DAFTAR PUSTAKA

Adelina, R., Febriyanti, R., Oktoberia, I. S., & Intan, P. R. (2013). *Ekstrak Daun Annona muricata Linn. sebagai Antiproliferasi pada Sel Hepar Tikus Terinduksi 7 , 12 Dimetilbenz [a] antracene (DMBA)*.

Arthur, F., Ebenezer, O., Larbie, C., & Woode, E. (2012). Evaluation of hepatoprotective effect of aqueous extract of Annona muricata (Linn.) leaf against carbon tetrachloride andacetaminophen-induced liver damage. *Journal of Natural Pharmacueticals*, *3*, 25–30.

Arthur, F., Terlabi, B., Larbie, C., & Woode, E. (2011). Evaluation of acute and subchronic toxicity of Annona Muricata (Linn.) aqueous extract in animals. *European Journal of Experimental Biology*, *1*, 115-.

Aziz, T., & Hussain, S. (2008). *Protective Effect of Benfotiamine in the Experimentally–Induced Hepatotoxicity with CCl4 in Rats*. https://doi.org/10.13140/2.1.3664.2880

Bhutta, R., Syed, N., Ahmad, A., & Khan, S. (2021). *SGOT (Aspartate aminotransferase, AST, Glutamic oxaloacetic Transaminase)*. Labpedia. https://labpedia.net/sgot-aspartate-aminotransferase-ast-glutamic-oxaloacetic-transaminase/

Bernal, W., & Wendon, J. (2013). Acute liver failure. *The New England Journal of Medicine*, *369*(26), 2525–2534. https://doi.org/10.1056/NEJMra1208937

BPOM RI. (2014). *Pedoman Uji Toksisitas Praklinik Secara In Vivo*. Jakarta: Direktorat Asli Indonesia, BPOM RI.

Dalton, S. R., Lee, S. M. L., King, R. N., Nanji, A. A., Kharbanda, K. K., Casey, C. A., & McVicker, B. L. (2009). Carbon tetrachloride-induced liver damage in asialoglycoprotein receptor-deficient mice. *Biochemical Pharmacology*, *77*(7), 1283–1290. https://doi.org/10.1016/j.bcp.2008.12.023

Drake, R. L., Vogl, A. W., & Mitchell, A. W. (2014). *Gray Dasar-Dasar Anatomi*. Elsevier.

Dong, S., Chen, Q., Song, Y., Sun, Y., Wei, B., Li, X., & Hu, Y. (2016). *Mechanisms of CCl 4 -induced liver fi brosis with combined transcriptomic and proteomic analysis*. *41*(4), 561–572.

Environmental Protection Agency. (2010). *Toxicological review of carbon tetrachloride*. Washington, DC: US Environmental Protection Agency.

Fajrian, F. M. (2020). *Jurnal Ilmiah Kesehatan Sandi Husada Enzim Transferase*

dengan Bilirubin Total Penderita Ikterus Obstruktif Pendahuluan. *11*(1), 176–182. https://doi.org/10.35816/jiskh.v10i2.240

Fakriah, E., Adriana, & Rusydi. (2019). Sosialisasi Bahaya Radikal Bebas Dan Fungsi Antioksidan Alami Bagi Kesehatan. *JurnalVokasi*, *3*(1).

Ganda, R., Panjaitan, P., Handharyani, E., Zakiah, Z., Manalu, W., Biologi, P. S., Keguruan, F., Tanjungpura, U., Botani, B., Biologi, P., Ilmu, L., Indonesia, P., Biologi, P. S., Matematika, F., Alam, P., & Tanjungpura, U. (2007). *FUNGSI HATI DAN GINJAL TIKUS*. *11*(1), 11–16.

Gunawan, E. (2009). *The Effect Of Cendawan Ukat Cina (Cordyceps sinesis (Berk.) Sacc.) Toward IL-6 Level On Swiss Webster Mice Which Induced by Carbon Tetrachloride (CCl4)*. 18–20.

