

DAFTAR PUSTAKA

- Anwar, Bahri. 2004. Dislipidemia Sebagai Faktor Resiko Jantung Koroner. E-USU Repository. Fakultas Kedokteran Universitas Sumatera Utara.
- Bahorun et al.,. 2006. Free Radicals and Antioxidants in Cardiovascular Health and Diseases, (Online), http://www.akspublicatio.com/paper05_jul-dec2006.htm, diakses 15 Maret 2014: 14.50.
- Bancroft J.D, Gamble M. Theory and Practice of Histological Techniques, 5th Ed., Churchill Livingstone, Toronto, USA, 2002, p.85-107
- Baraas, F. 2006. *Kardiologi Molekuler*. Kardia Iqratama: Jakarta
- Behrendt D, Ganz P. Endothelial function: from vascular biology to clinical applications. *Am J Cardiol*. 2002;90(suppl):40L–48L.
- Chan, GC., Chan WK., Daniel MYS. The effects of β -glucan on human immune and cancer cells *Journal of Hematology & Oncology* 2009, 2:25
- Channon, KM., Qian HuSheng, George Samuel E. Nitric Oxide Synthase in Atherosclerosis and Vascular Injury Insights From Experimental Gene Therapy. *Atherosclerosis, Thrombosis, and Vascular Biology*. 2000;20:1873–1881
- Char MD. 2005. The patophysiology of acute coronary syndromes. *J. Emergency Medicine Cardiac Research*. 1(1):1-6.
- Coskun U, Yildiz A. Esen OB, Baskurt M, Relation Between Carotid intima Media Thickness and Coronary Angiographic Finding. *Cardiovascular Ultrasound* 2009; 7;59
- Cotran, Kumar, Collins. 2001. Robin's, *Pathologic Basic of Disease*. Saunders Company, USA, p.500
- Dachriyanus, Katrin, DO., Oktarina, R., Emas, O., Mukhtar, MH. 2007. Uji Efek-Mangostein terhadap Kdar Kolesterol Total, Trigliserida, Kadar HDL dan

Kolesterol LDL darah Mencit Putih Jantan serta Lethal Dosis 50. Jurnal sains jurusan Farmasi Universitas Andalas.

Daniels, SR. *Koronaria Risk Factors in Children*. Dalam: allen HD, Driscoll DJ, Robert E, Feltas TP. Penyunting. Moss and Adams heart disease in infant and adolescents. Edisi ke-7. Philadelphia: Lipincott Williams;2008. Hal.1448-76

David, et al,. Ovarian Hormones modulate endothelial vascular reactivity and mRNA Expressionin Doca-Salt Hipertensive Rat. *Hipertension*. 2001. 38:692.

Djohari,M. Dan Syamsu. 2009. Modified low desnsity lipoprotein (LDL) in Atherogenesis process. *The Indonesian journal of medical science*. 502-510.

Donno MD, Verduri A. *Oxidants and antioxidants in pulmonary diseases, European Respiratory News, VIII, Suppl. 2000 (World Congress on Lung Health and 10th ERS Annual Congress)*.

Doran, Amanda C., Meller, Nahum and McNamara, Coleen A. Role of Smooth Muscle Cells in the Initiation and Early Progression of Atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*. 2008;28:812-819

Fawcett, Don W. Textbook of Histology. Buku Ajar histologi; alih bahasa, Jan Tambayong-Ed.2. Jakarta:EGC, 2002

Finn AV, Kolodgie FD, Virmani R. 2009 Correlation between Intimal/Media Thickness and Atherosclerosis: *A point of view from Pathology Journal of AHA*; 177-81.

Freisleben, HJF. *Free radicals and ROS in systems*. Kursus Penyegar 2001. Radikal bebas dan antioksidan dalam kesehatan, Jakarta: Bagian Biokimia; 2001.

Golemati Spyretta, Tegos TJ. Echogenicity of B-Mode Sonographic Image of the Carotid Artery. *J Ultrasound Med*.2003;23:659-69.

Gunawijaya, Eka dan Arhana. 2000. Peran Nitrogen Oksida pada Infeksi. Sari Pediatri, Vol. 2, No. 2, 113 – 119.

