

## DAFTAR PUSTAKA

- Abdel-Misih, S. R., & Bloomston, M. (2010). Liver anatomy. *The Surgical clinics of North America*, 90(4), 643–653. <https://doi.org/10.1016/j.suc.2010.04.017>
- Aiub, C. A., Pinto, L. F., & Felzenszwalb, I. (2004). Standardization of conditions for the metabolic activation of N-nitrosodiethylamine in mutagenicity tests. *Genetics and molecular research : GMR*, 3(2), 264–272.
- Ali, F., Rahul, Naz, F., Jyoti, S., & Siddique, Y. H. (2015). Protective effect of Genistein against N-nitrosodiethylamine (NDEA)-induced hepatotoxicity in Swiss albino rats. *Journal of pharmaceutical analysis*, 5(1), 51–57. <https://doi.org/10.1016/j.jpha.2014.07.003>
- Amirudin, R. (2009). *Buku Ajar Ilmu Penyakit Dalam : Fisiologi & Biokimia Hepar*. Edisi V. Jakarta: Interna Publishing.
- Ampy, F.R. & Williams, A.O. (1986). Dimethylnitrosamine metabolism: I. In vitro activation of dimethylnitrosamine to mutagenic substance(s) by hepatic and renal tissues from three inbred strains of mice. *Life Sci*. 39: 923-930.
- Arboatti, A. S., Lambertucci, F., Sedlmeier, M. G., Pisani, G., Monti, J., Álvarez, M. L., Francés, D., Ronco, M. T., & Carnovale, C. E. (2018). Diethylnitrosamine Increases Proliferation in Early Stages of Hepatic Carcinogenesis in Insulin-Treated Type 1 Diabetic Mice. *BioMed research international*, 2018, 9472939. <https://doi.org/10.1155/2018/9472939>
- Assi, M. A., Hezmee, M. N., Haron, A. W., Sabri, M. Y., & Rajion, M. A. (2016). The detrimental effects of lead on human and animal health. *Veterinary world*, 9(6), 660–671. <https://doi.org/10.14202/vetworld.2016.660-671>
- Basit, H., Tan, M. L., & Webster, D. R. (2020). Histology, Kupffer Cell. In *StatPearls*. StatPearls Publishing.
- Braun, C. A. & Anderson, C. M. (2007). *Pathophysiology: Functional Alterations in Human Health*. Lippincott Williams & Wilkins. p. 17. ISBN 9780781762502.
- Bruell, J. H., Daroczy, A. F., & Hellerstein, H. K. (1962). Strain and sex differences in serum cholesterol levels of mice. *Science (New York, N.Y.)*, 135(3508), 1071–1072. <https://doi.org/10.1126/science.135.3508.1071>
- Covelli, I., Rossi, R., Mozzi, R. & Frati, L. (1972), Synthesis of Bioactive <sup>131</sup>I-Labeled Epidermal Growth Factor and Its Distribution in Rat Tissues. *European Journal of Biochemistry*, 27: 225-230. <https://doi.org/10.1111/j.1432-1033.1972.tb01830.x>