Haidarjati, A., Fajriyah, N. N., & Slamet. (2020). Uji Aktivitas Nafsu Makan Ekstrak Etanol, Ettil Asetat dan n-Heksan Daun Singkong Pada Tikus Putih Jantan Galur Wistar. *University Research Colloqium*, 484–487.

Hall, J. (2011). *Guyton and Hall Textbook of Medical Physiology*. Elsevier.

Hendra, P., Krisnadi, G., Perwita, N. P., Kumalasari, I., & Quraisyin, A. Y. (2014). Hepatoprotective and Nephroprotective Effect of Avocado Seeds Against Carbon Tetrachloride In Rats. *Traditional Medical Journal*, *19*.

Himawan, H. C., Pramono, P., & Resti, D. A. (2017). Uji Farmakologis Ekstrak Kental Daun Meniran (Phyllanthus niruri Linn) Untuk Membantu Penyembuhan Luka Sayat Pada Tikus Putih Jantan (Rattus norvegicus strain Sprague-Dawley). *Pharmamedica Journal*, *2*(1), 30–39. https://doi.org/10.47219/ath.v2i1.30

Junqueira, L. C. U. (2016). *Junqueira's basic histology : text and atlas*. New York: Mcgraw-Hill Education.

Kumar, V., Abbas, A., & Aster, J. (2015). *Buku Ajar Patologi Robbins* (9th ed.). Elsevier.

Kuna, L., Bozic, I., Kizivat, T., Bojanic, K., Mrso, M., Kralj, E., … Smolic, M. (2018). Models of Drug Induced Liver Injury (DILI) - Current Issues and Future Perspectives. *Current Drug Metabolism*, *19*(10), 830–838. https://doi.org/10.2174/1389200219666180523095355

Kurniasih, N., Kusmiyati, M., Nurhasanah, Sari, R. P., & Wafdan, R. (2015). *POTENSI DAUN SIRSAK (Annona muricata Linn), DAUN BINAHONG (Anredera cordifolia (Ten) Steenis), DAN DAUN BENALU MANGGA (Dendrophthoe pentandra) SEBAGAI ANTIOKSIDAN PENCEGAH*. *9*(1), 162–184.

Lin, H.-M., Tseng, H.-C., Wang, C.-J., Lin, J.-J., Lo, C.-W., & Chou, F.-P. (2008). Hepatoprotective effects of Solanum nigrum Linn extract against CCl4-induced oxidative damage in rats. *Chemico-Biological Interactions*, *171*(3), 283–293. https://doi.org/10.1016/j.cbi.2007.08.008

Louis, W. (2010). *PENGARUH PEMBERIAN PERASAN RIMPANG TEMU PUTIH (Curcuma zedoaria (Berg.) Roscoe) PADA KERUSAKAN SEL HATI TIKUS PUTIH YANG DIINDUKSI CCl4*. UNS.

Ma'at, S. (2012). Curcuma zedoaria and Morinda citrifolia as Hepatoprotector Against Carbon tetrachloride. *Clinical Pathology and Medical Laboratory*, *19*(1), 34–36.

Manna, P., Sinha, M., & Sil, P. C. (2006). Aqueous extract of Terminalia arjuna prevents carbon tetrachloride induced hepatic and renal disorders. *BMC Complementary and Alternative Medicine*, *6*, 33. https://doi.org/10.1186/1472-6882-6-33

Mishra, S. (2012). *Serum and Hepatocyte enzyme*. *1*(3), 1–4.

Mohan, H. (2002). *Textbook of Pathology* (4th ed.). New Delhi: Jaypee brothers Medical Publishers Ltd.

Netter, F. (2017). *The Netter Collection Of Medical Illustrations Digestive System Part III—Liver, Biliary Tract, and Pancreas* (2nd ed.; J. Reynolds, Ed.). Elsevier.