Guyton, Arthur C. and John E. Hall. 2006. *Buku Ajar Fisiologi Kedokteran*, Ed.11, Irawati et al (penterjemah), 2007. Jakarta: EGC

- Grundy, Scott M. 2002. National Cholesterol Education Program. Third Report of the Expert Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults (Adult Treatment Panel III). *Rationale for Intervention* ; 27
- Hansson GK. 2005. Inflammation, Atherosclerosis and Coronary Atery Disease. *Atherosclerosis, Thrombosis, and Vascular Biology*. 352:1685-1695.
- Herman, Susilowati dkk. 2009. Pengaruh Protein Pada Hiperlipidemi Dan Aterosklerosis Pada Kelinci Coba. (Abstrak). *Indonesian Science & Technology Digital library*. <http://elib.pdii.lipi.go.id/katalog/index.php/search/katalog/byId/116028>
- Hilsdorf A.W. and Krieger J.E. 1999. Characterization of six rat strains (*Rattus norvegicus*) by mitochondrial DNA restriction fragment length polymorphism. *Brazilian Journal of Medical and Biological Research* 32: 267-273.
- Hyam, Philip. 2010. Understanding and Maintaining the Cryostat; *A Practical Guide to Frozen Section Technique*. Springer Science+Business Media, LLC.
- Hrapkiewicz K, Medina L, dan Holmes DD. 2007. *Clinical Laboratory Animal Medicine, An Introduction*, 3rd Ed. Ames, Iowa:Blackwell Pub.
- IAR. 2010. Wistar-imamichi rat. (<http://www.iar.or.jp>). Diakses pada 17 Maret 2013
- Indigomorie, 2009. Antioksidan apa yang perlu kita ketahui tentangnya. (Online), (<http://netsains.com/2009/06antioks-ap-yg-perlu-ketahui-tentangnya/> diakses tanggal 17 Maret 2014)
- Jegelevicius D, Lukosevicius. An Ultrasonic Measurment of Human Carotid Artery Wall Intima Media Thickness. ISSN 2002. 1392-21.
- Jenkins, David JA *et al*. Direct comparison of a dietary portfolio of cholesterol-lowering foods with a statin in hypercholesterolemic participants. *The American Journal of Clinical Nutrition*. 2005; 81: 380-7

Jia, Jie., Zhang, Xi., Hu, Yong-Shan., Wu, Yi., Wang, Qing-Zhi., Li, Na-Na., Quo, Qing-Chuan., Dong, Xin-Cun. 2009. Evaluation of in Vivo Antioxidant Activities of Ganoderma Lucidum Polysaccharides in STZ-diabetic rats. *Food Chemistry*, 155:32-36.

Jingsong, Ou et al. Effects of D-4F on vasodilation and vessel wall thickness in hypercholesterolemic LDL receptor-null and LDL receptor/apolipoprotein A-I double-knockout mice on Western diet. *Circulation research* 2005;97(11):1190-7.

Joanne L.R, Christopher T, Richard C.M.S, Giovanni E.M, Mark A.H and Geraldine F.C. 2008. Endothelial Dysfunction and Reduced Antioxidant Protection in an Animal Model of The Developmental Origins of Cardiovascular Disease. *The Journal of Physiology* p.4709-4720.

Johnson M. 2012. *Laboratory Mice and Rats* (<http://www.labom.com/method/Laboratory-Mice-and-Rats.html>). Diakses tanggal 17 Maret 2013

Kabo, Peter. 2008. *Aterosklerosis. Mengungkap Pengobatan Penyakit Jantung Koroner*. Jakarta: Gramedia Pustaka Utama.

Kaniawati, Marita., Yusuf, Irawan., Bakri, Syakib., Santoso, Anwar. 2010. Proatherogenic or antiatherogenic high density lipoprotein type in acute coronary syndrome and healthy male person. *Medical Journal Indonesia*.19(4):228-34

Katzung BG. Farmakologi dasar dan klinik : *Basic and clinical pharmacology*, 8th Ed. Alih bahasa Sjabana D. Jakarta. Salemba Medika. 2001

Kerwin WS, Correlation of Carotid Artery Pathology and Morphology in Imaging. *Imaging of Carotid Artery Stenosis*. Springer-Verlag Wien, NY. Karolinska Institute, Stockholm, Sweden, 2007; Ch1.2; 19-30

Kumar, V., Abbas, A., Fausto, N., Mitchell, R. 2007. *Robbins Basic Pathology*. Philadelphia, Saunders/Elsevier