- El-Kharrag, R., Owen, R., & Boison, D. (2019). Adenosine Kinase Deficiency Increases Susceptibility to a Carcinogen. *Journal of caffeine and adenosine research*, 9(1), 4–11. <https://doi.org/10.1089/caff.2018.0019>
- Farazi, P. A., & DePinho, R. A. (2006). Hepatocellular carcinoma pathogenesis: from genes to environment. *Nature reviews. Cancer*, 6(9), 674–687. <https://doi.org/10.1038/nrc1934>
- Feingold, K. R., & Grunfeld, C. (2018). Introduction to Lipids and Lipoproteins. In K. R. Feingold (Eds.) et. al., *Endotext*. MDText.com, Inc.
- Hanukoglu, I. (1992). Steroidogenic enzymes: structure, function, and role in regulation of steroid hormone biosynthesis. *The Journal of steroid biochemistry and molecular biology*, 43(8), 779–804. [https://doi.org/10.1016/0960-0760\(92\)90307-5](https://doi.org/10.1016/0960-0760(92)90307-5)
- Ioannou, G. N. (2016). The Role of Cholesterol in the Pathogenesis of NASH. *Trends in endocrinology and metabolism: TEM*, 27(2), 84–95. <https://doi.org/10.1016/j.tem.2015.11.008>
- Jiang, J. T., Xu, N., Zhang, X. Y., & Wu, C. P. (2007). Lipids changes in liver cancer. *Journal of Zhejiang University. Science. B*, 8(6), 398–409. <https://doi.org/10.1631/jzus.2007.B0398>
- Khan, M. G. (2006). *Encyclopedia of Heart Disease*. Oxford: Elsevier Academic Press.
- Kmieć, Z. (2001). Cooperation of liver cells in health and disease. *Advances in anatomy, embryology, and cell biology*, 161, III–151. <https://doi.org/10.1007/978-3-642-56553-3>
- Kumar, V., Abbas, A., & Aster, J. (2013). *Robbins Basic Pathology*. Philadelphia, USA: Elsevier. ISBN 9780808924326.
- Kumar, V., Abbas, A., & Aster, J. (2014). *Robbins Basic Pathology: Basis of Disease*. Philadelphia, USA: Elsevier. ISBN 9780323296359.
- Kushida, M., Kamendulis, L. M., Peat, T. J., & Klaunig, J. E. (2011). Dose-related induction of hepatic preneoplastic lesions by diethylnitrosamine in C57BL/6 mice. *Toxicologic pathology*, 39(5), 776–786. <https://doi.org/10.1177/0192623311409596>
- Maton, A. (1993). *Human biology and health*. Englewood Cliffs, N.J: Prentice Hall.
- Michelle, A., Hopkins, J., McLaughlin, C. W., Johnson, S., Warner, M. Q., LaHart, D., Wright, J.D. (1993), *Human Biology and Health*. Englewood Cliffs, New Jersey, USA: Prentice Hall. ISBN 978-0-13-981176-0.
- Montgomery, D. C. (2001). *Introduction to statistical quality control*. 4th Edition. New York: John Wiley & Sons, Inc.

- Moore, K. (2018). *Clinically oriented anatomy*. (Eighth ed.). NY: Lippincott Williams & Wilkins. ISBN 9781496347213.
- Nakatsuru, Y., Matsukuma, S., Nemoto, N., Sugano, H., Sekiguchi, M., & Ishikawa, T. (1993). O6-methylguanine-DNA methyltransferase protects against nitrosamine-induced hepatocarcinogenesis. *Proceedings of the National Academy of Sciences of the United States of America*, 90(14), 6468–6472. <https://doi.org/10.1073/pnas.90.14.6468>
- National Cancer Institute (2020). *NCI Dictionary of Cancer Terms: Hyperplasia*. Diakses pada Desember 9, 2020 dari <https://www.cancer.gov/publications/dictionaries/cancer-terms/def/hyperplasia>
- National Center for Biotechnology Information (2020). *PubChem Compound Summary for CID 5921, N-Nitrosodiethylamine*. Diakses pada Oktober 24, 2020 dari <https://pubchem.ncbi.nlm.nih.gov/compound/N-Nitrosodiethylamine>
- Ohashi, R., Mu, H., Wang, X., Yao, Q., & Chen, C. (2005). Reverse cholesterol transport and cholesterol efflux in atherosclerosis. *QJM : monthly journal of the Association of Physicians*, 98(12), 845–856. <https://doi.org/10.1093/qjmed/hci136>
- OpenStax College - Anatomy & Physiology, Connexions Web site. Jun 19, 2013. Diakses pada November 18, 2020, dari <http://cnx.org/content/col11496/1.6/>
- Pani, P., Dessi, S., Rao, K. N., Batetta, B., & Laconi, E. (1984). Changes in serum and hepatic cholesterol in lead-induced liver hyperplasia. *Toxicologic pathology*, 12(2), 162–167. <https://doi.org/10.1177/019262338401200208>
- Parindra, Nori. (2007). *Penampilan Reproduksi Mencit Putih (Mus musculus) Dengan Penambahan Kunyit (Curcuma domestica) Dalam Pakan*. Skripsi: Institut Pertanian Bogor. Diakses dari <http://repository.ipb.ac.id/handle/123456789/49308>
- Pegg A. E. (1980). Formation and subsequent repair of alkylation lesions in tissues of rodents treated with nitrosamines. *Archives of toxicology. Supplement*. = *Archiv fur Toxikologie. Supplement*, 3, 55–68. [https://doi.org/10.1007/978-3-642-67389-4\\_5](https://doi.org/10.1007/978-3-642-67389-4_5)
- Pegg, A. E., (1980). Metabolism of N-nitrosodimethylamine. *IARC scientific publications*, (27), 3–22.
- Porth, C. (2011). *Essentials of Pathophysiology: Concepts of Altered Health States*. Lippincott Williams & Wilkins. ISBN 9781582557243

