

DAFTAR PUSTAKA

- Abe, M., Yoichi, H. 2013. T Helper 17 Cells in Autoimmune Liver Diseases. *Clinical and Developmental Immunology* Volume 2013, Article ID 607073, 6 pages.
- Alrawaiq, N. S. & Abdullah, A. 2014. A Review of Antioxidant Polyphenol Curcumin and its Role in Detoxification. *International Journal of PharmTech Research*, 6 (1), 280-89.
- Asni, E., dkk. 2009. Pengaruh Hipoksia Berkelanjutan terhadap Kadar Malondialdehid , Glutation Tereduksi dan Aktivitas Katalase Ginjal Tikus.
- Ayala, A., Mario F., Sandro A. 2014. Lipid Peroxidation: Production, Metabolisms, Signaling Mechanisms of Malondialdehyde and 4-Hydroxy-2-Nonenal. Department of Biochemistry and Molecular Biology University of Seville.
- Barahoroglu, R., Haluk D., Hanefi O., Irfan B., Mehmet R. 2008. Protective Effects of Antioxidants on the Experimental Liver and Kidney Toxicity in Mice. *European Journal of General Medicine*, Vol. 5 No. 3, 2008.
- Bataller, R. and Brenner DA. 2005. Liver Fibrosis. *The Journal of Clinical Investigation*. 115 : 209-16
- Bhala, *et al.* 2011. The natural history of nonalcoholic fatty liver disease with advanced fibrosis or cirrhosis: an international collaborative study. *Hepatology*. 2011 Oct;54(4):1208-16
- Chicoz-Lach, Halina and Agata, Michalak. 2014. Oxidative Stress as Crucial Factor in Liver Diseases. *World Journal of Gastroenterology* 2014 July 7;20(25): 8082-8091.
- Chundong, Y, *et al.* 2003. Role of fibroblast type 1&2 in CCL4-induced hepatic injury and fibrogenesis. [http://dx.doi.org/10.1016/S0002-9440\(10\)63522-5](http://dx.doi.org/10.1016/S0002-9440(10)63522-5)
- Endrinaldi, 2007. Pengaruh Pemberian Vitamin C dan E Terhadap Kadar MDA dan Kolesterol Darah Kelinci Diabetes Melitus (DM) Akibat Induksi Alokasan. Bagian Kimia Fakultas Kedokteran Universitas Andalas.
- Fu, Y., Zheng, S., Lin, J., Ryerse, J. & Chen, A. 2008. Curcumin Protects the Rat Liver from CCl4-Caused Injury and Fibrogenesis by Attenuating Oxidative Stress and Suppressing Inflammation. *Molecular Pharmacology* 73 (2), 399-409.

- Galli, A., *et al.* (2000) Peroxisome proliferator-activated receptor gamma transcriptional regulation is involved in platelet-derived growth factor-induced proliferation of human hepatic stellate cells. *Hepatology* 31: 101-108.
- Garcia-Tsao, G., Scott F., John I., and Massimo P. 2010. Now There Are Many (Stages) Where Before There Was One: In Search of a Pathophysiological Classification of Cirrhosis. *Hepatology*. 2010 Apr; 51(4): 1445–1449.
- Goel, A., Kunnumakkara, A. B. & Aggarwal, B. B. 2008. Curcumin as “Curecumin”: From kitchen to clinic. *biochemical pharmacology* 75, 787-09.
- Goodman ZD. 2007. Grading and staging systems for inflammation and fibrosis in chronic liver diseases. *J Hepatol*. 2007 Oct;47(4):598-607
- Held, Paul. 2015. An Introduction to Reactive Oxygen Species. Laboratory Manager, Application Dept., BioTek Instruments, Inc. page 1.
- Jaeschke, Hartmut. 2000. Reactive oxygen and mechanisms of inflammatory liver injury. *Journal of Gastroenterology and Hepatology*, DOI: 10.1046/j.1440-1746.2000.02207.x.
- Shimizu, I., Noriko S., Katsumi S., Mai F., Keiko O. 2012. Lipid Peroxidation in Hepatic Fibrosis. Showa Clini, Yokohama, Japan. Chap 22 Hal 483.
- Irving, G. R. B., Karmokar, A., Berry, D. P., Brown, K. & Steward, W. P. 2011. Curcumin: The potential for efficacy in gastrointestinal diseases. *Best Practice & Research Clinical Gastroenterology* 25, 519-34.
- Lee, D.H., Son, D.J., Yoon, D.Y., Han, S.B., and Hong, J.T. 2016. Glutathione Peroxidase 1 Deficiency Attenuates Concanavalin A-Induced Hepatic Injury by Modulation of T-Cell Activation. Medical Research Center, Chungbuk National University. Pg 8 of 10.
- Li, L., Hu, Z., Li, W., Hu, M., Ran, J., Chen, P. & Sun, Q. 2012. Establishment of a Standardized Liver Fibrosis Model with Different Pathological Stages in Rats. *Gastroenterology Research and Practice*, 1-6.
- Li, S., Tan, H., Wang N., Zhang Z., Lao L., Wong C., Feng Y. 2015. The Role of Oxidative Stress and Antioxidants in Liver Diseases. School of Chinese Medicine, Li Ka Shing Faculty of Medicine, The University of Hong Kong, Hong Kong, China.
- Li, X, *et al.* 2010. Mechanism underlying carbon tetrachloride-inhibited protein synthesis in liver. *World J Gastroenterol* 16 (31), 3950-3956.

