

DAFTAR PUSTAKA

- Abbas, A.K., Litchman, A.H., dan Poher, J.S., 2000, *Cellular and Molecular Immunology*, 4th Edition, 3-7, 23-24, 166, Saunders Company, USA.
- Akita, E.M., dan Nakai, S., 1993, Comparison of Four Purification Methods for the Production of Immunoglobulins from Eggs Laid by Hens Immunized with an Enterotoxigenic *E.coli* Strain, *J. Immunol Methods*, 160 (2), 207-214.
- Akoso, A.K., Litchman, A.H., dan Poher, J.S., 2000, *Cellular and Molecular Immunology*, 4th Edition, 3-7, 23-24, 166, Saunders Company, USA.
- Anonim, 1995, *Farmakope Indonesia*, edisi ke-4, 7, 9, Departemen Kesehatan Republik Indonesia, Jakarta.
- Anonim, 1996, IgY Polyclonal Antibodies : Generation, Purification and Available Neurosciance Reagents, *Neurat Notes*, Vol 1 (4).
- Anonim, 2006, Prosedur Operasional Standar (SOP) Pengendalian Penyakit AI, hal. 25-26. Direktorat Jenderal Peternakan Departemen Pertanian, Jakarta.
- Atal, C.K dan Kapur, B.M., 1982, *Cultivation and Utilization of Medicinal Plants*, p. 368-374, Regional Research Laboratory Council of Scientific Industrial Research, Jammu-Tawi.
- Backer, C.A. dan Bakhuizen van den Brink, 1968, *Flora of Java*, vol III, p.88-89, Wolters-Noordhoff NV-Groningen The Netherlands.
- Beard, C.W., 1989, *Serologic Procedures in a Laboratory manual for the Isolation and Identification of Avian Pathogens*, edisi ke-3, 192-200, American Association Avian Pathologist.
- Binfar, 2007, *Pharmaceutical Care untuk Pasien Flu Burung*, Jakarta, Depkes.
- Bizanov, G., Jonauskiene, I., 2003, Production and Purification Of IgY From Egg Yolk after Immunization Of Hens With Pig IgG, *Bull. Vet. Inst. Pulawy*, 47, 403-410.
- Bizhanov, G., dan Vyshniauskis, G., 2000, Comparison of Three Methods for Extracting IgY from The Egg Yolk of Hens Immunized With Sendai Virus, *Vet Res Commun*, 24 (2), 103-113.
- Blackely, J., Bade, D.H., 1991, *Ilmu Peternakan*, Edisi ke-4, 526-539, Gadjah Mada University Press, Yogyakarta.
- Bratawidjaja, K. G., 2002, *Imunologi dasar*, edisi IV, Jakarta: Fakultas Kedokteran Universitas Indonesia.
- Braytenbach, J.H., 2005, *Guidelines for the Administration of Nobilis Influenza H5 Vaccine as Part of an Avian Influenza Control Strategy*, Intervet International b.v, Netherland.