- Kusmiati, Swasono R. 2007. Produksi dan Penetapan Kadar β -glukan dari Tiga Galur *Saccharomyces cerevisiae* dalam Media Mengandung Molase. *Jurnal Ilmu Kefarmasian Indonesia*. Vol.5: 7-16.
- Levy, B.I., G. Ambrosio, A.R. Pries and H.A.J. Microcirculation in Hypertension: A New Target for Treatment? *Circulation*. 2001;104:735-740
- Libby, Petter., Ridker, Paul M., and Maseri, Attilio. 2002. Inflammation and Atherosclerosis. *Circulation*, 105:1135-1143.
- Libby, Petter., Okamoto, Yoshihisa., Rocha, V.Z., Folco, Eduardo. 2010. Inflammation in Atherosclerosis: Transition From Theory to Practice. *Circ Journal, Official Journal of the Japanese Circulation Society*, 74: 213 – 220.
- Lippens, G dan Bohin, J.P. 1997. Structural Diversity of the Osmoregulated Periplasmic Glucans of Gram-Negative Bacteria by a Combined Genetics and Nuclear Magnetic Resonance Approach. *The third Electronic Gltcoscience Conference*. <http://www.oueba.univ.lille.fr/egc3/egc3.htm>
- Lumonga, Fitriani. 2008. Atherosclerosis. USU Repository, Universitas Sumatera Utara, Medan.
- Mansjoer A., Triyanti K., Savitri R., Wardhani W.I., Setiowulan W. (eds).2005. Kapita Selekta Kedokteran Jilid 1. Jakarta: Media Aesculapius.p: 588
- Maslachah L., Sugihartuti R., Sudjarwo S.A. 2006. Pengaruh Antioksidan Probucol Terhadap Kadar Malondialdehyde (MDA) dan jumlah "Circulating Endothel Cell" pada Tikus Putih yang menerima Stressor. *Jurnal Kedokteran Yarsi* 14 (3) : 182-190
- Mello, JM *et al*. Structure of The Aortic Wall In The Guinea Pig And Rat. *Braz. J. morphol. Sci*. 2004; 21(1), 35-38
- Mitchell, Richard *et al*. 2006. Pocket Companion to Robbins and Cotran Pathologic Basis of Disease, 7th Ed. *Buku Saku Dasar Patologis Penyakit Robbins dan Cotran, Ed.7*, Andry Hartono, 2008, EGC, Jakarta hal. 303.

Muwarni Sri, Mulyohadi Ali, Ketut Muliarta, 2006, Diet Atherogenik pada Tikus Putih (Rattus norvegicus strain Wistar) Sebagai Model Hewan Atherosklerosis. *Jurnal Kedokteran Brawijaya*. Vol 22 No 1.

Naumann, Elke *et al.* . 2006. β -Glucan incorporated into a fruit drink effectively lowers serum LDL-cholesterol concentrations_{1,24}. *Am J Clin Nutr March vol. 83 no. 3* 601-605

News medical. 2009. [http://www.news-medical.net/health/Atherosclerosis-\(Indonesian\).aspx](http://www.news-medical.net/health/Atherosclerosis-(Indonesian).aspx) (diakses pada 14 April 2014).

Nurahmi, Aprianti, S., Arif, M., Hardjoeno. 2006. The Value of sdLDL of Youngsters and Its Correlation with Other Lipid. *Indonesian Journal of Clinical Pathology and Medical Laboratory*, Vol. 13 (1): 17-19

Pandjaitan, Friska W. F., Kaseke, Marie M., Tanudjaja, George N. 2013. Gambaran Histologik Aorta Tikus Wistar Dengan Diet Lemak Babi Setelah Pemberian Ekstrak Daun Pepaya. *Jurnal Biomedik (JBM)*, Volume 5, (1) Suplemen, hlm. S76-82 S76 .

Pavlovic V, Cekic S, Rankovic G, dan Stoiljkovic N. Antioxidant and Pro-oxidant Effect of Ascorbic Acid. *Acta Medica Medianae*. 2005. 44(1):65-69.

Pesek, K. & Pesek, T. (2008). Risk Factors Analysis and Diagnoses of Coronary Heart Disease in Patients with Hypercholesterolemia from Croatian Zagorje Country. *Collegium Antropologicum*, 32pp.369-74, ISSN 0350-6134

Peters, Stephen R. and Catherine Susan Delia. 2010. Fixation, Staining and Coverslipping of Frozen Section Slides; *A Practical Guide to Frozen Section Technique*. Springer Science+Business Media, LLC.

Potterat, O., 1997. Antioxidant and free radical scavengers of natural origin. *Current Organic Chemistry* 1.415-440.

