress. *Mediatory Inflammation* 2014: 1-9

Garcia, E. J., T. L. C. Oldoni, S. M. de Alencar, A. Reis, A. D. Loguercio, R. H. M. Grande. 2012. Antioxidant activity by DPPH assay of potential solutions to be applied on bleached teeth. *Brazilian Dental Journal* 23 (1): 22-27

Gharagozloo M., A. Ghaderi. 2001. Immunomodulatory Effect of Concentrated Lime Juice Extract on Activated Human Mononuclear Cells. *Journal of Etnopharmacology* 77 (1): 85-90

Gordon, S. 2016. Phagocytosis: An Immunobiologic Process. *Immunity* 44 (3): 463-475

Goya, E. E. Jorge, Y. Saucedo, H. Y. Vander, L. T. C. Tu. 2015. NA-27: Antioxidant Capacity and Fatty Acid Profile of *Swinglea glutinosa* (Blanco) Merr, Cultivated in Cuba. *Journal of Pharmacy and Pharmacognosy* 3 (1): 119

Goyal, M. M., dan A. Basak. 2010. Human Catalase: Looking for Complete Identity. *Protein Cell* 1 (10): 888-897

Haeria, N. Tahar, N. H. Ramadhani. 2017. Uji Efektivitas Imunomodulator Ekstrak Etanol Korteks Kayu Jawa (*Lannea coromandelica* Hout. Merr.) terhadap

Aktivitas dan Kapasitas Fagositosis Makrofag pada Mencit (*Mus musculus*) Jantan. *Jurnal Farmasi Fakultas Ilmu Kedokteran UIN Alauddin Makassar* 5 (4): 294-303

Handayani, N., S. Wahyuono, T. Hertiani, R. Murwanti. 2018. Uji Aktivitas Fagositosis Makrofag Ekstrak Etanol Daun Suji (*Dracaena angustifolia* (Medik.) Roxb.) Secara In Vitro. *Pharmacy Medical Journal* 1 (1): 26-32

Harborne, J. B. 1973. *Pytochemical Methods*. London: Chapman and Hall, p. 190

Hartini, Y. S., S. Wahyuono, S. Widyarini, A. Yuswanto. 2013. Uji Aktivitas Fagositosis Makrofag Fraksi-fraksi dari Ekstrak Metanol Daun Sirih Merah (Piper crocatum Ruiz & Pav.) Secara In Vitro. *Jurnal Ilmu Kefarmasian Indonesia* 11 (2): 108-115

Herwandhani, P., S. Nagadi, I. A. Saktiningtyas. 2011. Potensi Kulit Jeruk Purut (*Citrus hystrix* D.C.) Sebagai Agen Imunomodulator yang Prospektif pada Penekanan Efek Imunosupresikemoter. *Jurnal Saintifika Gadjah Mada* 3 (2): 51-55

Hudu, S. A., A. S. Alshrari, A. Syahida, Z. Sekawi. 2016. Cell Culture, Technology: Enhancing the Culture of Diagnosing Human Diseases. *Journal of Clinical and Diagnostics* 10 (3): 1-5

Ismaryani, S., A. Setiawan, Triwani. 2018. Aktivitas Sitotoksik, Antiproliferasi dan Penginduksi Apoptoksis Daun Salung (*Psychotria viridiflora* Reinw. ex. Blume) terhadap Sel Kanker Serviks HeLa. *Jurnal Ilmu Kefarmasian Indonesia* 16 (2): 206-213

Isnawati, A., H. Mudahar, Kamilatunisah. 2008. Isolasi dan Identifikasi Senyawa Kumarin dari Tanaman *Artemisia annua* (L). *Media Litbang Kesehatan* 18 (3): 107-120

Jackson, S. L., N. Andrews, D. Ball, I. Bellantuono, J. Gray, L. Hachoumi, A. Holmes, J. Latcham, A. Petrie, P. Potter, A. Rice, A. Ritchie, M. Stewart, C. Strepka, M. Yeoman, K. Chapman. 2017. Does age matter? The impact of rodent age on study outcomes. *Laboratory Animals* 51 (2): 160-169