- Brooks, G.F., Butel, J.S., dan Morse, S.A., 2005, Medical Microbiology, McGraw-Hill companies Inc.
- Carlander D., 2002. Avian Ig-Y Antibody. In Vitro and In Vivo. Comprehensive Summaries of Uppsala Dissertations from Faculty of Medicine 119. ACTA Universitatis Uppsala, Center Texas A & M University Kingsville.
- Chow J., David W.A., Yates K.M., Goux W.J. (2005), *Chemical Characterization of the Immunomodulating Polysaccharide of Aloe Vera L.* Department of Chemistry, The University of Texas, Dallas.
- Coleman MA., 2000. *Using Egg Antibodies to Treat Diseases*, dalam Sim J.S., Nakai J.S., Guenter W. (Eds), 1997, Egg Nutrition and Biotechnology, Wallingford. UK. CABI Publish.
- Combest W.L., 2000, Aloe vera, *J. U.S. Pharmacist*, 25(4), 64-74.
- Daulay S.R., 2008, Avian Influenza, USU e-Repository, Medan. Diakses pada tanggal 6 Mei 2013, dari <http://repository.usu.ac.id/bitstream/123456789/2020/1/08E00076.pdf>.
- Deptan, 2005, *Flu Burung (Avian Influenza)*. Diakses tanggal 5 Mei 2013, dari <http://www.litbang.deptan.go.id/special/ai>.
- Djubaedah, E., J.J Pardede, E.H Lubis, E.S Hartanto, dan S. Mulyani, 2002, *Diversifikasi produk olahan daun lidah buaya*. Laporan Balai Besar Industri Hasil Pertanian. Bogor. Hal. 42.
- E.W. Silverton, M.A. Navia, and D.R. Davies, 1977, *Proc.Natl.Acad.Sci*, 74 (5140), USA.
- Furnawanithi, S.P., 2004. *Khasiat dan Manfaat Lidah Buaya Si Tanaman Ajaib*. Agro Media Pustaka. Jakarta. Hal. 1-21.
- G. R. Waller, S. Mangiafico, and C. R. Ritchey., 1997, A chemical investigation of aloe barbadensis miller, *Proc. Okla. Acad. Sci.*, 58, 69-76.
- Gassmann M., Thommes P., Weiser T., Hubscher U., 1990, Efficient production of chicken egg yolk antibodies against a conserved mammalian protein, *J. Faseb*, 4 (8), 2528-32.
- Groom, Q.I. dan Reynolds, T., 1987. Barbaloin in Aloe species, *J. Of Med. Plant Res.*, p. 53,4, 345-348.
- Guyton, A. C. Dan Hall, J.E., 1997, *Textbook of Medical Physiology*, diterjemahkan oleh Irawati Setiawan, Edisi 9, 555-567, 583-584, EGC, Jakarta.
- Haak-Frendscho, M., 1994, Why IgY? Chiken Polyclonal Antibodi, An Appealing Alternative, *Promega Notes Magazine*, Number 46, p.11.
- Harsono, A., 2006, Perkembangan Baru Imunoterapi Dalam Pengobatan Penyakit.
- Hatta H, K Tsuda, M Ozeki, M Kim, T Yamamoto, S Otake, M Hirasawa, J Katz JNK Childers, and SM Michalek., 1997. Passive immunization against dental plaque formation in humans: effect of A mouth rinse containing egg

- yolk Antibodies (Ig-Y) specific to Streptococcus mutans. *Caries Res.* 31(4):268-74.
- Hau, J. dan Hendriksen, C.F.M., 2005. Refinement of Polyclonal Antibody Production by Combining Oral Immunization of Chickens with Harvest of Antibodies from the Egg Yolk, *J. ILAR*. 46 (3).
- Jackson, A.L., 1993, *Antigen dan Imunogenitas*, dalam Bellanti, J.A, Imunologi III, diterjemahkan oleh Samik Wahab, 86-88, Gadjah Mada University Press, Yogyakarta.
- Jawets, E., Melnick, J.L dan Adelberg, E.A., 2001, *Medical Microbiology*, 2nd Edition, 110, 119, Mc. Graw-Hill Book Company, New York Jawets, E., Melnick, J.L & Adelberg, E.A., 2001, *Medical Microbiology*, 2nd Edition, 110, 119, Mc. Graw-Hill Book Company, New York.
- Kaisho, Tsuneyasu., 2007, *Elucidating the mechanism behind immunity using dendritic cells*. Diakses pada tanggal 6 Mei 2012, dari <http://www.rikenresearch.riken.jp/eng/frontline/5028>.
- Kamps, Hoffman, Presier, 2006, *Influenza Report*, Indeks, Jakarta.
- Kemper, K., dan Chiou, V. (1999). The longwood herbal task force *Aloe vera*. Diakses pada tanggal 10 Mei 2013, dari <http://www.mcp.edu/herbal/default.htm>.
- Kresno, A. B., 2003, *Imunology : Diagnosis dan Prosedur Laboratorium*, edisi V, Jakarta : Fakultas Kedokteran Universitas Indonesia.
- Lee J.K., Lee M.K., Yun Y.P., Kim Y., Kim J.S., Kim Y.S., dkk., 2001. Acemannan purified from *Aloe vera* induces phenotypic and functional maturation of immature dendritic cells. *International Immunopharmacology*, 1, 1275–1284.
- Liu, J., Xiao, H., Lei, F., Zhu, Q., Qin, K., Zzhang X.W., 2005, Highly Pathogenic H5N1 Influenza Virus Infection in Migratory Bird, *Science*, 309; 1206 cit Radji, M., 2006, *Avian Influenza (H5N1)*: Patogenesis, Pencegahan dan Penyebaran pada manusia, *Majalah Ilmu Kefarmasian*, 3 (2), 55-56.
- Loeken, M.R., dan Roth, T.F., 1983, Analysis of Maternal IgG Subpopulations Which Are Transported Into The Chiken Oocyte, *Immunology*, 49 (1), 21-28 cit Carlander, D., 2002, Avian IgY Antibody In Vitro an In Vivo, *Disertasi*, Faculty of Medicine Uppsala University, Uppsala.
- Medion, 2006, *Medivac® AI subtipo H5N1 vaksin inaktif berbentuk emulsi untuk mencegah penyakit Avian influenza (AI) pada unggas*. Diakses pada tanggal 5 Mei 2013, dari <http://info.medion.co.id/index.php/lain-lain/informasi-produk/medivac-ai>.
- Meijer, A dkk., 2006, Measurement of Antibodies to *Avian Influenza A (H7N7)* in Human By Hemagglutination Inhibition. *J Virological Methods* 132:113-120.