- Primer, K. R., Psaltis, P. J., Tan, J., & Bursill, C. A. (2020). The Role of High-Density Lipoproteins in Endothelial Cell Metabolism and Diabetes-Impaired Angiogenesis. *International journal of molecular sciences*, 21(10), 3633. <https://doi.org/10.3390/ijms21103633>
- Reh, B. D., & Fajen, J. M. (1996). Worker exposures to nitrosamines in a rubber vehicle sealing plant. *American Industrial Hygiene Association journal*, 57(10), 918–923. <https://doi.org/10.1080/15428119691014431>
- Robles, H. (2014). *Nitrosamines. Encyclopedia of Toxicology*, 584–585. doi:10.1016/b978-0-12-386454-3.00523-6
- Rodwell, V. (2015). Harper's illustrated biochemistry. (Terj.) : Darmawan, I., *Biokimia*. Edisi ke-20. Jakarta: Penerbit Buku Kedokteran EGC.
- Saffhill, R., Margison, G. P., & O'Connor, P. J. (1985). Mechanisms of carcinogenesis induced by alkylating agents. *Biochimica et biophysica acta*, 823(2), 111–145. [https://doi.org/10.1016/0304-419x\(85\)90009-5](https://doi.org/10.1016/0304-419x(85)90009-5)
- Saito, N., Sairenchi, T., Irie, F., Iso, H., Iimura, K., Watanabe, H., Muto, T., & Ota, H. (2013). Low LDL cholesterol levels are associated with elevated mortality from liver cancer in Japan: the Ibaraki Prefectural health study. *The Tohoku journal of experimental medicine*, 229(3), 203–211. <https://doi.org/10.1620/tjem.229.203>
- Santos, P. N., Colaço, A., Gil da Costa, R. M., Oliveira, M. M., Peixoto, F., & Oliveira, A. P. (2014). N-diethylnitrosamine mouse hepatotoxicity: time-related effects on histology and oxidative stress. *Experimental and toxicologic pathology : official journal of the Gesellschaft für Toxikologische Pathologie*, 66(9-10), 429–436. <https://doi.org/10.1016/j.etp.2014.07.002>
- Sari, W. N., Saebani, S., & Dhanardhono, T. (2018). Pengaruh Pemberian Butylated Hydroxytoluene (2,6-DI-Tert-Butyl-4-Methylphenol) Per Oral Dosis Bertingkat terhadap Gambaran Histopatologis Hepar Tikus Wistar. *Diponegoro Medical Journal (Jurnal Kedokteran Diponegoro)*, 7(2), 1344-1357.
- Sembulingam, K. & Sembulingam, P. (2012). *Essentials of Medical Physiology*. JP Medical Ltd. ISBN 9789350259368.
- Setyadi, A. D. (2006). *Organ Reproduksi & Kualitas Sperma Mencit (Mus musculus) yang mendapat Pakan Tambahan Kemangi (Ocimum basilicum) Segar*. Bogor: Program Studi Teknologi Produksi Ternak Fakultas Peternakan Institut Pertanian Bogor.
- Silitonga, F. M. P. 2008. Penampilan Reproduksi Mencit (Mus musculus) yang Diberi Daun Torbangun (Coleus amboinicuslour) & Taraf sop Daun Torbangun Kering. Skripsi, Institut Pertanian Bogor. Diakses dari <http://repository.ipb.ac.id/handle/123456789/10458>

