

DAFTAR PUSTAKA

- Abdulkadir, W. & Tungadi, R. 2017. The Hepatoprotective Effect Of Sea Cucumber (*Holothuria scabra*) Extract Originating From Gorontalo District Using SGOT And SGPT Parameters On Mice Induced By Hepatotoxic Dose Of Paracetamol. *Int. J. ChemTech Res.* **10**.
- Abubakar, A.R. & Haque, M. 2020. Preparation of Medicinal Plants: Basic Extraction and Fractionation Procedures for Experimental Purposes. 2 *J. Pharm. Bioallied Sci.* **12**: 1–10.
- Adeyemi, O.T., Osilesi, O., O. Adebawo, O., D. Onajobi, F., Oyedemi, S.O. & Afolayan, A.J. 2015. Alkaline Phosphatase (ALP), Aspartate Aminotransferase (AST) and Alanine Aminotransferase (ALT) Activities in Selected Tissues of Rats Fed on Processed Atlantic Horse Mackerel (*Trachurus trachurus*). *Adv. Biosci. Biotechnol.* **06**: 139–152.
- Botros, M. & Sikaris, K.A. 2013. The de ritis ratio: The test of time. *Clin. Biochem. Rev.* **34**: 117–130.
- Chan, W.K., Tan, L.T.H., Chan, K.G., Lee, L.H. & Goh, B.H. 2016. Nerolidol: A sesquiterpene alcohol with multi-faceted pharmacological and biological activities. *Molecules* **21**.
- Dalu, A. & Mehendale, H.M. 1996. Efficient tissue repair underlies the resiliency of postnatally developing rats to chlordecone + CCl₄ hepatotoxicity. *Toxicology* **111**: 29–42.
- De Carvalho, A.C., Rodrigues, L.D.C., Ribeiro, A.I., Da Silva, M.F.D.G.F., De Medeiros, L.S. & Veiga, T.A.M. 2020. Integrated analytical tools for accessing acridones and unrelated phenylacrylamides from *Swinglea glutinosa*. *Molecules* **25**.
- Domitrović, R., Jakovac, H. & Blagojević, G. 2011. Hepatoprotective activity of berberine is mediated by inhibition of TNF- α , COX-2, and iNOS expression in CCl₄-intoxicated mice. *Toxicology* **280**: 33–43.
- Dufour, D.R., Lott, J.A., Nolte, F.S., Gretch, D.R., Koff, R.S. & Seeff, L.B. 2000. Diagnosis and Monitoring of Hepatic Injury . II . Recommendations for Use of Laboratory Tests in Screening , Diagnosis , and Monitoring. *Clin. Chem.* **46**: 2050–2068.
- Farkas, D.H. & Holland, C.A. 2009. Chapter 3 - Overview of Molecular Diagnostic Techniques and Instrumentation. In: *Cell and Tissue Based Molecular Pathology* (R. R. Tubbs & M. H. B. T.-C. and T. B. M. P. Stoler, eds), pp. 19–32. Churchill Livingstone, Philadelphia.
- Fendri, S.T.J., Putri, N.R. & Putri, N.P. 2021. Uji Aktivitas Antioksidan Ekstrak Buah Rotan (*Calamus* sp) Dengan Menggunakan Metode DPPH. *J. Katalisator* **6**: 223–232.
- Fitzpatrick, F. 2005. Cyclooxygenase Enzymes: Regulation and Function. *Curr. Pharm. Des.* **10**: 577–588.

