

DAFTAR PUSTAKA

- Adianti, M., Aoki, C., Komoto, M., Deng L., Shoji, I., Wahyuni, T. S., Lusida, M.I., Soetjipto., Fuchino, H., Kawahara, N., dan Hotta, H. 2014. Anti-hepatitis C virus compounds obtained from *Glycyrrhiza uralensis* and other Glycyrrhiza species. ***Microbiology Immunology***, Vol. 58, p. 180–187.
- ATCC (American Type Culture Collection). 2011. ***MTT Cell Proliferation Assay***. Diakses melalui <https://www.atcc.org/~media/da5285a1f52c414e864c966fd78c9a79.ashx> pada tanggal 19 Mei 2020.
- Aoki, C., Hartati, S., Santi, M.R., Lydwina, L., Firdaus, R., Hanafi, M., Kardono, L.B.S., Shimizu, Y., Sudarmono, P. & Hotta, H. 2014. Isolation and identification of substances with anti-hepatitis c virus activities from *Kalanchoe pinnata*. ***International Journal of Pharmacy and Pharmaceutical Sciences***, Vol. 6, p. 211-215.
- Apriyanto, D.R., Aoki, C., Hartati, S., Hanafi, M., Kardono, L.B.S., Arsianti, A., Louisa, M., Sudiro, T.M., Dewi, B.E., Sudarmono, P., Soebandrio, A., dan Hotta, H. 2015. Anti-hepatitis C virus activity of a crude extract from longan (*Dimocarpus longan* Lour.) leaves. ***Japanese Journal of Infectious Disease***, Vol. 69, p. 213-220.
- Aziz, S.S.S.A., Sukari, M.A., Rahmani, M., Kitajima, M., Aimi, N., Ahpandi, N.J. 2010. Coumarins from *Murraya paniculata* (Rutaceae). ***Malaysian Journal of Analytical Sciences***, Vol. 14, p. 1-5.
- Baker, D.H.A., Ibrahim, E.A., Kandeil, A., Baz, F.K.E. 2017. Sterols Bioactivity of *Ruta graveolens* L. and *Murraya paniculata* L.

- International Journal of Pharmacy and Pharmaceutical Sciences*, Vol. 9, No. 2, p. 103-108.
- Baugh, J.M., Garcia-Rivera, J.A. dan Gallay, P.A. Host-targeting agents in the treatment of hepatitis C: a beginning and an end. *Antiviral Research*, Vol. 100, p. 555–561.
- BPOM. 2014. *Peraturan Kepala Badan Pengawas Obat Dan Makanan Republik Indonesia Nomor 12 Tahun 2014 Tentang Persyaratan Mutu Obat Tradisional*. Jakarta: BPOM RI.
- BPOM. 2017. *Surat Edaran: Pelarut yang Diizinkan Digunakan dalam Proses Ekstraksi/Fraksinasi Tumbuhan dalam Produk Obat Bahan Alam dan Suplemen Kesehatan beserta Batasan Residunya*. Jakarta: BPOM RI.
- Brass, V., Moradpour, D., dan Blum, H. E. 2006. Molecular Virology of Hepatitis C Virus (HCV). *International Journal of Medical Sciences*, Vol. 3, No. 2, p. 29–34.
- Chayama, K. Eds. 2017. *Hepatitis C Virus Treatment: Highly Effective Therapy with Direct Acting Antivirals and Associated Viral Resistance*. Singapura: Springer.
- Cooke, G.S., Lemoine, M., Thursz, M., Gore, C., Swan, T., Kamarulzaman, A., DuCros, P., Ford, N. 2013. Viral hepatitis and the Global Burden of Disease: a need to regroup. *Journal of Viral Hepatitis*, Vol. 20, p. 600-601.
- Crouchet, E., Wrensch, F., Schuster, C., Zeisel, M.J., and Baumert, T.F. 2018. Host-Targeting Therapies for Hepatitis C Virus Infection: Current Developments and Future Applications. *Therapeutic Advances in Gastroenterology*, Vol. 11, p. 1–15.