- Mine, Y., dan Kovacks-Nolan, J., 2002, Chiken Egg Yolk Antibodies as Therapeutics in Enteric Infectious Disease: a Review, *J Med Food*, 5 (3), 159-169.
- Mulyadi, B., dan Prihatini, 2005, Diagnostik Laboratorik Flu Burung (H5N1), *Indonesian Journal of Clinical Pathology and Medical Laboratory*, 12 (2), 71-81.
- Mustchler, E., 1991, *Dinamika Obat*, Penerbit ITB, Bandung.
- Nichols WS, RM Nakamura. 1986. Agglutination and Agglutination Inhibition Assays. Di dalam: Rose NR, Friedman H, Fahey JL, editor. *Manual of Clinical Laboratorium Immunology*. Ed ke-3. USA: American Society for Microbiology. hlm 49-56.
- Nurhadi, Sijam. K., dan Sulaiman, I., 2003, Production of Polyclonal Antibody to the Coat Protein of Citrus Tristeza Virus In Chiken Eggs, *Indonesian Journal of Agricultural Sience*, 4 (1), 18-26.
- Parslow, Tristram G., 1997, *Immunogen, Antigen, dan Vaccines* dalam Stites, Daniel P, Terr, A.I, Parslow T.G., Medical Immunology 9th ed, Prentice Hall International Inc, Washington D.C.
- Perry, L.M., 1980, *Medicinal Plants of East and South East Asia*, p. 233-234, The MIT Press Cambridge, Massachusetts, London, England.
- PP RI, 1999, *Pemanfaatan Jenis Tumbuhan dan Satwa Liar* . UU No.8, Jakarta.
- Prihandani O.R., 2006, Pengaruh Pemberian Jus *Aloe vera* terhadap Sebukan Sel Mononuklear pada Mencit C3H yang Diinokulasi Sel Adenokarsinoma Mamma, *Skripsi*, Fakultas Kedokteran Universitas Diponegoro Semarang.
- Purbaya, 2003, *Mengenal dan memanfaatkan khasiat Aloe Vera*. CV. Pioner Jaya. Bandung. Hal. 21-165.
- Radji, M., 2006, *Avian Influenza* (H5N1): Patogenesis, Pencegahan dan Penyebaran pada manusia, *Majalah Ilmu Kefarmasian*, 3 (2), 55-56.
- Raj, G.D., Latha, B., Chandrasekhar, M.S., dan Thiagarajan, V., 2004, Production, Characterization and Application of Monoclonal Antibodies Againts Chiken IgY, *Veterinarski Arhiv*, 74 (3), 189-199.
- Rasyaf M., 1997, *Beternak Ayam Petelur*, Penerbit Kanisius, Yogyakarta.
- Santoso, M., Salim, H., dan Alim, H., 2005, *Avian Influenza* (Flu Burung), *Cermin Dunia Kedokteran*, 148, 21-24.
- Schmidt, P., Wiedemann, V., Kuhlmann, R., Wanke, R., Linckh, E. dan Losch, U., 1989, Production of Antibodies to Canine Distemper Virus in Chicken Eggs for Immunochemistry. *J. of Vet. Med. B.*, 36, 661 – 668.
- Setiabudi D., Avian Influenza in Humans (with Emphasis on H5N1 Infection). International Symposium Pediatric Challenge, IDAI Cabang Sumatera Utara, Medan, 1-4 Mei, 2006, h. 38-49.