Jain, P. K., dan H. Joshi. 2012. Coumarin: Chemical and Pharmacological Profile. *Journal of Applied Pharmaceutical Science* 2 (6): 236-240

Jamal, Y., dan S. B. Sulianti.2008. Konstituen Kimia Minyak Atsiri Tiga Jenis Tumbuhan Famili Rutaceae. *Berita Biologi* 9 (3): 285-290

Jamalzadeh, L., H. Ghafoori, R. Sariri, H. Rabuti, J. Nasirzade, H. Hasani, M. R. Aghamaali. 2016. Cytotoxic Effects of Some Common Organic Solvents on MCF-7, RAW-264.7 and Human Umbilical Vein Endothelial Cells. *Avicenna Journal of Medical Biochemistry* 4 (1): 1-6

Jantan, I., W. Ahmad dan S. N. A. Bukhari. 2015. Plant-derived immunomodulators: an insight on their preclinical evaluation and clinical trials. *Frontiers Plant in Science* 6 (55): 1-18

Jayakumar, K., dan K. Murugan. 2016. Solanum Alkaloids and Their Pharmaceutical Roles: A Review. *Journal of Analytical and Pharmaceutical Research* 3 (6): 1-14

Jusuf, E. 2010. Kandungan Kuersetin dan Pola Proteomik Varietas Jambu Batu (*Psidium guajava* L.) Tumbuh Liar di Kawasan Cibinong, Bogor. *Berita Biologi* 10 (3): 401-416

Kagan, I. A., dan M. D. Flythe. 2014. Thin-layer Chromatographic (TLC) Separations and Bioassays of Plant Extracts to Identify Antimicrobial Compounds. *Journal of Visualized Experiments* 85: 1-8

Kapondo, G. L., Fatimawali, M. Jayanti. 2020. Isolasi, Identifikasi Senyawa Alkaloid dan Uji Efektivitas Penghambatan dari Ekstrak Daun Sirih (*Piper betle* L.) terhadap Bakteri *Staphylococcus epidermidis*. *eBiomedik* 8 (2): 180-186

Karak, P. 2019. Biological Activities of Flavonoids: An Overview. *International Journal of Pharmaceutical Sciences and Research* 10 (4): 1567-1574

Karimaa, A. 2018. Uji in Vitro Senyawa Antikanker SA 2014 terhadap Aktivitas Fagositosis Sel Makrofag (*Mus musculus*). *Jurnal Sains dan Seni ITS* 7 (2): 27-33

Kedare, S. B., R. P. Singh. 2011. Genesis and development of DPPH method of antioxidant assay. *Journal of Food Science and Technology* 48 (4): 412-422

Keir, L., B. A. Wise, C. Krebs, C. Kelley-Arney. 2007. *Medical Assisting: Administrative and Clinical Competencies*. New York: Cengage Learning, hal. 475

Keller, S., K. Berghoff, H. Kress. 2017. Phagosomal transport depends strongly on phagosome size. *Scientific Reports* 7 (17068): 1-15

Khan, Iqrar A. 2007. *Citrus Genetics, Breeding and Biotechnology*. London: CABI, hal. 73

Kiros, T. G., B. Levast, G. Auray, S. Strom, J. V. Kessel, V. Gerdts. 2012. The Importance of Animal Models in the Development of Vaccines. *Dalam: Innovation in Vaccinology: From Design, Through to Delivery and Testing [Ed: S. Baschieri]*. London: Springer Science and Business, hal. 251-264

Kristiani, E. B. E., S. Kasmiyati, M. M. Herawati. 2015. Skrining Fitokimia dan Aktivitas Antibakteri In Vitro Ekstrak Heksana-Petroleum Eter Artemisia cina Berg. ex Poljakov. *AGRIC* 27 (1): 30-37