- Dalimartha, S. 1999. *Atlas Tumbuhan Obat Indonesia Jilid 1*. Jakarta: Trubus Agriwidya.
- Departemen Kesehatan Republik Indonesia. 1985. *Cara Pembuatan Simplisia*. Jakarta: Direktorat Jenderal Pengawasan Obat Dan Makanan.
- Departemen Kesehatan Republik Indonesia. 2000. *Parameter Standar Umum Ekstrak Tumbuhan Obat*. Jakarta: Departemen Kesehatan RI.
- Departemen Kesehatan Republik Indonesia. 2008. *Farmakope Herbal Indonesia Edisi 1*. Jakarta: Departemen Kesehatan RI.
- Departemen Kesehatan Republik Indonesia. 2013. *Riset Kesehatan Dasar*. Jakarta: Badan Penelitian dan Pengembangan Kesehatan Kementerian Kesehatan RI.
- Dubuisson, J. dan Cosset, F-L. 2014. Virology and cell biology of the hepatitis C virus life cycle – An update. *Journal of Hepatology*, Vol. 61, p. S1-S13.
- FDA (Food and Drug Administration). 2006. *Guidance for Industry: Antiviral Product Development — Conducting and Submitting Virology Studies to the Agency*. Diakses melalui <https://www.fda.gov/media/71223/download> pada tanggal 20 Mei 2020.
- Freiburg, L., Freiburg, A., dan Cooper, M. D. 2013. *Current Topics in Microbiology and Immunology Hepatitis C Virus: From Molecular Virology to Antiviral Therapy*, Prof. Dr. Ralf Bartenschlager (Eds). New York Dordrecht London: Springer Heidelberg, p. 113-134.

- Gautam, M.K., Singh, A., Rao, C.V., Goel, R.K. 2012. Toxicological evaluation of *Murraya paniculata* (L.) Jack leaves extract on rodents. *American Journal of Pharmacology and Toxicology*, Vol. 7, No. 2, p. 62-67.
- Gill, N.S., Kaur, N., dan Arora, R. 2014. International Journal of Institutional Pharmacy and Life Sciences an Overview on: *Murraya paniculata* Linn. *International Standard Serial Number International Journal of Institutional Pharmacy and Life Sciences*, Vol. 4 No. 4, p. 2249–6807.
- Golden-Mason, L. dan Rosen, H.R. 2013. Natural killer cells: multifaceted players with key roles in hepatitis C immunity. *Immunological Review*, Vol. 255, p. 68-81.
- Gonzalez-Grande, R., Jimenez-Perez, M., Gonzalez, A.C., Mostazo, T.J. 2016. New approaches in the treatment of hepatitis C. *World Journal of Gastroenterology*, Vol. 22, p. 1421-1432.
- Gower, E., Estes, C., Blach, S., Razavi-Shearer, K., dan Razavi, H. 2014. Global Epidemiology and Genotype Distribution of the Hepatitis C Virus Infection. *Journal of Hepatology Update Hepatitis C*, Vol. 61 No. 1, p. 45–57.
- Guenther, E. 1987. *Minyak Atsiri Jilid I*. Jakarta: Universitas Indonesia Press.
- Hafid, A. F., Aoki, C., Permanasari, A. A., Adianti, M., Tumewu, L., Widyawaruyanti, A., Wahyuningsih, S. P. A., Wahyuni, T. S., Lusida, M. I., Soetjipto, dan Hotta, H. 2017. Antiviral Activity of the Dichloromethane Extracts from *Artocarpus heterophyllus* Leaves Against Hepatitis C Virus. *Asian Pacific Journal of Tropical Biomedicine*, Vol. 7, No. 7, p. 33–39.

