

Daftar Pustaka

1. Rohmatin et al. 2015. Kerusakan Sel Hepar Tikus Putih Jantan (*Rattus norvegicus*) yang di Induksi Karbon Tetraklorida (CCl₄) setelah Diberi Ekstrak Etanol Bawang Dayak (*Eleutherine palmifolia* Merr.). Seminar Nasional XII Pendidikan Biologi FKIP UNS. Solo
2. Zakiah, noni et all. 2017. Aktifitas hepatoprotektif ekstrak etanol daun sirsak (*annona muricata* l.) Terhadap kerusakan hati tikus yang diinduksi dengan parasetamol (hepatoprotective activity of the ethanol extract of *annona muricata* l. Leaves against paracetamol induced hepatotoxicity in rats) jurnal action: aceh nutrition journal, mei 2017; 2(1): 25-31
3. Hamidy, M. Yulis et all. 2012. Gambaran Histopatologi Kerusakan Hati Mencit yang Diproteksi dengan Air Rebusan Daun Sirih (*Piper Betle Linn*). JIK, Jilid 3, Nomor 1, Maret 2009, Hal. 40-48 rencana 3
4. Krisnansari, Diah, Hidayat, and Wahyu D. "Potensi Hepatoprotektor Propolis Terhadap Hepar Tikus Putih (*Rattus norvegicus*) Yang Diinduksi Karbon Tetraklorida." *Jurnal Ners* 9 (2014): 270-78.
5. Trisnaningtyas RW et all. 2017. Evaluasi terapi pada pasien Hepatitis B di RSUP dr. Sardjito yogyakarta, *Jurnal Ilmiah Farmasi*13(1) Januari-Juli 2017, 29-34
6. Dewi AC et all. 2016. Efek Ekstrak Propolis terhadap Ekspresi TNF- α , apoptosis dan Nekrosis Jaringan Otak Tikus Model Traumatic Brain Injury (TBI). *Jurnal Kedokteran Brawijaya*, 2016 - jkb.ub.ac.id
7. Kasim, syaharuddin et all. 2012. Hubungan Obesitas dan Hipertrigliseridemia dengan Risiko Perlemakan Hati pada Pasien di Makassar. *Jurnal Farmasi Klinik Indonesia* Volume 1, Nomor 4, Desember 2012
8. (World Health Organization [database on the Internet], Liver Disease - [cited 2018 oct 26]. Available from <http://worldlifeexpectancy.com/country-health-profile/indonesia>.)
9. Depkes. 2016. <http://www.depkes.go.id/pdf.php?id=16042700001> akses tanggal 4 november 2018
10. Monika, B. Propolis prevents hepatorenal injury induced by chronic exposure to carbon tetrachloride. Hindawi Publishing Corporation. Evidence Based Complementary and Alternative Medicine. 2012. Article IDE 235358, 12 pages. doi:10.1155/2012/ 235358.
11. Soroy, Lardo, et al. The effect of a unique propolis compound (Propoelix™) on clinical outcomes in patients with dengue hemorrhagic fever. *Infection and drug resistance*. 2014, 7: 323.

12. Ahmed, M Karim. et all. 2012. Anti-Inflammatory Effect Of Different Propolis Extracts In Thioacetamide-Induced Hepatotoxicity In Male Rat. *Australian Journal of Basic and Applied Sciences*, 6(6): 29-40, 2012
13. Tsai, C.-F., Hsu, Y.-W., Chen, W.-K., Chang, W.-H., Yen., Ho, Y.-C., et al. Hepatoprotective Effect of Electrolyzed Reduced Water Against Carbon Tetrachloride-Induced Liver Damage in Mice. *Food and Chemical Toxicology*. 2009. Vol; 47, 2031–2
14. Alquosemi et all. 2012. Okra' *Hibiscus esculentus* L.: A study of its hepatoprotective activity. *Saudi Pharm J*. 2012 Apr; 20(2): 135–141.
15. Sumarmi. 2018. Korelasi CRP dengan Interleukin 10 Pasien Sirosis Hati Dekompensata. thesis, Universitas Sebelas Maret.
16. Permana, ad et all. 2015. Uji aktivitas antioksidan ekstrak propolis terhadap radikal bebas dpph dengan variasi jenis pelarut. *Jurnal Pascasarjana Unhas* 2015
17. Chakravarti A, Kumaria R. Circulating levels of tumour necrosis factor- α and interferon- γ in patients with dengue and dengue haemorrhagic fever during an outbreak. *Indian J Med Res*. 2006; 123:25–30.
18. Keystone, E.C. & Ware, C.F., 2010. Tumor Necrosis Factor and Anti-Tumor Necrosis Factor Therapies. *The Journal Of Rheumatology*, 12(IMID).
19. Navarro-Gonzalez, J.F. & Mora-Fernandez, C., 2008. The Role of Inflammatory Cytokines in Diabetic Nephropathy. , pp.433–442.
20. Irawati, L dkk. 2015. Ekspresi Tumor Necrosis Alfa (TNF α) dan IL – 10 pada infeksi Malaria Falciparum. *jurnalmka.fk.unand.ac.id*
21. Abbas, A.K., Lichtman, A.H.H. & Pillai, S., 2012. Cytokine. In *Cellular and Molecular Immunology*. Philadelphia: ELSEVIER.
22. Chen et al. 2015. Association between C-reactive protein, incident liver cancer and chronic liver disease mortality in the Linxian Nutrition Intervention Trials: a nested case-control study. *Cancer Epidemiol Biomarkers Prev*; 24(2): 386–392. doi: 10.1158/1055-9965
23. Salazar et al. 2014. C-Reactive Protein: An In-Depth Look into Structure, Function, and Regulation. *International Scholarly Research Notices*. Volume 2014. <http://dx.doi.org/10.1155/2014/653045>
24. Wagh, Vijay D. 2013. Propolis: A Wonder Bees Product and Its Pharmacological Potentials. *Advances in Pharmacological Sciences* Volume 2013, <http://dx.doi.org/10.1155/2013/308249>
25. Galeotti et al. 2018. Chemical Composition and Antioxidant Activity of Propolis Prepared in Different Forms and in Different Solvents Useful for Finished Products. *Foods* 2018, 7, 41; doi:10.3390/foods7030041
26. Huang et al. 2014. Recent Advances in the Chemical Composition of