Kumar, P., T. Ahamad, D. P. Mishra, M. F. Khan. 2020. *Plant Neoflavonoids: Chemical Structures and Biological Functions*. In: Plant-derived Bioactives (Ed- M. K. Swammy), p. 35-37

Kurniawati, I. F., dan S. Sutoyo. 2021. Review Artikel: Potensi Bunga Tanaman Sukun (*Artocarpus altilis* [Park. I] Fosberg) Sebagai Bahan Antioksidan Alami. *UNESA Journal of Chemistry* 10 (1): 1-11

Kuwayama, K., K. Tsujikawa, H. Miyaguchi, T. Kanamori, Y. Togawa, H. Inoue, T. Kishi, N. Tsunoda. 2005. Effects of the Various Preparation Procedures of Dragendorff Reagent on Sensitivity for Thin Layer Chromatography. *Japanese Journal of Forensic Science and Technology* 10 (2): 127-133

Lade, B. D., A. S. Patil, H. M. Paikrao, A. S. Kale, K. K. Hire. 2014. A Comprehensive Working, Principles and Applications of Thin Layer Chromatography. *Research Journal of Pharmaceutical, Biological and Chemical Sciences* 5 (4): 486-503

Lestari, D. A. 2019. Tehnik Penyimpanan Benih Rekalsitran: *Mesua ferrea* L. dan *Swinglea glutinosa* (Blanco) Merr. *Jurnal Perbenihan Tanaman Hutan* 7 (1): 31-44

Lestari, N. L. G. D., I. B. R. Wiadnya, L. B. K. Dewi. 2017. Pemberian Filtrat Buah Pepaya (*Carica papaya* L.) Terhadap Titer Imunoglobulin G (Igg) pada Kelinci Jantan (*Orytolagus cuniculus*) dengan Teknik Hemaglutinasi. *Jurnal Analis Medika Bio Sains* 4 (1): 23-28

Lewoyehu, M., M. Amare. 2019. Comparative evaluation of analytical methods for determining the antioxidant activities of honey: A review. *Cogent Food and Agriculture* 5 (1): 1-24

Listiani, N., dan Y. Susilawati. 2019. Review Artikel: Potensi Tumbuhan Sebagai Imunostimulan. *Farmaka* 17 (2): 222-232

Manayi, A., M. Vazirian, S. Saeidnia. 2015. *Echinacea purpurea*: Pharmacology, phytochemistry and analysis methods. *Pharmacognosy Review* 9 (17): 63-72

Maria, R., M. Shirley, C. Xavier, P. Claudia. 2018. Total phenolic, flavonoids content and antioxidant activity of ethanolic extracts of ecuadorian plants. *Revista da Faculdade de Farmacia* 60 (2): 3-12

Mather, J. P., dan P. E. Roberts. 1998. *Introduction to Cell and Tissue Culture: Theory and Technique*. New York: Springer, hal. 4

Matos, M. J., L. Santana, E. Uriarte, O. A. Abreu, E. Molina and E. G. Yordi. 2015. *Phytochemicals: Isolation, Characterisation and Role in Human Health*. Munich: Books on Demand, p. 154

McVey, D. S., M. Kennedy, M. M. Chengappa. 2013. *Veterinary Microbiology Third Edition*. New York: John Wiley and Sons, hal. 10

Muhamad, S. H. A., S. On, S. N. A. Sanusi, A. A. Hashim, M. H. A. Zai. 2019. *Antioxidant activity of Camphor leaves extract based on variation solvent. Journal of Physics: Conference Series* 1349: 1-8

Muzuka, M. O. D., A. A. Danimayostu, S. J. Iswarin. 2018. Uji Antioksidan Etosom Ekstrak Daun Jeruk Purut (*Citrus hystrix* D.C.) sebagai Anti Penuaan Kulit dengan Metode DPPH. *Pharmaceutical Journal of Indonesia* 3(2): 39-44