- Hahn-Deinstrop, E. 2007. *Applied Thin-Layer Chromatography*. Jerman: WILEY-VCH Verlag GmbH & Co. KGaA.
- Handayani, S. R. dan Mahanani, P. T. 2019. Uji Aktivitas Antidiabetes Infusa Daun Kemuning (*Murraya paniculata* L. Jack.) pada Mencit Putih Jantan yang Diinduksi Glukosa. *Indonesian Journal on Medical Science*, Vol. 6, No. 1.
- ICTV (*International Committee on Taxonomy of Viruses*). 2018. *Positive-sense RNE Viruses: Flaviviridae, Genus: Hepacivirus*. Diakses melalui https://talk.ictvonline.org/ictv-reports/ictv_online_report/positive-sense-rna-viruses/w/flaviviridae/362/genus-hepacivirus pada tanggal 19 Desember 2019.
- Kartasapoetra, G. 2004. *Budidaya Tanaman Berkhasiat Obat*. Jakarta: PT. Rineka Cipta.
- Kementrian Kesehatan Republik Indonesia. 2014a. *Farmakope Indonesia Edisi V*. Jakarta: Kementrian Kesehatan RI.
- Kementrian Kesehatan Republik Indonesia. 2014b. *InfoDATIN: Situasi dan Analisis Hepatitis*. Diakses pada tanggal 4 November 2019 melalui <https://www.depkes.go.id/download.php?file=download/pusdatin/infodatin/infodatin-hepatitis.pdf>.
- Kementrian Kesehatan Republik Indonesia. 2015. *Peraturan Menteri Kesehatan Republik Indonesia Nomor 53 Tahun 2015 tentang Penanggulangan Hepatitis Virus*. Jakarta: Menteri Kesehatan Republik Indonesia.
- Kementrian Kesehatan Republik Indonesia. 2017. *InfoDATIN: Situasi Penyakit Hepatitis B di Indonesia Tahun 2017*. Diakses pada tanggal 24 Februari 2020 melalui

<https://www.kemkes.go.id/resources/download/pusdatin/infodatin/Infodatin-situasi-penyakit-hepatitis-B-2018.pdf>.

- Kementrian Pertanian. 2011. *Pedoman Teknologi Penanganan Pascapanen Tanaman Obat*. Jakarta: Direktur Budidaya dan Pascapanen Sayuran dan Tanaman Obat, Direktorat Jenderal Hortikultura.
- Kementrian Pertanian. 2019. *Balai Penelitian Tanaman Hias: *Murraya paniculata**. Puslitbang Hortikultura - Badan Penelitian dan Pengembangan Pertanian Kementerian Pertanian, diakses melalui balithi.litbang.pertanian.go.id/berita-579-murraya-paniculata.html pada tanggal 16 Desember 2019.
- Khayriyyah, M.H., Groeger, J., Flaxman, A.D., Wiersma, S.T. 2013. Global epidemiology of hepatitis C virus infection: new estimates of age-specific antibody to hepatitis C virus seroprevalence. *Hepatology*, Vol. 57, p. 1333-1342.
- Kuete, V., Karaosmanoğlu, O., Sivas, H. 2017. Anticancer Activities of African Medicinal Spices and Vegetables. *Medicinal Spices and Vegetables from Africa*, p. 271–297.
- Li, H., Huang, M-H., Jiang, J-D., Peng, Z-G. 2018. Hepatitis C: From inflammatory pathogenesis to anti-inflammatory/hepatoprotective therapy. *World Journal of Gastroenterology*, Vol. 24, No. 47, p. 5297-5311.
- Menteri Kesehatan Republik Indonesia. 2016. *Peraturan Menteri Kesehatan Republik Indonesia Nomor 6 Tahun 2016: Formularium Obat Herbal Asli Indonesia*. Jakarta: Menteri Kesehatan RI.