- Gowan Company. 2018. Safety data sheet of EcoSwing.
- Goya-jorge, E., Rodriguez, E.J., Saucedo, Y., Heyden, Y. Vander & Brussel, V.U. 2015. Antioxidant capacity and fatty acid profile of *Swinglea glutinosa* (Blanco) Merr., Cultivated. In: *4th International Symposium on Pharmacology of Natural Products FAPRONATURA 2015*. Journal of Pharmacy & Pharmacognosy Research, Topes de Collantes.
- Hardiningtyas, S.D., Purwaningsih, S. & Handharyani, E. 2014. Aktivitas Antioksidan Dan Efek Hepatoprotektif Daun Bakau Api-Api Putih. *J. Pengolahan Hasil Perikanan Indonesia*. **17**: 80–91.
- Hassler, M. 2022. Synonymic Checklists of the Vascular Plants of the World. Catalogue of Life Checklist.
- He, Y., Jin, L., Wang, J., Yan, Z., Chen, T. & Zhao, Y. 2015. Mechanisms of fibrosis in acute liver failure. *Liver Int*. **35**: 1877–1885.
- Jaramillo-Colorado, B.E., Palacio-Herrera, F.M. & Duarte-Restrepo, E. 2020. Antioxidant and biological activities of essential oil from colombian swinglea glutinosa (Blanco) merr fruit. *Acta Sci. - Biol. Sci.* **42**: 1–11.
- Kendran, A.A.S., Arjana, A.A.G. & Pradnyantari, A.A.S.I. 2017. Aktivitas Enzim Alanine-Aminotransferase dan Aspartate Aminotransferase pada Tikus Putih Jantan yang Diberi Ekstrak Buah Pinang. *Bul. Vet. Udayana* **9**: 132–138.
- Kumagai, T., Matsukawa, N., Kaneko, Y., Kusumi, Y., Mitsumata, M. & Uchida, K. 2004. A lipid peroxidation-derived inflammatory mediator: identification of 4-hydroxy-2-nonenal as a potential inducer of cyclooxygenase-2 in macrophages. *J. Biol. Chem.* **279**: 48389–48396.
- Kurniawan, J. 2021. Perkembangan Terapi Hepatitis B Kronis di Indonesia. *J. Penyakit Dalam Indones.* **8**: 110.
- Lin, Y.Y., Hu, C.T., Sun, D.S., Lien, T.S. & Chang, H.H. 2019. Thioacetamide-induced liver damage and thrombocytopenia is associated with induction of antiplatelet autoantibody in mice. *Sci. Rep.* **9**: 1–11.
- Liu, Z., Que, S., Xu, J. & Peng, T. 2014. Alanine aminotransferase-old biomarker and new concept: A review. *Int. J. Med. Sci.* **11**: 925–935.
- Lu, B., Ran, Y., Wang, S., Li, J., Zhao, Y., Ran, X., *et al.* 2021. Chronic oral depleted uranium leads to reproductive damage in male rats through the ROS-hnRNP A2/B1-COX-2 signaling pathway. *Toxicology* **449**: 152666.
- Martín-Sanz, P., Casado, M. & Boscá, L. 2017. Cyclooxygenase 2 in liver dysfunction and carcinogenesis: Facts and perspectives. *World J. Gastroenterol.* **23**: 3572–3580.
- Mazani, M., Rezagholizadeh, L., Shamsi, S., Mahdavi-fard, S., Ojarudi, M., Salimnejad, R., *et al.* 2020. Protection of CCl₄-induced hepatic and renal damage by linalool. *Drug Chem. Toxicol.* **0**: 1–9.
- Michalopoulos, G.K. 2007. Liver regeneration. *J. Cell. Physiol.* **213**: 286–300.

