

DAFTAR PUSTAKA

- Ad-Dimasyqi, Al- Imam Abul Fida Isma'il Ibnu Kasir. 2000. *Tafsir Ibnu Kasir Juz 3*. Bandung : Sinar Baru Algensindo
- Adiwisastra, A. 1987. *Keracunan, Sumber, Bahaya serta Penanggulangannya*. Bandung : Angkasa
- Albert, B, D. Bray, J. dkk. 2002. Moleculer Biology of the Cell. *Garland Publishing Inc. New York*. 1293
- Al-Maraghi, A. M. 1987. *Terjemah Tafsir Al-Maraghi 3*. Semarang : CV. Toha Putra
- Amin, K. 2003. Relationship Between Inflammatory Cells And Structural Changes In The Lungs Of Asymptomatic And Never Smokers: A Biopsy Study. *Thorax*. 58 : 135-42
- Anderson, O., Cassel, T. N., Skold, C. M, et al. 1999. Clara Cell Secretory Protein-Levels in BAL Fluid After Smoking Cessation. *Chest*. 1999 ; 118 : 180-2
- Arechiga, CG. 1994. Efficacy of Vitamin E and Glutathione for Thermoprotection of Murine Morulae. *Theriogenology*. 1994 ; 41 : 1545-1553
- Ash-Shiddieqy. 2009. *Sejarah dan Pengantar Ilmu al-Qur'an dan Tafsir*. Semarang : Pustaka Rizki Putra
- Barar, J. 2006. Modulation of Cellular Transport Characteristics of The Human Lung Alveolar Epithelia. *Journal of Pharmaceutical Research* (2006) 3 : 163-171
- Beckman, K. B, Ames, B. N. 1998. The Free Radical Theory of Aging Matures. *Physiological Reviews*, 78 (2) : 547-581
- Bills, R. F and Christie, B. R. 1980. The Experimental Pathology of Oxidant and Air Pollutant Inhalation. *Int. Rev. Exp. Pathol.* 21: 195-293
- Bolt, M. W. 2001. Effects of Vitamin E on Cytotoxicity of Amiodarone and *N*-desethylamiodarone in Isolated Hamster Lung Cells. *Toxicology*. 166 (2001) 109-118
- Budiono, A. 2002. *Teknik Aseptik dan Upaya Mencegah Kontaminasi pada Kultur Jaringan*. Modul Pelatihan Dosen Universitas Bogor

- Burkitt, H. G, Young, B, Heath, J. W. 1993. *Wheater's Functional Histology: A Text and Color Atlas 3rd Edition*. Churchill Livingstone, 1993
- Campbell, Reece-Mitchell. 2004. *Biologi, Edisi Kelima, Jilid 3*. Alih bahasa : Wasmen Manulu. Jakarta : Erlangga.
- Castilla, Rafael, Gonzales, Raul, Fouad, Dalia, and Fraga, Enrique. 2004. Dual Effect Of Ethanol On Cell Death In Primary Culture Of Human And Rat Hepatocytes. Spain. *Alcohol & Alcoholism* Volume 39, No. 4, pp. 290-296
- Chairman, J. R. K, Anderson, P, Bull, A, Cameron, D, Norris, H dan Parker, V. 1991. Alcohol and the Public Health. *MacMillan Education LTD*
- Chamulirat, W, Carnal, J, Reed, N. M, Spitzer, J. J. 1988. In Vivo Endotoxin Enhances Biliary Etanol-Dependent Free Radical Generation. *AJP-Gastrointest Liver PHYSIOL*. 274 (4): G653-G661
- Chen, Shau-Yu, Yang Bing, Jacobson Ken, And Sulik Kathleen K. 1996. The Membran Disordering Effect of Ethanol on Neural Crest Cells In Vitro and The Protective Role of GM1 Gang Lioside. USA, *Alchohol* Vol 13, No 6, pp. 589-595
- Chow, C. K. 1991. Vitamin E and Oxidative Stress. Free Radical. *Journal of Biology Medicine*. 1991 ; 11 : 215-232
- _____.1979. Nutritional Influence On Cellular Antioxsdiant Defense Systems. *Am J Clin Nutr*. 1979 ; 32 : 1066-1081
- Cohen, R. 2003. Antioxidants and Fetal Protection Againts Ethanol Teratogenicity I. Review of The Experimental Data and Implication to Humans. *Neurotoxicol. Teratol.* 25. I, 2003
- Cotran, R. S. 1995. *Patologi Edisi 4*. Jakarta : EGC
- Cuppini, R. 2001. A-Tokopherol Controls Cell Proliferation in The adult Rat Dentate Gyrus. *Neuroscience Letters*. 303 (2001) 198-200
- Dixon, D, Herbert, R. A, Sills, R. C, and Boorman, G. A. 1999. *Lungs, Pleura, and Mediastinum in : Maronpot RR, Boorman GA, Gaul BW. Pathology of the Mouse Reference and Atlas*. Illinois : Cache River Press, 1999
- Djajanegara, I. 2009. Pemakaian Sel Hela dalam Uji Sitotoksitas Fraksi Kloroform dan Etanol Ekstrak Daun *Annona squamosa*. *Jurnal Ilmu Kefarmasian Indonesia*, hal 7-11 Vol 7, No. 1