- Mishra, S., Pandey, A., Manvati, S. 2020. Coumarin: An emerging antiviral agent. *Heliyon*, Vol. 6, No. e03217, p. 1-7.
- Miyamura, T., Lemon, S.M., Walker, C.M., Wakita, T. 2019. *Hepatitis C Virus I: Cellular and Molecular Virology*. Jepang: Springer.
- Moldoveanu, S. dan David, V. 2014. *Modern Sample Preparation for Chromatography*. USA: Elsevier.
- Moradpour, D. dan Penin, F. 2013. Hepatitis C virus proteins: from structure to function. *Current Topics in Microbiology and Immunology*, Vol. 369, p. 113-142.
- Moradpour, D., Penin, F., dan Rice, C.M. 2007. Replication of Hepatitis C Virus. *Nature Reviews Microbiology*, Vol. 5, p. 53–63.
- Mulya, M. dan Suharman. 1995. *Analisis Instrumental*. Surabaya: Airlangga University Press.
- Neta, M.C.S., Vittorazzi, C., Guimarães, A.C., Martins, J.D.L., Fronza M., Endringer D.C., dan Scherer R. 2017. Effects of β -caryophyllene and *Murraya paniculata* essential oil in the murine hepatoma cells and in the bacteria and fungi 24-h time-kill curve studies. *Pharmaceutical Biology*, Vol. 55, No. 1, p. 190-197.
- Nichols, D.B., Leao, R.A.C., Basu, A., Chudayeu, M., Moraes, P.F., Talele, T.T., Costa, P.R.R., Basu, N.K. 2013. Evaluation of Coumarin and Neoflavone Derivatives as HCV NS5B Polymerase Inhibitors. *Chemical Biology and Drug Design*, Vol. 81, p. 607-614.
- Olawore, N.O., Ogunwande, I.A., Ekundayo, O., Adeleke, K.A. 2005. Chemical composition of the leaf and fruit essential oils of *Murraya paniculata* (L.) Jack. (Syn. *Murraya exotica* Linn). *Flavor and Fragrance Journal*, Vol. 20, p. 54-56.

- Pahriyani, A., Sunaryo, H., Kurnia, D. 2017. Aktivitas Ekstrak Daun Kemuning (*Murraya paniculata* (L.) Jack) sebagai Hepatoprotektor pada Tikus yang Terpapar Asap Rokok. ***Jurnal Farmasi Indonesia***, Vol. 15, No. 1, p. 18-25.
- Pedersen-Bjergaard, S., Gammelgaard, B., Halvorsen, T.G. 2019. ***Introduction to Pharmaceutical Analytical Chemistry Second Edition***. UK: John Wiley & Sons Ltd.
- Permadi, A., Sutanto, Wardatun, S. 2015. Perbandingan Metode Ekstraksi Bertingkat dan Tidak Bertingkat terhadap Flavonoid Total Herba Ciplukan (*Physalis angulata* L.) secara Kolorimetri. ***Jurnal Online Mahasiswa Bidang Farmasi***, Vol. 1, No. 1, p. 1-10. Diakses melalui <https://jom.unpak.ac.id/index.php/Farmasi/article/view/706> pada tanggal 31 Desember 2019.
- Popescu, C. dan Dubuisson, J. 2010. Role of Lipid Metabolism in Hepatitis C Virus Assembly and Entry. ***Biology of the Cell***, Vol. 102, p. 63–74.
- Ramos-Vara, J.A. dan Miller, M.A. 2014. When Tissue Antigens and Antibodies Get Along: Revisiting the Technical Aspects of Immunohistochemistry—The Red, Brown, and Blue Technique. ***Veterinary Pathology***, Vol. 51, No. 1, p. 42-87.
- Razavi, H., Waked, I., Sarrazin, C., Myers, R.P., Idilman, R., Calinas, F., Vogel, W., Mendes, Correa, M.C., Hézode, C., Lázaro, P., Akarca, U., Aleman, S., Balik, I., Berg, T., Bihl, F., Bilodeau, M., Blasco, A.J., Brandão, Mello, C.E., Bruggmann, P., Buti, M., Calleja, J.L., Cheinquer, H., Christensen, P.B., Clausen, M., Coelho, H.S., Cramp, M.E., Dore, G.J., Doss, W., Duberg, A.S., El-Sayed, M.H., Ergör, G., Esmat, G., Falconer, K., Félix, J., Ferraz, M.L., Ferreira,