Nebo, L., R. M. Varela, J. M. G. Molinillo, O. M. Sampaio, V. G. P. Severino, C. M. Cazal, M. F. D. G. Fernandes, J. B. Fernandes, F. A. Macias. 2014. Phytotoxicity of Alkaloids, Coumarins and Flavonoids Isolated from 11 Species Belonging to the Rutaceae and Meliaceae Families. *Phytochemistry Letters* 8: 226-232

Nimse, S. B., dan D. Pal. 2015. Free Radicals, Natural Antioxidants, and Their Reaction Mechanisms. *Royal Society of Chemistry Advances* 5: 27986-28006

Nugroho, R. A., Y. P. Sari, E. H. Hardi, R. Aryani. 2019. *Myrmecodia: Efek Fisiologi dan Potensi Manfaat*. Yogyakarta: Deepublish, hal. 54

Nurmila, H. Sinay, T. Watuguly. 2019. Identifikasi dan Analisis Kadar Flavonoid Ekstrak Getah Angsana (*Pterocarpus indicus* Willd) di Dusun Wanath Kecamatan Leihitu Kabupaten Maluku Tengah. *Biopendix* 5 (2): 65-71

Oktariza, S., Y. Ma'aruf, S. B. Etika. 2013. Isolasi dan Karakterisasi Flavonoid dari Daun Sambang Darah (*Excoecaria cochinchinensis* L). *Periodic* 2 (2): 22-27

Oyeleye, O. O., S. T. Ogundeji, S. I. Ola, O. G. Omitogun. 2016. Basics of Animal Cell Culture: Foundation for Modern Science. *Biotechnology and Molecular Biology Reviews* 11 (2): 6-16

Panche, A. N., A. D. Diwan, S. R. Chandra. 2016. Flavonoids: An Overview. *Journal of Nutritional Science* 5 (47): 1-15

Parbuntari, H., Y. Prestica, R. Gunawan, M. N. Nurman, F. Adella. 2018. Preliminary Phytochemical Screening (Qualitative Analysis) of Cacao Leaves (*Theobroma cacao* L.). *Eksakta* 19 (2): 40-47

Patel, K., M. Gadewar, R. Tripathi, S. K. Prasad, D. K. Patel. 2012. A Review on Medicinal Importance, Pharmacological Activity and Bioanalytical Aspects of Beta-Carboline Alkaloid ‘‘Harmine’’. *Asian Pacific Journal of Tropical Biomedicine* 2 (8): 660-664

Pratama, I. V., N. Aji, N. Yulia. 2019. Pengaruh Campuran Pelarut Etil Asetat dan N-Heksana Terhadap Rendemen dan Kandungan Metabolit Sekunder Ekstrak Daun Bidara Arab (*Ziziphus sphina-christi* L). *Pharmacoscript* 2 (1): 1-8

Purcaro, R., K. K. Schrader, C. Burandt, M. Dellagreca, K. M. Meepagala. 2009. Algicide Constituents from *Swinglea glutinosa*. *Journal of Agricultural and Food Chemistry* 57: 10632-10635

Puspitasari, A. D., L. S. Prayogo. 2016. Perbandingan Metode Ekstraksi Maserasi dan Sokletasi Terhadap Kadar Flavonoid Total Ekstrak Etanol Daun Kersen (*Muntingia calabura*). *Jurnal Ilmu Farmasi dan Farmasi Klinik* 13 (2): 16-23

Putra, B. R. N. Azizah, E. M. Nopriyanti. 2020. Efek Imunomodulator Ekstrak Etanol Herba Krokot (*Portulaca oleracea* L.) terhadap Tikus Putih (*Rattus norvegicus*) Jantan dengan Parameter *Delayed Type Hypersensitivity* (DTH). *Jurnal Farmasi Galenika* 6 (1): 20-25