- National Center for Biotechnology Information. 2022. Polymerase Chain Reaction (PCR).
- Olaleye, M.T., Amobonye, A.E., Komolafe, K. & Akinmoladun, A.C. 2014. Protective effects of *Parinari curatellifolia* flavonoids against acetaminophen-induced hepatic necrosis in rats. *Saudi J. Biol. Sci.* **21**: 486–492.
- Rahman, S.U., Huang, Y., Zhu, L., Chu, X., Junejo, S.A., Zhang, Y., *et al.* 2020. Tea polyphenols attenuate liver inflammation by modulating obesity-related genes and down-regulating COX-2 and iNOS expression in high fat-fed dogs. *BMC Vet. Res.* **16**: 1–12.
- Ramachandran, A. & Jaeschke, H. 2018. Oxidative stress and acute hepatic injury. *Curr. Opin. Toxicol.* **7**: 17–21. Elsevier Ltd.
- Rohmatin, A.R., Susetyarini, E. & Hadi, S. 2012. Kerusakan Sel Hepar Tikus Putih Jantan (*Rattus norvegicus*) yang di Induksi Karbon Tetraklorida (CCl₄) setelah Diberi Ekstrak Etanol Bawang Dayak (*Eleutherine palmifolia* Merr.). *Biol. Sains, Lingkungan, dan Pembelajarannya* 942–947.
- Scholten, D., Trebicka, J., Liedtke, C. & Weiskirchen, R. 2015. The carbon tetrachloride model in mice. *Lab. Anim.* **49**: 4–11.
- Sherwood, L. 2016. *Human Physiology : From Cells to Systems*, 9th ed. Cengage Learning, Boston.
- Sookoian, S. & Pirola, C.J. 2012. Alanine and aspartate aminotransferase and glutamine-cycling pathway: Their roles in pathogenesis of metabolic syndrome. *World J. Gastroenterol.* **18**: 3775–3781.
- Stashenko, E., Martínez, J.R., Medina, J.D. & Durán, D.C. 2015. Analysis of essential oils isolated by steam distillation from *Swinglea glutinosa* fruits and leaves. *J. Essent. Oil Res.* **27**: 276–282.
- Tang, S.H., Gao, J.H., Wen, S.L., Tong, H., Yan, Z.P., Liu, R., *et al.* 2017. Expression of cyclooxygenase-2 is correlated with lncRNA-COX-2 in cirrhotic mice induced by carbon tetrachloride. *Mol. Med. Rep.* **15**: 1507–1512.
- Thakore, K.N. & Mehendale, H.M. 1991. Role of hepatocellular regeneration in CCl₄ autoprotection. *Toxicol. Pathol.* **19**: 47–58.
- Torres, L.R. d. O., Santana, F.C. d., Torres-Leal, F.L., Melo, I.L.P. d., Yoshime, L.T., Matos-Neto, E.M., *et al.* 2016. Pequi (*Caryocar brasiliense* Camb.) almond oil attenuates carbon tetrachloride-induced acute hepatic injury in rats: Antioxidant and anti-inflammatory effects. *Food Chem. Toxicol.* **97**: 205–216.
- Tran, N.M.A., Do, T.H.T., Truong, L.H., Le, D.T., Phan, M.N., Pham, N.K.T., *et al.* 2019. Acridone alkaloids from the rhizomes of *Luvunga scandens* (Roxb.) Buch. Ham. *Nat. Prod. Res.* **33**: 2176–2181.
- Ullah, H., Khan, A., Baig, M.W., Ullah, N., Ahmed, N., Tipu, M.K., *et al.* 2020. Poncein attenuates CCL₄-induced liver injury through inhibition of oxidative stress and inflammatory cytokines in mice. *BMC Complement. Med. Ther.* **20**:

1–14.

- Wahjuni, S., Rustini, N.L. & Yuliantari, P. 2016. Pemberian ekstrak etanol buah buncis (*Phaseolus vulgaris* L.) untuk menurunkan kolesterol total, Low Density Lipoprotein (LDL) dan meningkatkan High Density Lipoprotein (HDL) pada tikus wistar diet tinggi lemak. *J. Kimia*. 103–109.
- Wang, M., Niu, J., Ou, L., Deng, B., Wang, Y. & Li, S. 2019. Zerumbone Protects against Carbon Tetrachloride (CCl₄) via Inhibiting Oxidative Stress and the Inflammatory Response: Involving the TLR4/NF- κ B/COX-2 Pathway. *Molecule* **24**: 1964.
- Yaylak, F., Canbaz, H., Caglikulekci, M., Dirlik, M., Tamer, L., Ogetman, Z., *et al.* 2008. Liver Tissue Inducible Nitric Oxide Synthase (iNOS) Expression and Lipid Peroxidation in Experimental Hepatic Ischemia Reperfusion Injury Stimulated With Lipopolysaccharide: The Role of Aminoguanidine. *J. Surg. Res.* **148**: 214–223.
- Yoshikai, Y. 2001. Roles of prostaglandins and leukotrienes in acute inflammation caused by bacterial infection. *Curr. Opin. Infect. Dis.* **14**: 257–263.
- Zhao, L., Zhang, N., Yang, D., Yang, M., Guo, X., He, J., *et al.* 2018. Protective effects of five structurally diverse flavonoid subgroups against chronic alcohol-induced hepatic damage in a mouse model. *Nutrients* **10**.