Pertiwi, P. A., & Widyaningsih, W. (2015). The Effect of Ethanol Extract of Ulva Lactuca L On SGPT-SGOT Activity in Rat. *Majalah Obat Tradisional*, *20*(1), 1–6. https://doi.org/10.22146/tradmedj.7752

Pertiwi, W., & Arisanty, D. (2020). *Artikel Riset Dampak Ekstrak Daun Sirsak (Annona muricata pada Viabilitas Cell Line Kanker Payudara T47D Secara In Vitro*. *9*(1), 165–170.

Pham-Huy, L. A., He, H., & Pham-Huy, C. (2008). Free radicals, antioxidants in disease and health. *International Journal of Biomedical Science : IJBS*, *4*(2), 89–96.

Puspitasari, M. L., Wulansari, T. V., Widyaningsih, T. D., & Mahar, J. (2016). *AKTIVITAS ANTIOKSIDAN SUPLEMEN HERBAL DAUN SIRSAK (Annona muricata L .) DAN KULIT MANGGIS (Garcinia mangostana L.) : KAJIAN PUSTAKA Antioxidant Activity Herbal Supplements of Soursop Leaf (Annona muricata L.) and Pericarp of Mangosteen (Garcinia man*. *4*(1), 283–290.

Putri, M. (2014). White turmeric (Curcuma zedoaria): its chemical subtance and the pharmacological benefits. *Majority*, *3*(7), 88–93.

Rasyidah, & Hutasuhut, M. A. (2019). STUDI ETNOBOTANI DAN AKTIVITAS FARMAKOLOGI EKSTRAK DAUN SIRSAK. *KLOROFIL*, *3*(2), 10–14. https://doi.org/10.32388/u88myt

Repositori Badan Litbang Kesehatan RI. (2017). Pembiakan Berencana Tikus Percobaan Strain Wistar-Derived Lembaga Makanan Rakyat untuk Berbagai Keperluan Penelitian Biologik.

Rifkiana. (2020a). Dampak Ekstrak Metanol Daun Kesambi (Schleichera oleosa) pada Kadar Enzim SGPT dan Histopatologi Hepar Mencit (Mus musculus) yang di Induksi CCl4.

Rifkiana, N. A. (2020b). *Dampak Ekstrak Metanol Daun Kesambi (Schleichera oleosa) pada Kadar Enzim SGPT dan Histopatologi Hepar Mencit (Mus musculus) yang di Induksi CCl4*. UIN Maulana Malik Ibrahim.

Saefudin, S., & Chairul. (2014). *Potensi Antioksidan dan AKtivitas Antiproliferasi Ekstrak Kunyit Putih (Curcuma zedoaria) pada Sel Hela*. *17*.

Saputra, S. H., & Sitorus, S. (2014). KUNYIT PUTIH (CURCUMA ZEDOARIA [BERG.] ROSCOE) SEBAGAI PENGAWET DAN ANTIOKSIDAN PANGAN. *E-Jurnal Riset Teknologi Industri*, *8*(16), 168–176.

Sari, E. D., Falyani, S. A., & Damayanti, D. S. (2019). SGOT DAN SGPT SERUM SERTA JUMLAH NEKROSIS SEL HEPAR TIKUS MODEL HIPERLIPIDEMIA EFFECTS OF SOURSOP (A nnona muricata . L) LEAVES WATER EXTRACTON SGOT AND SGPT SERUM LEVELS AND THE AMOUNT OF LIVER NECROSIS. *Jurnal Bio Komplementer Medicine*, 1–10.

Sengupta, M., Sharma, G. D., & Chakraborty, B. (2011). Hepatoprotective and immunomodulatory properties of aqueous extract of Curcuma longa in carbon tetra chloride intoxicated Swiss albino mice. *Asian Pacific Journal of Tropical Biomedicine*, *1*(3), 193–199. https://doi.org/10.1016/S2221-1691(11)60026-9

Sherwood, L. (2016). *Human Physiology From Cells to System* (9th ed.). Boston: Cengage Learning.

