

DAFTAR PUSTAKA

- Andriani, Yosie. 2007. Uji Aktivitas Antioksidan Ekstrak Betaglukan dari *Saccharomyces cereviseae*. *Jurnal Gradien* Vol. 3 No. 1: 226-230
- Angele, M. K., Sebastian P., William J. H., Irshad H. C. 2014. *Gender Differences in Sepsis: Cardiovascular and Immunological Aspects*. Birmingham: University of Alabama.
- Aryana IS dan Biran SI. 2006. Konsep Baru Kortikosteroid Pada Penanganan Sepsis. *Dexa Media* 19 (4): 177.
- Azis A. L. 2006. *Penggunaan Steroid di Klinik*. Medan: Fakultas Kedokteran Universitas Sumatera Utara.
- Biswal S and Remick DG. 2007. Sepsis Redox Mechanisms and Therapeutic Opportunities. *Pubmed* 9(11) : 1959-1961.
- Bossmann, M and Ward, Peter. 2013. The Inflammatory Response in Sepsis. *Trends of Immunology*. 10(10): 8-10.
- Buchori dan Prihatini. 2006. *Diagnosis Sepsis Menggunakan Procalcitonin*. Surabaya: Fakultas Kedokteran Hewan Universitas Airlangga.
- Budak, E. T., Husyein S., Gunalp U., Ertan T., Osman M. I., Senol Y., Kamer D., Gunner D. 2009. *The Effects and Timing of Hyperbaric Oxygen Treatment in Gram Negative Sepsis in Rats*. Turkey: Research Gate.
- Chapple., Iain L., Matthews C., John B. 2007. The Role of Ractive Oxygen and Antioxidant Species in Periodontal Tissue Destruction. *J. Compilation. Periodontology, Vol 43*, 160-232
- Chen K and Pohan HT. 2006. *Penatalaksanaan Syok Sepsis*. Dalam: Sudoyo A W, Setiyohadi B, Alwi I, Simadibrata M, dan Setiati S. (Eds). *Buku Ajar Ilmu Penyakit Dalam. Jilid I. Edisi IV*. Jakarta: Pusat Penerbitan Ilmu Penyakit Dalam Fakultas Kedokteran Universitas Indonesia. Hal: 187.
- Clarkson, P. M. and Thompson, H. S. 2000. Antioxidants: What Role Do They Play in Physical Activity and Health. *Am J Clin Nutr.* 72: 46-73.
- Dahlan. M. S. 2011. *Statistik untuk Kedokteran dan Kesehatan*. Jakarta: Salemba Medika.

- Daniel G., and Remick, M.D. 2007. Pathophysiology of Sepsis. *The American Journal of Pathology* Vol 120, No. 5, pp :1435-8.
- Dembovska, K., Svodoba, P., Scheer, P., Kantorova, I., Tomendalova, J., Rehakova, K. And Doubel, J. 2008. Model of Septic Shock Induced by Live *E. coli* in a Laboratory Rat. *Veterinarni Medicina*. 53(3): 153-163.
- Du, B., Chengyuan L., Zhaoxiang B., Baojun X. 2014. *An Insight Into Anti Inflammatory Effects of Fungal Beta-Glucans*. Guangdong: Elsevier Ltd.
- Eroschenko, V. P. 2008. *DiFiore's Atlas of Histology with Functional Correlation*. Philladelphia: Lippincott Williams & Wilkins
- Garna, H. H. 2012. *Buku Ajar Infeksi dan Penyakit Tropis Universitas Padjajaran*. Jakarta: Sagung Seto.
- Guntur HA. 2008. *SIRS, SEPSIS dan SYOK SEPTIK (Imunologi, Diagnosis dan Penatalaksanaan)*. Surakarta: Sebelas Maret University Press
- Hidreth CJ, Lynn C, and Glass RM. 2009. Sepsis. *JAMA* 301(23):2516
- Hongwei, Q., Cynthia A. W, Sun J. L, Xueyan Z., and Ety N. B. 2005. LPS Induces CD40 Genes Expression Through The Activation of NF-Kb and STAT-1 α in Macrophage and Macrogliia. *Blood* 106(9): 3114-3122.
- Hunter, K. W., R. A. Gault., M. D. Boerner. 2002. Preparation on Microparticulate B-Glucan from *Saccharomyces cerevisiae* for Use in Immune Potentiation. *Lett Appl Microbiol.*, 35: 267-271.
- Hyde, R., Stith, D., Roderick, McCallum. 1989. Mortality and Bacteriology of Sepsis Following Cecal Ligation and Puncture in Aged Mice. *Infection and Immunity* 58: 619-624.
- Institutional Animal Care and Use Comittee. 2014. Blood Collection. Emory University.
- Isola, JGMP, Ae Santana, Gb Pereira-Neto, Rodrigo C Pabelo. 2013. Severe Sepsis and Septic Shock Survival in A Clinical Canine Model. Brazil: Critical Care, Volume 17 Suppl 4, p. 110.
- Istri, Puspita, S. D. 2016. *Uji Aktivitas Antioksidan Biji Melinjo (Gnetum genmon L.) Terhidrolisis terhadap Radikal Superoksida Neutrofil In Vitro*. Jember: Fakultas Kedokteran Gigi Universitas Jember.