P.R., Frankova, S., García-Samaniego, J., Gerstoft, J., Giria, J.A., Gonçalves, F.L. Jr., Gower, E., Gschwantler, M., Guimarães, Pessôa, M., Hindman, S.J., Hofer, H., Husa, P., Kåberg, M., Kaita, K.D., Kautz, A., Kaymakoglu, S., Krajden, M., Krarup, H., Laleman, W., Lavanchy, D., Marinho, R.T., Marotta, P., Mauss, S., Moreno, C., Murphy, K., Negro, F., Nemecek, V., Örmeci, N., Øvrehus, A.L., Parkes, J., Pasini, K., Peltekian, K.M., Ramji, A., Reis, N., Roberts, S.K., Rosenberg, W.M., Roudot-Thoraval, F., Ryder, S.D., Sarmiento-Castro, R., Semela, D., Sherman, M., Shiha, G.E., Sievert, W., Sperl, J., Stärkel, P., Stauber, R.E., Thompson, A.J., Urbanek, P., Van Damme, P., van Thiel, I., Van Vlierberghe, H., Vandijck, D., Wedemeyer, H., Weis, N., Wiegand, J., Yosry, A., Zekry, A., Cornberg, M., Müllhaupt, B., Estes, C. 2014. The present and future disease burden of hepatitis C virus (HCV) infection with today's treatment paradigm. *Journal of Viral Hepatitis*, Vol. 21, No. 1, p. 34-59.

Reich, E. dan Schibli, A. 2007. *High-Performance Thin-Layer Chromatography for the Analysis of Medicinal Plants*. New York: Thieme.

Ribeiro, C.V.C., dan Kaplan, M.A.C. 2002. Tendências evolutivas de famílias produtoras de cumarinas em *angiospermae*. *Química Nova*, Vol. 25, No. 4, p. 533-538.

Saeed, S., Shah, S., Mehmood, R., Malik, A. 2011. Paniculacin, a new coumarin derivative from *Murraya paniculata*. *Journal of Asian Natural Products Research*, Vol. 13, No. 8, p. 724-727.

Saleh, I.A., Kamal, S.A., Shams, K.A., Abdel-Azim, N.S., Aboutabl, E.A., dan Hammouda, F.M. 2015. Effect of Particle Size on Total

- Extraction Yield and Silymarin Content of *Silybum marianum* L. Seeds. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, Vol. 6, No. 2, p. 803-809.
- Sasidharan, S., Chen, Y., Saravanan, D., Sundram, K.M., Latha, Y. 2011. Extraction, Isolation and Characterization of Bioactive Compounds from Plants' Extracts. *African Journal of Traditional, Complementary, and Alternative Medicines*, Vol. 8, No. 1, p. 1-10.
- Sayar, K., Paydar, M., dan Pinguan-Murphy, B. 2014. Pharmacological Properties and Chemical Constituents of *Murraya paniculata* (L.) Jack. *Medicinal and Aromatic Plants*, Vol. 3, No. 4.
- Scott, J.D., Kim, H.N. 2018. Goals and Benefits with HCV Treatment. *Infectious Diseases Education and Assessment* diakses pada tanggal 25 Februari melalui <https://www.hepatitisc.uw.edu/go/evaluation-treatment/treatment-goals-predicting-response/core-concept/all>.
- Seidemann, J. 2005. *World Spice Plants: Economic Usage, Botany, Taxonomy*. Germany: Springer.
- Septiana A.T. dan Asnani A. 2012. Kajian Sifat Fisikokimia Ekstrak Rumput Laut Coklat *Sargassum duplicatum* Menggunakan Berbagai Pelarut Dan Metode Ekstraksi. *Agrointek*, Vol. 6, No.1, p. 22-28.
- Sharker SM, Shahid IJ, dan Hasanuzzaman M. 2009. Antinociceptive and bioactivity of leaves of *Murraya paniculata* (L.) Jack, Rutaceae. *Brazilian Journal of Pharmacognosy*, Vol. 19, p. 746-748.
- Shoji, I., Deng, L., dan Hotta, H. 2012. Molecular Mechanism of Hepatitis C Virus-Induced Glucose Metabolic Disorders. *Frontiers in Microbiology*, Vol. 2, p. 1–5.