- Thorgeirsson, S. S., & Grisham, J. W. (2002). Molecular pathogenesis of human hepatocellular carcinoma. *Nature genetics*, 31(4), 339–346. <https://doi.org/10.1038/ng0802-339>
- Tirtawanata, T. C. (2006). *Makanan dalam Perspektif Al-Qur'an & Ilmu Gizi*. Jakarta: Balai Penerbit FKUI.
- Tolba, R., Kraus, T., Liedtke, C., Schwarz, M., & Weiskirchen, R. (2015). Diethylnitrosamine (DEN)-induced carcinogenic liver injury in mice. *Laboratory animals*, 49(1), 59–69. <https://doi.org/10.1177/0023677215570086>
- Tricker, A. R., & Preussmann, R. (1991). Carcinogenic N-nitrosamines in the diet: occurrence, formation, mechanisms and carcinogenic potential. *Mutation research*, 259(3-4), 277–289. [https://doi.org/10.1016/0165-1218\(91\)90123-4](https://doi.org/10.1016/0165-1218(91)90123-4)
- Turan B. (2010). Role of antioxidants in redox regulation of diabetic cardiovascular complications. *Current pharmaceutical biotechnology*, 11(8), 819–836. <https://doi.org/10.2174/138920110793262123>
- Wedro, B., Anand, B. S., & Stöppler, M. C. (2020) Anatomy and Function of the Liver. Diakses pada Februari 23, 2021 dari: [https://www.medicinenet.com/liver\\_anatomy\\_and\\_function/article.htm](https://www.medicinenet.com/liver_anatomy_and_function/article.htm)
- Wedro, B., Anand, B. S., & Stöppler, M. C. (2020) Liver Disease. Diakses pada Februari 23, 2021 dari: [https://www.medicinenet.com/liver\\_disease/article.htm](https://www.medicinenet.com/liver_disease/article.htm)
- Williams, G. M., Iatropoulos, M. J., & Jeffrey, A. M. (2000). Mechanistic basis for nonlinearities and thresholds in rat liver carcinogenesis by the DNA-reactive carcinogens 2-acetylaminofluorene and diethylnitrosamine. *Toxicologic pathology*, 28(3), 388–395. <https://doi.org/10.1177/019262330002800306>
- Xu, M., Zhao, Q., Shao, D., Liu, H., Qi, J., & Qin, C. (2017). Chenodeoxycholic Acid Derivative HS-1200 Inhibits Hepatocarcinogenesis and Improves Liver Function in Diethylnitrosamine-Exposed Rats by Downregulating MTH1. *BioMed research international*, 2017, 1465912. <https://doi.org/10.1155/2017/1465912>
- Youssef, M.I. Maghraby, H. Youssef, E.A. & El-Sayed, M.M.. (2012). Expression of Ki 67 in hepatocellular carcinoma induced by diethylnitrosamine in mice and its correlation with histopathological alterations. *Journal of Applied Pharmaceutical Science*. 2. 52-59.
- Zhang, J., Cao, X., Liu, B., & Luan, F. (2019). The alterations of cholesterol, HDL-cholesterol and LDL-cholesterol in Chinese with hepatocellular carcinoma: A cross-sectional study. *Asian journal of surgery*, 42(10), 938–939. <https://doi.org/10.1016/j.asjsur.2019.07.002>

Zhang, Z., Wang, D., Qiao, S., Wu, X., Cao, S., Wang, L., Su, X., & Li, L. (2017). Metabolic and microbial signatures in rat hepatocellular carcinoma treated with caffeic acid and chlorogenic acid. *Scientific Reports*. 7. 10.1038/s41598-017-04888-y.