- Djati, M. S. 2006. *Teknologi Manipulasi dan Kultur Sel Jaringan Hewan*. Malang : UB Press
- Dreisbach, R. H. 1971. *Handbook of Poisoning : Diagnosis Treatment*. 7th. California : Large Medical Publication
- Elzay, R. P. 1967. Dimethyl Sulfoxide an Experimental Oral Carcinogenesis in Hamster. *Journal of Biology Medicine* ; 06 : 21-26
- Freshney, R. I. 2000. *Culture of Animal Cells, Fourth Edition.A Manual of Basic Technique*. New York : John Wiley & Sons, Inc Publication
- _____. 2002. *Culture of Epithelial Cells Second Edition. A Manual of Basic Technique*. New York : John Wiley & Sons, Inc Publication
- Goodman's and Gilman's. 1991. The Pharmacological Basis of Therapeutics.8th edition, Vol.1
- Halliwell, B. 1994. *Free Radical in Biology and Medicine*, 2nd edn. Oxford : Clarendon Press
- Hamada, M. 2002. Lymphatic Absorptive Process of Vitamin E and Phagocytosis by Alveolar Macrophages in Rats. *Nutrition Research* Vol 22, 2002 : 481-488
- Hanafiah, Kemas Ali. 2010. *Rancangan Percobaan Teori dan Aplikasi Edisi 2 Cetakan 4*. Jakarta : PT Raja Grafindo Persada
- Hariyatmi. 2004. Kemampuan Vitamin E sebagai Antioksidan terhadap Radikal Bebas pada Lanjut Usia. *Jurnal MIPA* Vol 14 No. 1. Surakarta
- Hasky, DL. 1978. Freeze-Fracture Studies of The Developing Cell Surface. *J. Cell.Biol.* 78: 756-768
- Herbert, R. and Leininger, J. R. 1999. *Nose, Larynx, and Trachea In : Pathology of the Mouse Reference and Atlas*. Maronpot RR, Boorman GA, Gaul BW (eds.) Illinois : Cache River Press
- Hillbom, M, 1999. Oxidan, Antioxidan, Alcohol, and Stroke. *Fronties in Bioscience* 4 e. August 15, 1999 : 67-71
- Hoek, J. B. 2002. Alcohol and Mitochondria : A Diysfunctional Relationship. *Gastroenterology* 122, 2049, 2002
- Holguin, F. 1998. Chronic Ethanol Ingestion Impairs Alveolar Type II Cell Glutathione Homeostasis and Function and Predisposes to Endotoxin-