- Rahayuningsih, Sri Endah. 2011. *Prevention of atherosclerosis should start since childhood (genetic risk)*. Dipresentasikan pada 15th Indonesia Congress of Pediatrics KONIKA 15 MENDAO.
- Ratnawati, Retty., Norahmawati, Eviana., Rada, Annisa Astika. 2012. Efek Ekstrak Etanol Umbi Rumput Teki (*Cyperus rotundus*) terhadap Jumlah *Foam Cell* pada Tikus Wistar Jantan yang Diberi Diet Aterogenik. Tugas Akhir. Tidak diterbitkan. Fakultas Kedokteran Universitas Brawijaya, Malang
- Ridwan, Endi. Etika Pemanfaatan Hewan Percobaan dalam Penelitian Kesehatan. *J Indon Med Assoc*, 2013 Volum: 63, Nomor: 3
- Ross R. Mechanisms of Disease: Atherosclerosis— An Inflammatory Disease. *N Engl J Med*. 1999;340:115–126.
- Saito, H, Y. Yoshioka, M. Yohoy, dan J. Yamada, 1990. “Distinc Gelatin Mechanism Between Linear and Branched (1,3)- β -D-Glucan as Revealed by High-Resolution Solid State BC-NMR”. *Biopolymer* 29, hal 1689-1698.
- Salimi, Yuszda K. 2012. Peranan Ekstrak Dan Tepung Sorgum (*Sorghum Bicolor L. Moench*) Dalam Penghambatan Kanker Secara In Vitro dan In Vivo Pada Mencit BALB/C. *IPB Scientific Repository*.
<http://repository.ipb.ac.id/handle/123456789/55429>
- Salonen JT, Liu ML, Ylitalo K, Circulating OxLDL and Its Association with Carotid Intima Media Thickness in Asymptomatic Members of Familial Combined Hyperlipidemia Families. *Arterioscler Thromb Vasc Biol*. 2004;24:1492-97.
- Sarwono, Jonathan. 2009. *Statistik Itu Mudah: Panduan Lengkap untuk Belajar Komputasi Statistik Menggunakan SPSS 16*. Yogyakarta: C.V Andi Offset
- Sumarti, Sri 2010. *Faktor-faktor Risiko Penyakit Jantung Koroner pada Usia Dewasa Muda yang Dirawat di Instalasi Jantung dan Pembuluh Darah Rumah Sakit Dokter Kariadi*. Semarang: Universitas Diponegoro.

- Thontowi, Ahmad., Nuswantara, Sukma., Kusmiati. 2007. Produksi β -Glukan *Saccharomyces cerevisiae* dalam Media dengan Sumber Nitrogen Berbeda pada Air-Lift Fermentor. *Biodiversitas*, Vol. 8 (4) hal. 253-256.
- Tsalissavrina, Iva. 2005. *Pengaruh Pemberian Diet Tinggi Karbohidrat Dibandingkan Diet Tinggi Lemak terhadap Kadar Trigliserida dan HDL Darah pada Rattus Norvegicus Strain Wistar*. Malang: Program Studi Ilmu Gizi Kesehatan Fakultas Kedokteran Universitas Brawijaya.
- Waszkiewicz, Bozena. 2013. *Spent Brewer's Yeast and Beta-Glucans Isolated From Them as Diet Components Modifying Blood Lipid Metabolism Disturbed by an Atherogenic Diet*. www.intechopen.com/books/lipid-metabolism/spent-brewer-s-yeast-and-beta-glucans-isolated-from-them-as-diet-components-modifying-blood-lipid-me
- Yanuartono. 2007. Peran Diet Lemak dan/atau Kolesterol tinggi pada Pembentukan Plak Ateroma Aorta Tikus Putih (Sprague Dawley). *Jurnal Sains Veteriner*, 25 (1). <http://journal.ugm.ac.id/>.
- Yosef, Herman., Sujuti, Hidayat., Santoso, Henry. 2013. Hubungan Antara Ekspresi Protein Svegfr-1 (*Soluble Vascular Endothelial Growth Factor Receptor Type 1*) dan Ekspresi Protein P38 MAPK (Mitogen-Activated Protein Kinase) pada Kejadian Bibir Sumbing Ras Protomalayid (Provinsi Nusa Tenggara Timur). Tugas Akhir. Tidak diterbitkan. Fakultas Kedokteran Universitas Brawijaya, Malang.
- You, Yu-Hong. Protective effects of Ganoderma Lucidum Polysaccharides Peptide on Injury of Macrophages Induced by ROS. *Acta Pharmacol Sin.* 2002, 23 (09): 787-791.
- Woo, KS *et al.* 2004. Overweight in children is associated with arterial endothelial dysfunction and intima-media thickening. *International Journal of Obesity*. 2004, 28; 852–857