- Smith, D.B., Bukh, J., Kuiken, C., Muerhoff, A.S., Rice, C.M., Stapleton, J.T., dan Simmonds, P. 2013. Expanded Classification of Hepatitis C Virus Into 7 Genotypes and 67 Subtypes: Updated Criteria and Genotype Assignment Web Resource. *Hepatology: Journal of the American Association for the Study of Liver*, Vol. 3, p. 18–27.
- Stahl, E. 2013. *Thin-Layer Chromatography: A Laboratory Handbook 2nd Ed.* Berlin: Springer, p. 52-75.
- Sudarmadji S. dan Suhardi. 2007. *Analisis bahan makanan dan pertanian.* Yogyakarta: Liberty.
- Sukohar, A., Busman, H., Kurniawaty, E., Catur, M.M.S.P. 2017a. Effect of Consumption Kemunings Leaf (*Murraya paniculata* (L.) Jack) Infuse To Reduce Body Mass Index, Waist Circumference and Pelvis Circumference on Obese Patients. *International Journal of Research in Ayurveda & Pharmacy*, Vol. 8, No. 2, p. 75–78.
- Sukohar, A., Pasya, A.V., Soleha, T.U., Sangging, P.R. 2017b. The Effect of Kemuning Leaves (*Murraya paniculata* (L.) Jack) Infusion on SGOT dan SGPT Enzym Activities in Obese Patients. *Biomedical & Pharmacology Journal*, Vol. 10, No. 2, p. 953-958.
- Tamori, A., Enomoto, M., dan Kawada, N. 2016. Recent Advances in Antiviral Therapy for Chronic Hepatitis C. *Hindawi Publishing Corporation*, Vol. 2016, p. 1-11.
- Tresia, G.E., Evvyernie, D., dan Tiuria, R. 2016. Phytochemical Screening and in Vitro Ovicidal, Larvacidal, and Nematicidal Effects of *Murraya paniculata* (L.) Jack Extract on Gastrointestinal Parasites of Goats. *Media Peternakan*, Vol. 39, No. 3, p. 173-179.
- Utama, A., Tania, N.P., Dhenni, R., Gani, R.A., Hasan, I., Sanityoso, A., Lelosutan, S.A.R., Martamala, R., Lesmana, L.A., Sulaiman, A.,

- dan Tai, S. 2010. Genotype diversity of hepatitis C virus (HCV) in HCV-associated liver disease patients in Indonesia. *Liver International*, Vol. 30, No. 8, p. 1152-1160.
- Van Meerloo, J., Kaspers, G.J.L., dan Cloos, J. 2011. Cell Sensitivity Assays: The MTT Assay dalam Cancer Cell Culture: Methods and Protocols, Second Edition. *Methods in Molecular Biology*, Vol. 731, p. 237-245.
- Venugopala, K.N., Rashmi, V., dan Odhav, B. 2013. Review on natural coumarin lead compounds for their pharmacological activity. *BioMed Research International*, Vol. 2013, p. 1-14.
- Verdiana, M., Widarta, I.W.R., Permana, I.D.G.M. 2018. Pengaruh Jenis Pelarut Pada Ekstraksi Menggunakan Gelombang Ultrasonik Terhadap Aktivitas Antioksidan Ekstrak Kulit Buah Lemon (*Citrus limon* (Linn.) Burm F.). *Jurnal Ilmu dan Teknologi Pangan*, Vol. 7, No. 4, p. 213-222.
- Vescovo, T., Refolo, G., Vitagliano, G., Fimia, G.M., Piancentini. 2016. Molecular mechanisms of hepatitis C virus-induced hepatocellular carcinoma. *Clinical Microbiology and Infection*, Vol. 22, No. 10, p 853-861.
- Wahyuni, T. S., Azmi, D., Permanasari, A.A., Adianti, M., Tumewu, L., Widiandani, T., Utsubo, C.A., Widyawaruyanti, A., Fuad, A., Hotta, H. 2019a. Anti-viral activity of *Phyllanthus niruri* against hepatitis C virus. *Malaysian Applied Biology*, Vol. 48, No. 3, p. 105–111.
- Wahyuni, T. S., Mahfud, H., Permanasari, A. A., Fuad, A., Widyawaruyanti, A. 2019b. Synergistic anti-hepatitis C virus activity of *Ruta angustifolia* extract with NS3 protein inhibitor.