- Propolis. *Molecules* 2014, 19, 19610-19632; doi:10.3390/molecules191219610
27. Trusheva et al., 2007. Different extraction methods of biologically active components from propolis: a preliminary study. *Chemistry Central Journal*. 1:13 doi:10.1186/1752-153X-1-13
 28. Henderson NC and Iredale JP, 2007, Liver fibrosis: cellular mechanisms of progression and resolution, *Clinical Science* 112, 265–280
 29. Gessner AM, Weiskirchen R, 2006, Modern Pathogenetic Concepts Of Liver Fibrosis Suggest Stellate Cells And Tgf- B As Major Players And Therapeutic Targets, *Journal of Cellular and Molecular Medicine* Vol 10, No 1, pp. 76-99
 30. Bataller R and Brenner DA, 2005, Liver fibrosis, *The Journal of Clinical Investigation* Number 2 Volume 115 :209–218
 31. Tacke F, Zimmermann HW, 2014, Macrophage heterogeneity in liver injury and fibrosis, *Journal of Hepatology* vol. 60:1090–1096
 32. Sadri A, Jeschke MG, Amini-Nik S, 2015, Advances in Liver Regeneration: Revisiting Hepatic Stem/Progenitor Cells and Their Origin, *Journal of Stem Cell International*, Article ID 815192
 33. Elbakry et al. 2015. IMMUNOMODULATORY ROLE OF HONEY AND PROPOLIS ON CARBON TETRACHLORIDE (CCl₄) INJECTED RATS. *Int J Pharm Pharm Sci*, Vol 7, Issue 12, 259-262
 34. Liu et al. 2011. Discovery of serum biomarkers of alcoholic fatty liver in a rodent model: C-reactive protein. *Journal of Biomedical Science* 2011, 18:52
 35. Krinke GJ. 2000. *The Handbook of Experimental Animals: The Laboratory Rat*. London: Academic Press.
 36. Akbar B. 2010. *Tumbuhan Dengan Kandungan Senyawa Aktif Yang Berpotensi Sebagai Bahan Antifertilitas*. Jakarta: Adabia Press.
 37. Ngatidjan. 2006. *Metode Laboratorium dalam Toksikologi. Metode Uji Toksisitas*.
 38. Hubrecht, R. and Kirkwood, J. 2010. *The UFAW Handbook of The Care and Management of Laboratory and Other Research Animals*. Edisi ke-8. Universities Federation for Animal Welfare. p. 311-324
 39. Ishartadiati K. 2009. *Peranan TNF, IL-1, dan IL6 pada respon imun terhadap protozoa*. Surabaya: FK Universitas Wijaya Kusuma
 40. Tahir, zulfikar. 2013. *Pengaruh analgesia multimodal epidural bupivakain 0,125% dan parecoxib 40 mg intravena terhadap ratio kadar antara interleukin-6 dengan interleukin-10 dan intensitas nyeri pada pembedahan laparotomi ginekologi*. Tesis. Universitas hasanuddin. Makasar

41. Silalahi, Triana. 2013. Penilaian Kadar High Sensitivity C-Reactive Protein Pada Subjek Sindrom Metabolik dan Obesitas. Tesis. USU. Medan
42. Kalma. 2018. Studi kadar *C-reactive protein* (CRP) pada penderita diabetes melitus tipe 2. *Jurnal media analisis kesehatan*, vol. 1, edisi 1, juni 2018
43. Firat et all. 2015. The effects of caffeic acid phenethyl ester (CAPE) on bacterial translocation and inflammatory response in an experimental intestinal obstruction model in rats. *European Review for Medical and Pharmacological Sciences* 2015; 19: 1907-1914
44. Tylkowski, B., Trusheva, B., Bankova, V., Giamberini, M., Peev, G., Nikolova, A., 2010. Extraction of biologically active compounds from propolis and concentration of extract by nanofiltration. *Journal of Membrane Science* 348: 124-130.
45. Ullmannova V., Popescu NC., 2007. Inhibition of cell proliferation, induction of apoptosis, reactivation of DLC1, and modulation of other gene expression by dietary flavone in breast cancer cell lines. *Cancer Detect Prev.* 31 (2): 110–8.
46. Dahlan M. *Statistik Untuk Kedokteran dan Kesehatan*. Jakarta : Salemba Medika : 2011
47. Lazarov S. New risk factors for atherosclerosis. *Gen Med.* 2002;4(4):26–34.
48. Mahreni. 2012. Ekstraksi. <https://www.scribd.com/doc/109948749/EKSTRAKSI-1>. Akses tanggal 29 januari 2018
49. Glende, EA Jr, Recknagel, RO. 1992. Phospholipase A2 activation and cell injury in isolated rat hepatocytes exposed to bromotrichloromethane, chloroform, and 1,1-dichloroethylene as compared to effects of carbon tetrachloride. <https://www.ncbi.nlm.nih.gov/pubmed/1553751>.
50. Siswonoto, Susilo. 2008. Hubungan Kadar Malondialdehid Plasma Dengan Keluaran Klinis Stroke Iskemik Akut. Tesis. UNDIP Semarang