- Siregar AA, J Pamungkas, SSD Yusuf, T Sunartatie, ES Pribadi. 2006. *Diktat Penuntun Praktikum Mata Kuliah Mikrobiologi II*. Bogor: Laboratorium Immunologi Veteriner Departemen IPHK FKH IPB.
- Smith DJ, WF King, dan R Godiska., 2001. Passive Transfer of Immunoglobulin Y Antibody to *Streptococcus mutans* Glucan Binding Protein B can Confer Protection Against Experimental Dental Caries. *Infection and Immunity* 69 (5) 3135-3142.
- Soejoedono RD, IWT Wibawan, dan Z Hayati., 2007. Pemanfaatan telur ayam sebagai pabrik biologis: Produksi Ig-Y anti plaque dan diare dengan titik berat pada anti *S. mutan* dan *Salmonella enteritidis*. Laporan RUT XII.Bidang Kesehatan. Reguler.
- Soejoedono RD, S Murtini, dan IWT Wibawan., 2009. Produksi Bahan Pangan Berkhasiat anti Flu Burung sebagai solusi Pencegahan dan Pengobatan Penyakit Flu Burung pada Manusia. Laporan. Hibah Kompetensi.
- Specter S. 2000. *Clinical Virology Manual 3rd edition*. Washington D.C: ASM Press.
- Stahl, E., 1985, Analisis *Obat secara Kromatografi dan Mikroskopi*, Edisi terjemahan (diterjemahkan oleh Kosasih Padmawinata, Iwang Soediro), hal 81-82, 94-97, penerbit ITB, Bandung.
- Stuart RW, Letkowitz DL, Lincoln JA, Howard K, Gelderman MP, Lefkowitz SS. Upregulation of phagocytosis and candidicidal activity of macrophages exposed to the immunostimulant acemannan. *Int J Immunopharmacol*, 1999; 19/2 : 75-82.
- Sudarjat, 1991, Epidemiologi Penyakit Hewan, Jilid 1, Direktorat Bina Kesehatan Hewan Direktorat Jenderal Peternakan, Departemen Pertanian.
- Sudarsono, Pudjoanto, A., Gunawan, D., Wahyuono, S., Donatus, I. A., Drajad, M., Wibowo, S., dan Ngatidjan, 1996, *Tumbuhan Obat, Hasil Penelitian, Sifat-sifat dan Penggunaan*, 44-52, Pusat Penelitian Obat Tradisional, UGM, Yogyakarta.
- Suharni, 2004, Pengaruh jus *Aloe vera* terhadap kemampuan fagositosis makrofag dan produksi nitric oxide mencit BALB/C yang diinfeksi *Salmonella typhimurium*, *Tesis*, Universitas Diponegoro, Semarang.
- Sunarsih S.E., dan Pamuji S., Pengaruh Pemberian Vitamin C Terhadap Kadar Kolesterol Total Serum Tikus Wistar Jantan Hiperlipidemia Setelah Perlakuan Jus Lidah Buaya (*Aloe vera* Linn), *Skripsi*, Fakultas Kedokteran Universitas Diponegoro Semarang.
- Surjushe A. Vasani R.Saple GD. *Aloe vera: a short review*. Indian J Dermatol 2008; 53: 163
- Tabbu, C. R., 2000, *Penyakit Ayam dan Penanggulangannya. Penyakit Bakterial, Mikal, dan Viral*. Edisi II, Vvol. 1, Hal 232-244, Kanisius, Yogyakarta.

- Tizard, I.R., 1988, *Pengantar Imunologi Veteriner*, Ed kedua, 69-70, Saunders Company, London.
- Tjitosoepomo, G., 1988,. *Taksonomi Tumbuhan*, (Spermatophyta), hal 415-416, Gadjah Mada Univ. Press.
- Tressler, R.L., dan Roth, T.F., 1987, IgG Receptor on The Embryonic Chick Yolk sac, *J Biol Chem*, 262 (32), 15406-15412 cit Carlander, D., 2002, Avian IgY Antibody In Vitro an In Vivo, *Disertasi*, Faculty of Medicine Uppsala University, Uppsala.
- Warr, G.W., Magor, K.E., Higgind, D.D., 1995, IgY Class to the Origin of Modern Antibody, *Imunol today*.
- Wiedosari E., 2007., Peranan Imunomodulator Alami (Aloe vera) Dalam Sistem Imunitas Seluler dan Humoral, *WARTAZOA Vo 17. 2007.*
- World Health Organization. *WHO H5N1 avian influenza: Timeline of major events*. December 17, 2012.
- World Heath Organization. *WHO case definition for human infection with influenza A(H5N1) virus*. Geneva: World Health Organization. August 29, 2006.
- Youngken, H.W., 1961, *Textbook of Pharmacology*, 6th, Ed., hal 298-203, The Blakiston Division, Mc. Graw-Hill Company, Inc., New York-Toronto-London.
- Yuen KY., Wong SS. 2005. Human *Infection by avian Influenza H5N1*. Hongkong Med J. 2005 Jun; 11 (3): 189-199.