- mediated Acute Edematous Lung Injury in Rats. *The Journal of Clinical Investigation Volume 101, Number 4, February 1998, 761–768*
- Istanti, A., Prasetyo, T., I., dan Listyorini D. 1999. *Biologi Sel.* Malang : IMSTEPJIICA FMIPA Universitas Negeri Malang
- Joewana, S. 1989. *Gangguan Penggunaan Zat, Narkotika, Alkohol dan Zat Aditif Lainnya.* Jakarta : Gramedia
- Kalant, H. 1971. Absorption, Diffusion, Distribution, and Elimination of Ethanol. *The Biology of Alcoholism, Vol 1 New York, Plenum Pr, 1971*
- Kolleck, I, Pranav, S, and Bernd, R. 2002. Vitamin E as an Antioxidant of the Lung Mechanisms of Vitamin E Delivery to Alveolar Type II Cells. *American Journal of Respiratory and Criticare Care Medicine Volume 166 : 62-66*
- Kono H, Rusyn I, Uesugi T. 2001. Diphenyleneiodonium Sulfate, an NADPH Oxidase Inhibitor, Prevents Early Alcohol-Induced Liver Injury in the Rat. *AJP-Gastrointestinal and Liver Physiology, 280 : G1005-G1012*
- Kumala, Meilani. 1996. Peran Vitamin E Menangkal Radikal Bebas Penyebab Proses Menua. *Ebers Papyrus Vol 2 No 3, p. 197-206*
- Laboratory Procedures for Human Cell Culture. 2004. Routine Cell Counting and Assessment of Viability. *INNCB Eurobiobank, 2004*
- Landes Von Nico. 2005. *Vitamin E Elucidation Of The Mechanism Of Side Chain Degradation And Gene Regulatory Functions.* Postdam. Fakultat Mathematisch-Naturwissenschaftlichen
- Latifah, Ifa Nurul. 2010. Pengaruh Pemberian Ekstrak Rimpang Jahe (*Zingiber officinale*) terhadap Sel Nekrosis pada Jaringan Glomerulus dan Tubulus Ginjal Tikus Putih (*Rattus norvegicus*) yang Terpapar Allethrin. (*Skripsi*). Jurusan Biologi Fakultas Sains dan Teknologi Universitas Islam Negeri Maulana Malik Ibrahim Malang
- Lieber, C. S. 1992. *Medical dan Nutritional Complication of Alcoholism Mechanisme and Management.* New York dan London : Plenum Medical Book Co
- Linder, M. C. 1992. *Biokimia Nutrisi dan Metabolisme dengan Pemakaian secara Klinis.* Jakarta : UI Press

- Luc, G, Majd, Z, Poulain, P, El Khalil, L, and Fruchart, J. C. 1996. Interstitial Fluid apolipoprotein All : an Association with the Occurrence of Myocardial Infarction. *Atherosclerosis*. 127 : 131-137
- Mansouri, A. 2001. Acute Ethanol Administration Oxidatively Damages and Depletes Mitochondrial DNA in Mouse Liver, Brain, Heart, and Skeletal Muscles : Protective Effects of Antioxidants. *The Journal of Pharmacology and Experimental Therapeutics* 298 : 737-743, 2001
- Mardones, P. 2004. Cellular Mechanisms of Vitamin E Uptake : Relevance in α -tocopherol Metabolism and Potential Implications for Disease. *The Journal of Nutritional Biochemistry* Vol 15, 2004 : 252-260
- Masters, S. B. 2002. *Farmakologi Dasar dan Klinik Katzung : Alkohol*. Jakarta : Salemba Medika
- Memon, S. 2009. Developmental Toxicity of Ethanol in Chick Heart in Ovo and in Micromass Culture Can be Prevented by Addition of Vitamin C and Folic Acid. *Reproductive Toxicology* 28 (2009) : 262–269
- Miller, JK. 1993. Oxidative Stress, Antioxsidant and Animal Function. *J Dairy Sci* 1993 ; 76 : 2812-2823
- Miller, N. S dan Mark, S. G. 1991. *Alcohol*. New York dan London : Plenum Medical Book Co
- Moodie, F. M. 2004. Oxidative stress and cigarette smoke alter chromatin remodeling but differentially regulate NF-KB activation and proinflammatory cytokine release in alveolar epithelial cells. *The FASEB Journal* 2004 ; 18 : 189 ; 7-9
- Mun'im, Abdul. dkk. 2006. *Uji Hambatan Tumorigenesis Sari Buah Merah (Pandanus conoideuslam.) Terhadap Tikus Putih Betina Yang Diinduksi 7,12Dimetilbenz(a)Antrasen (DMBA)*. Jakarta: Departemen Farmasi Fakultas MIPA Universitas Indonesia Ilmu Kefarmasian, Vol III, No. 3
- Myers, R. L. 2007. *The 100 Most Important Chemical Compounds: A Reference Guide*. Westport, Conn : Greenwood Press. hlm. 122
- Nawasasi, Lakhsmi. 2003. Efek Pemberian Antioksidan Pada Kerusakan Ginjal Akibat Obstruksi Total Ureter Satu Sisi. (*Skripsi*). Universitas Diponegoro. Semarang
- Navasumrit, P. 2000. Ethanol Induced Free Radicals and Hepatic DNA Strand Breaks Are Prevented In Vivo by Antioxidants : Effects of Acute and Chronic Ethanol Exposure. *Carcinogenesis* 21, 93, 2000