- Juriah. 2010. *Pemberian L-Arginine Oral Mencegah Penurunan Nitrite Oxide (NO) dan Jumlah Endotel Aorta pada Tikus (Rattus norvegicus) Jantan Yang Dipapar Asap Rokok*. Denpasar: Universitas Udayana.
- Kesuma, Sayuti dan Rina, Yenrina. 2015. *Antioksidan Alami dan Sintetik*. Padang: Andalas University Press.
- Koolhaas, Jaap M. 2010. *The UFAW Handbook on The Care and Management of Laboratory and Other Research Animals: Eighth Edition*. Universities Federation for Animal Welfare.
- Kotan, E., Alpsy, L., Anar, M., Aslan, A., and Agar, G. 2011. Protective Role of Methanol Extract of *Cetraria islandica (L)* Against Oxidative Stress and Genotoxic Effects of AFB in Human Lymphocytes In Nitro. *Toxicology and Industrial Health* 27(7): 599-605.
- Kusmiati, Swasono R. T., S. Nuswantara., Nita I. 2007. Produksi dan Penetapan Kadar β -glukan dari Tiga Galur *Saccharomyces cerevisiae* dalam Media Mengandung Molase. *Jurnal Ilmu Kefarmasian Indonesia* Vol. 5, No. 1, hlm 7-16.
- Matsuda, N., Hiroki, T., Seiji, Y., Takano, K., Yasuo, T., and Yuichi, H. 2009. Increased Death Receptor Pathway Signaling in Septic Mouse Aorta: Effect of Systemic Delivery of FADD siRNA. *Am J Physiol Heart* 10(11): 298-304.
- Megasari, Noor Lianti. 2009. Pengaruh lama Stres dan Diet Athrogenik terhadap Pembentika Foam Cell pada Arteri Koroner Jantung Tikus Putih (*Rattus norvegicus* galur Sprague Dawley) Jantan. Malang: Fakultas MIPA Universitas Islam Negeri Malang.
- Montgomery, D., S and Kowalsky. 2011. *Design and Analysis of Experiment*. John Willey and Sains Inc.
- Muntiha, M. 2001. *Teknik Pembuatan Preparat Histopatologi Dari Jaringan Hewan Dengan Pewarnaan Hematoksilin dan Eosin (HE)*. Bogor: Balai Penelitian Veteriner.
- Naaber, P., Smidt, I., Tamme, K., Tapper, H., Mikelsaar, M. and Talvik, R. 2000. Translocation of Indigenous Microflora in An Experimental Model of Sepsis. *Journal of Med. Microbiol.* 49: 431-439.