Putri, W. S., N. K. Warditani, L. P. F. Larasanty. 2013. Skrining Fitokimia Ekstrak Etil Asetat Kulit Buah Manggis (*Garcinia mangostana* L.). *Jurnal Farmasi Udayana* 2 (4): 56-60

Radji, M. 2010. *Imunologi dan Virologi*. Jakarta: PT ISFI, hal. 30

Rahayu, S., N. Kurniasih, V. Amalia. 2015. Ekstraksi dan Identifikasi Senyawa Flavonoid dari Limbah Kulit Bawang Merah Sebagai Antioksidan Alami. *Al Kimiya* 2 (1): 1-8

Rahman, M. M., M. B., Islam, M. Biswas, A. H. M. K. Alam. 2015. In Vitro Antioxidant and Free Radical Scavenging Activity of Different Parts of *Tabebuia pallida* Growing in Bangladesh. *BioMed Central Research Notes* 8 (621): 1-9

Rauf, A., Haeria, D. D. Anas. 2016. Efek Imunostimulan Fraksi Daun Katuk (*Sauropus androgynus* L. Merr.) terhadap Aktivitas dan Kapasitas Fagositosis Makrofag pada Mencit Jantan (*Mus musculus*). *Jurnal Farmasi Fakultas Ilmu Kedokteran UIN Alauddin Makassar* 4 (1): 9-15

Restrepo, J.T., S.P.Z. Rojas, J.A.J Martinez. 2010. Method Of Production Of Extract Derived From *Swinglea glutinosa* Leaves. *United States Patent Application Publication* No. 12/466,801

Richards, D. M., dan R. G. Endres. 2014. The Mechanism of Phagocytosis: Two Stages of Engulfment. *Biophysical Journal* 107 (7): 1542–1553

Rosales, C., dan E. U. Querol. 2017. Phagocytosis: A Fundamental Process in Immunity. *BioMed Research International* (2017): 1-18

Russell, P. J., P. E. Hertz, B. McMillan. 2011. *Biology: The Dynamic Science, Volume 3*. New York: Cengage Learning, hal. 975

Sa'adah, H., H. Nurhasnawati. 2015. Perbandingan Pelarut Etanol Dan Air Pada Pembuatan Ekstrak Umbi Bawang Tiwai (*Eleutherine americana* Merr) Menggunakan Metode Maserasi. *Jurnal Ilmiah Manuntung* 1 (2): 149-153

Saptarini, N. M., I. E. Herawati, U. Y. Permatasari. 2016. Total Flavonoids Content in Acidified Extract of Flowers and Leaves Of Gardenia (*Gardenia jasminoides* Ellis). *Asian Journal of Pharmaceutical and Clinical Research* 9 (1): 213-215

Sari, K. A. 2017. Penetapan Kadar Fenolik Total dan Flavonoid Total Ekstrak Beras Hitam (*Oryza sativa* L.) dari Kalimantan Selatan. *Jurnal Ilmiah Ibnu Sina* 2 (2): 327-335

Setiawan, F., O. Yunita, A. Kurniawan. 2018. Uji Aktivitas Antioksidan Ekstrak Etanol Kayu Secang (*Caesalpinia sappan*) Menggunakan Metode DPPH, ABTS, dan FRAP. *Media Pharmaceutica Indonesiana* 2 (2): 82-89

Sidor, A., Gramza-Michalowska, A. 2015. Advanced Research on The Antioxidant and Health Benefit of Elderberry (*Sambucus nigra*) in Food – A Review. *Journal of Functional Foods* 18: 941-958

Simaremare, E. S. 2014. Skrining Fitokimia Ekstrak Etanol Daun Gatal (*Laporta decumana* (Roxb.) (Wedd). *Pharmacy* 11 (1): 98-107

Stashenko, E., J. R. Martinez., J. D. Medina., D. C. Duran. 2015. Analysis of essential oils isolated by steam distillation from *Swinglea glutinosa* fruits and leaves. *Journal of Essential Oil Research* 27 (4): 276-282