- Nettesheim, P. 1981. Lung Endocrine-Like Cells in Hamsters Treated With Diethylnitrosamine : Alterations In Vivo and In Cell Culture. *Medical Sciences* Vol. 78, No. 8, pp. 5170-5174
- Numakawa, Yumiko. 2006. Vitamin E Protected Cultured Cortical Neurons from Oxidative Stress-Induced Cell Death Through the Activation of Mitogenactivated Protein Kinase and Phosphatidylinositol 3-Kinase. *Journal of Neurochemistry*, 2006, 97, 1191–1202
- Oktavianti, Ratnasari., Marti Harini., Noer Soesanti Handajani. 2005. Struktur Histologis Hepar Mencit (*Mus Musculus L.*) Setelah pemberian Aspartam Secara Oral. *Enviro*. 5: 30-31
- Orrenius S, Nocotera P. 1987. On the Role of Calcium in Chemical Toxicity. *Arc. Toxicol. Suppl.* 1: 11-19
- Paniagua, M. 2003. Protective Effect of Vitamin C Against The Ethanol Mediated Toxic Effects on Human Brain Glial Cells. *Journal of Nutritional Biochemistry* 14 (2003) 606-613
- Panjaitan, R. G. P. 1997. Uji Pengaruh Etil alkohol Terhadap Perkembangan Embrio Mencit Putih (*Mus musculus L.*). (*Skripsi*). Universitas Andalas. Padang
- Pekiner, B. G. 2003. Vitamin as an Antioxidant. *J. Fac, Pharm, Angkara* 32 (4) 243-267
- Permadhy, Inge. 2007. *Vitamin E (alfa tokoferol)*. Bandung : Widya Karya
- Pospos, N. S. 2005. Bukti Gambar, Etanol Merusak Sel Hati dan Pengaruhnya terhadap Konsentrasi ATP Intraseluler. *Medika. No 1 Tahun XXVII.* 17-20
- Price, Sylvia Anderson. 1993. *Pathophysiology Clinical Consequences of Disease Processes*, 6/E. Terjemahan Brahman U. Jakarta : EGC
- Prihastanti, E. 1999. Isolasi Sel Mesofil Daun Pegagan (*Centella asiatica (L) Urban*). *Sellula, Vol 7 No 2 Oktober 1999. MIPA UNDIP. Semarang*
- Rahmawati, Yulia. 2003. Efek Pemberian Dekok Meniran Terhadap Glomerulus Ginjal Tikus Strain Wistar Di Induksi CCl4. *Skripsi Tidak Dipublikasikan*. Malang : FKUB
- Rizqia, D. P. 2009. Efek Antioksidan Fraksi Larut Etil Asetat Ekstrak Etanol Daun Jambu Biji (*Psidium guajava l.*) pada Kelinci yang Dibebani Glukosa. (*Skripsi*). Universitas Muhammadiyah. Surakarta