- Perez, J, A, and Aguilar, Thomas, A. 2013. *Chemistry of Natural Antioxidants and Studies Performed with Different Plants Collected in Mexico*. Mexico City: INTECH Open Science.
- Radin, Intan E. S. 2015. *Pengaruh Pemberian Vitamin C terhadap Diameter Arteriol pada Tikus Wistar Model Sepsis*. Surakarta: Sebelas Maret University Press
- Rahmawati, Yuniar Wahyu. 2015. *Pengaruh Pemberian Ekstrak Metanol Daun Kayu Kuning (Arcangelisa flava (L) Merr) terhadap Histopatologi Aorta Tikus Wistar Hiperlipidemia*. Jember: Fakultas Farmasi Universitas Jember.
- Remick DG. 2007. Pathophysiology of sepsis. *Am J Pathol* 170 (5): 1435-1444.
- Rico, Irawan. 2013. *Hubungan Obesitas terhadap Kadar Malondialdehid (MDA) Plasma pada Mahasiswa Program Studi Pendidikan Dokter UIN Syarif Hidayatullah Jakarta 2013*. Jakarta: Fakultas Kedokteran dan Ilmu Kesehatan UIN Syarif Hidayatullah
- Russel JA. 2006. Review of Management of Sepsis. *N Engl J Med* 355: 1699-713
- Russel, J.C., Towns, D.R., Clout, M.N. 2008. *Review of rat invasion biology*. Science & Technical Publishing, Department of Conservation, New Zealand, p. 20.
- Sandoo, A., van Zanten, J. J. C., Metsios, G. S., Carroll, D., Kitas, G. D. 2010. The Endothelium and Its Role in Regulating Vascular Tone. *The Open Cardiovascular Medicine Journal.*; 4: 302-312
- Sandvik, A., Y. Y. Wang, H. C. Morton, A. O. Aasen, J. E. Wang, F. E. Johansen. 2007. *Oral and Systemic Administration of B-Glucan Protects Against Lipopolysaccharide-Induced Shock and Organ Injury in Rats*. Norway: University of Oslo.
- Sanger. 2004. *Peptidase of Saccharomyces Cerevisiae*. <http://merops.sanger.ac.uk/speccards/peptidase/spOO0895>. [diakses tanggal 10 Februari 2017].
- Simanjuntak, K. 2007. Radikal Bebas Dari Senyawa Toksik Karbon Tetraklorida (CCL4). *Bina Widya*. Vol. 18 (1): 25-31.
- Sumantri, Stephent. 2012. *Tinjauan Immunopatogenesis dan Tatalaksana Sepsis*. Jakarta: Fajultas Kedokteran Universitas Indonesia

- Suryohudoyo, P. 2010. *Oksidan, Antioksidan, dan Radikal Bebas*. Surabaya: Laboratorium Biokimia Fakultas Kedokteran Universitas Airlangga.
- Takahashi, H., Naohito, O., Adachi, Y., Yadomae, T. 2001. Association of Immunological Disorders in Lethal Side Effect of NSAIDs on B-glucans administered mice. *FEMS Immunology and Medical Microbiology* 31: 1-14.
- Toussaint S and Gerlach H. 2009. Activated Protein C for Sepsis. *NEJM* 361:2646-2652.
- University Animal Care Committee. 2009. *The Laboratory Rat: Handling And Restraint*. McGill.
- Wesche E. D., Joanne L., Lomas-Neira, Perl M., Chung C., Ayala A. 2005. Leukocyte Apoptosis and Its Significance in Sepsis and Shock. *Journal of Leukocyte Biology* 78:325-337.
- Wolfensohn, S., Lloyd M. 2013. *Handbook of Laboratory Animal Management and Welfare*. WileyBlackwell, Oxford, UK, 390 pp.
- Wrasiati, L. P. 2011. *Karakteristik dan Toksisitas Ekstrak Bubuk Simplisia Bunga Kamboja Cendana (Plumeria alba) dan Peranannya dalam Meningkatkan Aktivitas Antioksidan Enzimatis pada Tikus Sparague Dawley*. Disertasi. Denpasar: Universitas Udayana.
- Yamamel, L., Umit K., Yesim O., Omer C., Yavuz P., Murat D., Tuncer C., Ahmet O., Seref D., Mehmet Y., Orhan C., Salim K. T., Yusuf E. E., Bulent U., Turgut T., Sukru O., Ahmet K. 2011. *Ozone Therapy and Hyperbaric Oxygen Treatment in Lung injury in Septic Rats*. Turkey: Ivyspring International Publisher.
- Yoshioka, S., Naohito, O., Miura T., Adachi, Yoshiyuki, Toshihiro, Y. 1998. Immunotoxicity of Soluble B-glucans Induced by Indomethacin Treatment. *FEMS Immunology and Medical Microbiology* 21: 171-179.