- Meng, F, *et al* . 2012 . Interleukin-17 signaling in inflammatory, Kupffer cells, and hepatic stellate cells exacerbates liver fibrosis in mice. *Gastroenterology*. 2012 Sep;143(3):765-76
- Moreira, RK. 2007. Hepatic Stellate Cells and liver fibrosis. *Arch Pathol Lab Med*. 2007 Nov;131(11):1728-34.
- Nahwa, Arkhaesi. 2008. Kadar Malondialdehid Serum Sebagai Indikator Prognosis Keluaran pada Sepsis Neonatorum. Tesis Program Pascasarjana Universitas Diponegoro. Hal. 18.
- Lodh, M., Debkanta P., Abhishek M. 2011. Primary Biliary Cirrhosis Presenting with Gastritis, Hyperlipidemia and Marked Weight Loss. *Indian Journal of Clinical Biochemistry* October 2011, Volume 26, Issue 4, pp 423-425
- Nurdjannah, S., 2006, Sirosis Hati dalam Aru, W.S., Bambang, S., Idrus, A., Marcellus, S., Siti, S., (eds): Buku Ajar Ilmu Penyakit Dalam, Edisi keempat, Pusat Penerbitan Departemen Ilmu Penyakit Dalam Fakultas Kedokteran Universitas Indonesia, Jakarta, hal. 445-7
- Oxford Biomedical Research. 2011. 100 Test Cuvette Assay for 2-Thiobarbituric Acid Reactive Substances (TBARS). Oxford Biomedical Research Inc.
- Pandit, A., Tarun S., and Pallavi B. 2012. Drug-Induced Hepatotoxicity: A Review. *Journal of Applied Pharmaceutical Science*. 02 (05); 2012: 233-243.
- Poynard, T., *et al*. 2011. Maintenance therapy with peginterferon alfa-2b does not prevent hepatocellular carcinoma in cirrhotic patients with chronic hepatitis C. *Gastroenterology*. 2011 Jun;140(7):1990-9.
- Sanchez-Valle, V., Chavez T., Uribe. 2012. Role of Oxidative Stress and Molecular Changes in Live Fibrosis. *Curr Med Chem*. 2012;19(28):4850-60.
- Sarin, S. K. & Kapoor, D. 2002. Non-cirrhotic portal fibrosis: Current concepts and management. *Journal of Gastroenterology and Hepatology*, 17, 526-34.
- Shang, Y.-J., *et al*. 2010. Antioxidant capacity of curcumin-directed analogues: Structure–activity relationship and influence of microenvironment. *Food Chemistry* 119.
- Sharma, P., *et al*. 2012. Reactive Oxygen Species, Oxidative Damage, and Antioxidative Defense Mechanism in Plants under Stressful Conditions. *Department of Biochemistry, Faculty of Science, Banaras Hindu University, Varanasi 221005, India*.

- Vernon, G., Baranova A., Younossi Z.M. 2011 . Systematic review: the epidemiology and natural history of non-alcoholic fatty liver disease and non-alcoholic steatohepatitis in adults. *Aliment Pharmacol Ther.* 2011 Aug;34(3):274-85
- Winarsi, Hery, M. S. 2007. *Antioksidan Alami dan Radikal*. Penerbit Kanisius.Yogyakarta
- Xu, J., Fu, Y., Chen, A. 2003. Activation of peroxisome proliferator-activated receptor- γ contributes to the inhibitory effects of curcumin on rat hepatic stellate cell growth. *American Journal of Physiology - Gastrointestinal and Liver Physiology* Published 9 June 2003 Vol. 285 no. 1, G20-G30 DOI: 10.1152/ajpgi.00474.2002
- Zhang, F., *et al.* 2014. Curcumin Attenuates Angiogenesis in Liver Fibrosis and Inhibits Angiogenic Properties of hepatic Stellate Cells. *J Cell Mol Med.* 2014 Jul; 18(7): 1392–1406.