- Sarah, J. K. 2008. Immortalization of Human Alveolar Epithelial Cells to Investigate Nanoparticle Uptake. *J Respir Cell Mol Biol* Vol 39. pp 591–597, 2008
- Sastrosupadi, Adji. 2000. *Rancangan Percobaan Praktis Bidang Pertanian*. Yogyakarta : Kanisius
- Schluter C, Duchrow M, Wohlenberg C, Becker MHG, Key G, Flad HD, et al. 1993. The Cell Proliferation-Associated Antigen of Antibody Ki-67: A Very Large, Ubiquitous Nuclear Protein with Numerous Repeated Elements, Representing A New Kind of Cell Cycle-Maintaining Proteins. *J Cell Biol* 1993 Nov; 123(3): p 513-22
- Seidel and Olson. 2000. Culture of In Vitro-Produced Bovine Embryos with Vitamin E Improves Development In Vitro and After Transfer to Recipients. *Biology of Reproduction* 62, 248–252
- Sekaran. 2010. Effects of Oil Palm Phenolics on Tumor Cells In Vitro and In Vivo. *African Journal of Food Science* Vol 4 (8) pp. 495 – 502
- Selim M. E and Ibrahim. 2004. The Efficacy of Melatonin in Ameliorating The deleterious Effects Caused by Nicotine in The Pulmonary Tissue of Rats. *Egypt J Med Lab Sci* 2004 ; 13 : 2
- Shihab, M. Quraish. 1999. *Membumikan al-Qur'an*. Bandung : Mizan
- _____. 2002. *Tafsir Al-Misbah: Pesan Dan Kesan Keserasian Alqur'an*. Jakarta : Lentera Hati
- Sies, H. 1991. Oxidative Stress : Form Basic Research to Clinical Application. *Am. J. Med* 91, 31, 1991
- Singha, M. 2008. Protective Effects of Vitamin E Against Atrazine-Induced Genotoxicity in Rats. *Mutation Research Genetic Toxicology and Environmental Mutagenesis* Vol 654, 2008 : 145-149
- Squier, M., Bossy-wetzel, E., Goldstein, J. C., Fitzgerald, P., Green, D. R. 2000. p53 Induces Apoptosis by Caspase Activation Through Mitochondrial Cytochrome C Release. *Journal biology chemical* 2000. 275 : 7337-42
- Stanczyk, M. 2005. The Effect of Vitamin C and Glutathione on Ethanol Cytotoxicity and Selected Parameters of Pro-and Antioxidative Processes in Mouse Fibroblasts 3T3-L1. *Polish Journal of Environmental Studies* Vol. 15, No. 1 (2005), 131-137

- Steele, CE. 1990. The Effect of Vitamin E and Synthetic Antioxidants on The Growth In Vitro of Explanted Rat Embryos. *J Reprod Fertil* 1990 ; 38 : 115-123
- Sugiyama, Masayasu. 1989. Effect of Vitamin E on Survival, Glutathione Reductase and Formation of Chromium (V) in Chinese Hamster V-79 Cells Treated with Sodium Chromate (VI). *Journal of Carcinogenesis* Vol 10 No. 4 pp. 737-741, 1989
- Suhartono, E Fachir H dan Setiawan B. 2007. *Kapita Sketsa Biokimia Stress Oksidatif Dasar Dan Penyakit*. Banjarmasin : Pustaka Banua
- Sulistiyowati, Y. 2006. The Effect of Lycopene Supplementation on Antioxidant Status (Vitamin C, Vitamin E and Gluthathione Peroxidase) in Hypercholesterolemic Rats (*Rattus norvegicus strain Sprague Dawley*). (*Tesis*). Universitas Diponegoro. Semarang.
- Sumardi dan Aditya Marinati. 2007. *Biologi Sel*. Yogyakarta : Graha Ilmu
- Suryanti, Y. 2002. Peranan Vitamin E dalam Perkembangan Gonad Ikan. *Jurnal Penelitian Perikanan Indonesia* Vol. 8 No. 1
- Syahruddin, Elisna. 2006. *Kanker Paru*. Unrestricted Educational Grant from PT. Roche Indonesia.
- Theodora. 1984. Alveolar type II and Clara Cells : Isolation Xenobiotic Metabolism. *Environmental Health Perspectives* Vol. 56, pp. 95-101, 1984
- Trenggono, B. S. 2009. *Metode Dasar Kultur Jaringan Hewan*. Jakarta : Universitas Trisakti
- Tuminah, Sulistyowati. 1999. *Pencegahan Kanker dengan Antioksidan*. Dalam : Jurnal Cermin Dunia Kedokteran No. 122. Jakarta : Pusat Penelitian Penyakit Tidak Menular dan Pengembangan Kesehatan Departemen Kesehatan RI
- Winarsi, H. 2007. *Antioksidan Alami dan Radikal Bebas*. Yogyakarta : Kanisius
- Wulandari, W. 2003. *Perbedaan Konfluensitas dan Viabilitas Sel Kultur Sel Primer Fibroblas dari Jaringan Daun Telinga Rusa Bawean (Axis Kuhlii) pada Medium TCM 199 dan MEM*. Surabaya : UNAIR