- Journal of Basic and Clinical Physiology and Pharmacology*, Vol. 2019, 20190348.
- Wahyuni, T. S., Permatasari, A. A., Widiandani, T., Fuad, A., Widyawaruyanti, A., Aoki-Utsubo, C., dan Hotta, H. 2018. Antiviral Activities of Curcuma Genus against Hepatitis C Virus. *Natural Product Communications*, Vol. 13, No. 12, 1579-1582.
- Wahyuni, T.S., Tumewu, L., Permanasari, A.A., Apriani, E., Adianti M., Rahman, A., Widyawaruyanti, A., Lusida, M.I., Fuad, A., Soetjipto, Nasronudin, Fuchino, H., Kawahara, N., Shoji, I., Deng, L., Aoki, C., dan Hotta, H. 2013. Antiviral Activities of Indonesian Medicinal Plants in the East Java Region Against Hepatitis C Virus. *Virology Journal*, Vol. 10, p. 1–9.
- Wahyuni, T. S., Widyawaruyanti, A., Lusida, M. I., Fuad, A., Soetjipto, Fuchino, H., Kawahara, N., Hayashi, Y., Aoki, C., dan Hotta, H. 2014. Inhibition of Hepatitis C Virus Replication by Chalepin and Pseudane IX Isolated from *Ruta angustifolia* Leaves. *Fitoterapia*, Vol. 99, p. 276–283.
- Wardani, E., Harahap, Y., Mu'nim, A., Bahtiar, A. 2019. Influence of Extraction on the Yield, Phytochemical, and LCMS Profile from Standardized Kemuning Leaf (*Murraya paniculata* (L.) Jack). *Pharmacognosy Journal*, Vol. 11, Issue 6, p. 1455-1462.
- Wardihan, Rusdi, M., Alam, G., Lukman, Manggau, M.A. 2013. Selective Cytotoxicity Evaluation in Anticancer Drug Screening of *Boehmeria virgata* (Forst) Guill Leaves to Several Human Cell Lines: HeLa, WiDr, T47D and Vero. *Journal Pharmaceutical Science*, Vol. 12, No. 2, p. 87-90.

- WHO. 2009. HBV vaccines: WHO position paper. *The Weekly Epidemiological Record*, Vol. 84.
- WHO. 2014. *Hepatitis C*. World Health Organization. Diakses melalui www.who.int pada tanggal 16 November 2019.
- WHO. 2017a. *Global Hepatitis Report, 2017*. Switzerland: Global Hepatitis Programme.
- WHO. 2017b. *Guidelines on Hepatitis B and C Testing*. World Health Organization. Diakses melalui www.who.int pada tanggal 16 November 2019.
- WHO. 2017c. *WHO Expert Committee on Specifications for Pharmaceutical Preparations Fifty-second report*. Diakses melalui <https://apps.who.int/iris/bitstream/handle/10665/272452/9789241210195-eng.pdf?sequence=1&isAllowed=y> pada tanggal 7 Mei 2020.
- WHO. 2018. *Hepatitis C*. World Health Organization. Diakses melalui www.who.int pada tanggal 20 November 2019.
- WHO. 2019. *Hepatitis C*. World Health Organization. Diakses melalui <https://www.who.int/en/news-room/fact-sheets/detail/hepatitis-c> pada tanggal 15 Desember 2019.
- Wijaya, H., Novitasari, Jubaidah, S. 2018. Perbandingan Metode Ekstraksi Terhadap Rendemen Ekstrak Daun Rambai Laut (*Sonneratia caseolaris* L. Engl). *Jurnal Ilmiah Manuntung*, Vol. 4, No. 1, p. 79-83.
- Zeisel, M.B., Crouchet, E., Baumert, T.F., dan Schuster, C. 2015. Host-Targeting Agents to Prevent and Cure Hepatitis C Virus Infection. *Journal of Viruses*, Vol. 7, p. 5659-5685.
- Zhang, L., Li, M.Y., Wang, L.W., Gao, J., Ma, C.M. 2013. Isolation, Identification, Quantification and Inhibitory Activity on HCV

Protease of Coumarins from *Viola yedoensis*. ***Canadian Chemical Transactions***, Vol. 1, p. 157–164.

Zhang, Y., Li, J., Zhou, S.X., Tu, P.F. 2010. Polymethoxylated flavonoids from the leaves of *Murraya paniculata*. ***Chinese Pharmaceutical Journal***, Vol. 45, p. 1139-1141.