Shivarathreeshwara, S. (2016). *Comparative Evaluation of Hepatoprotective Effects of Exotic Fruits*. *7*(8), 1000–1006. https://doi.org/10.13040/IJPSR.0975-8232.7(8).3388-93

Singh, D., Cho, W. C., & Upadhyay, G. (2016). *Drug-Induced Liver Toxicity and Prevention by Herbal Antioxidants : An Overview*. *6*(January), 1–18. https://doi.org/10.3389/fphys.2015.00363

Sotler, R., Poljšak, B., Dahmane, R., Jukić, T., Jukić, D. P., Rotim, C., Trebše, P., & Starc, A. (2019). *PROOXIDANT ACTIVITIES OF ANTIOXIDANTS AND THEIR IMPACT ON HEALTH*. *58*(4), 726–736. https://doi.org/10.20471/acc.2019.58.04.20

Stickel, F., & Schuppan, D. (2007). Herbal medicine in the treatment of liver diseases. *Digestive and Liver Disease : Official Journal of the Italian Society of Gastroenterology and the Italian Association for the Study of the Liver*, *39*(4), 293–304. https://doi.org/10.1016/j.dld.2006.11.004

Suckow, M., Weisbroth, S., & Franklin, C. (2006). *The Laboratory Rat* (Second ed.). New York: Elsevier.

Syed, S. N., Rizvi, W., Kumar, A., Khan, A. A., Moin, S., & Ahsan, A. (2014). In vitro antioxidant and in vivo hepatoprotective activity of leave extract of Raphanus sativus in rats using CCL4 model. *African Journal of Traditional, Complementary, and Alternative Medicines : AJTCAM*, *11*(3), 102–106. https://doi.org/10.4314/ajtcam.v11i3.15

Lobo, V., Patil, A., Phatak, A., & Chandra, N. (2010). *Free radicals , antioxidants and functional foods : Impact on human health*. https://doi.org/10.4103/0973-7847.70902

Teschke, R., Frenzel, C., Glass, X., Schulze, J., & Eickhoff, A. (2012). *Herbal hepatotoxicity : a critical review*. https://doi.org/10.1111/j.1365-2125.2012.04395.x

Tortora, G. J. (2016). *Dasar anatomi & fisiologi : Pemeliharaan dan kontinuitas tubuh manusia* (13th ed.). Jakarta: EGC.

Weng, S. F., Kai, J., Guha, I. N., & Qureshi, N. (2015). The value of aspartate aminotransferase and alanine aminotransferase in cardiovascular disease risk assessment. *Open Heart*, *2*(1), e000272. https://doi.org/10.1136/openhrt-2015-000272

Werdhasari, A. (2014). *Peran Antioksidan bagi Kesehatan*. Jakarta: Pusat Biomedis dan Teknologi Dasar Kesehatan Balitbangkes, Kemenkes RI.

Widyaningrum, H. (2012). *Sirsak Si Buah Ajaib 10.000x Lebih Hebat dari Kemoterapi*. Yogyakarta: Medpress.

World Health Organization. (2004). *CARBON TETRACHLORIDE*. Geneva: World Health Organization.

Yulianti, R., Adilla, L., & Prabowo, I. (2020). Efektivitas Ekstrak Daun Sirsak (Annona Muricata) pada Kadar Malondialdehid Hepar Tikus Diabetik Setelah Diinduksi Aloksan. *Farmasains : Jurnal Ilmiah Ilmu Kefarmasian*, *6*(2), 65–71. https://doi.org/10.22236/farmasains.v6i2.5134

Yoshino, M., Haneda, M., Naruse, M., & Hla, H. (2004). *Prooxidant activity of curcumin : copper-dependent formation and induction of apoptotic cell death*. *18*, 783–789. https://doi.org/10.1016/j.tiv.2004.03.009

Zuraida, zulkarnain, Novianto, F., & Saryanto, S. (2017). Uji Klinik Fase II Ramuan Jamu Sebagai Pelindung Fungsi Hati. *Indonesian Bulletin of Health Research*, *45*(2), 125–136.