Suthanthiran, M., R. E. Morris, T. B. Strom. 1996. Immunosuppressants: cellular and molecular mechanisms of action. *American Journal of Kidney Diseases* 28 (2): 159-172

Sutrisna, E. M. 2016. *Herbal Medicine: Suatu Tinjauan Farmakologis*. Solo: Muhammadiyah University Press, hal. 12

Swain, P., P. K. Nanda, S. K. Nayak, S. S. Mishra. 2014. Basic Techniques and Limitations in Establishing Cell Culture: a Mini Review. *Advances in Animal and Veterinary Sciences* 2 (4): 1-10

Syarifuddin. 2019. *Imunologi Dasar: Prinsip Dasar Sistem Kekebalan Tubuh*. Jakarta: Cendekia Publisher, hal. 5-6, 37

Tanaka, T., H. Sugiura, R. Inaba, A. Nishikawa, A. Murakami, K. Koshimizu, H. Ohigashi. 1999. Immunomodulatory Action of Citrus Auraptene on Macrophage Functions and Cytokine Production of Lymphocytes in Female BALB/C Mice. *Carcinogenesis* 20 (8): 1471–1476

Tristantini, D., A. Ismawati, B.T. Pradana, J. G. Jonathan. 2016. Pengujian Aktivitas Antioksidan Menggunakan Metode DPPH pada Daun Tanjung (Mimusops elengi L). *Prosiding Seminar Nasional Teknik Kimia "Kejuangan": Pengembangan Teknologi Kimia untuk Pengolahan Sumber Daya Alam Indonesia*. Yogyakarta: Universitas Pembangunan Nasional Veteran Yogyakarta

Triyani, Y., I. Herliani, N. Patrisia, S. Achmad, E. Hendyanny, J. Hartati. 2015. Optimasi Dosis dan Perbandingan Efek Ekstrak Etanol Ceplukan (*Physalis angulata*) dengan Obat Herbal Imunomodulator Terstandar terhadap Aktivitas Makrofag Intraperitoneal Mencit Jantan Galur DDY. *Global Medical Health and Communication* 3 (1): 25-31

Tsao, R. 2010. Chemistry and Biochemistry of Dietary Polyphenols. *Nutrients* 2 (12): 1231-1246

Verma, A., M. Verma, A. Singh. 2020. *Animal tissue culture principles and applications*. In: Animal Biotechnology. London: Elsevier, hal. 260-293

Wagner, H., S. Bladt. 2001. *Plant Drugs Analisis, a Thin Layer Chromatography Second Edition*. Berlin: Springer

Weniger B., S. Robledo, G.J. Arango, E. Deharo, R. Aragon, V. Munoz, J. Callapa. A. Lobstein dan R. Anton. 2001. Antiprotozoal activity of Colombian plants. *Journal of Ethnopharmacology* 78: 193-200

WHO (World Health Organization). 2010. *Giemsa Staining of Malaria Blood Films*. Geneva: WHO Press, p. 1

Wiedosari, E. 2007. Peranan Immunomodulator Alami *Aloe vera* Dalam Sistem Imunitas Seluler dan Humoral. *Wartazoa* 17 (4): 165-171

Wullur, A. C., J. Schaduw, A. N. Wardhani. 2012. Identifikasi Alkaloid pada Daun Sirsak (*Annona muricata* L.). *Jurnal Ilmiah Farmasi* 3(2): 54-56

Yanagisawa, H. 2004. Zinc Deficiency and Clinical Practice. *Journal of The Japan Medical Association* 47 (8): 359-364

Young, I. S., dan J. V. Woodside. 2001. Antioxidants in Health and Disease. *Journal of Clinical Pathology* 54: 176-186

Young, K. V. 2007. *Human Physiology*. Denmark: River Publishers, hal.105

Zanluqui N. G., P. F. Wowk, P. Pinge-Filho. 2015. *Macrophage Polarization in Chagas Disease*. *Journal of Clinical and Cellular Immunology* 6: 315-317