

## DAFTAR PUSTAKA

- Abbas, A.K., Lichtman, A.H., dan Pillai, S., 2014, *Basic Immunology : Functions and Disorders of The Immune System*, 4<sup>th</sup> edition, Elsevier, Philadelphia
- Aisha, A.F.A., Salah, K.M.A., Ismail, Z., dan Majid, A.M.S.A., 2012, In vitro and in vivo anti-colon cancer effects of *Garcinia mangostana* xanthonex extract, *BMC Complementary and Alternative Medicine*, **12**(104)
- Anderson W.L., 1999, Introduction to the Immune System: Innate and Acquired Immunity, *Immunology*, Fence Creek Publishing, Madison, 7-22
- Anonim, 2017, Enzyme-Linked Immunosorbent Assay (ELISA), <http://www.rockland-inc.com/elisa.aspx>, 14 Maret 2017
- Antolovich, M., Prenzler, P.D., Patsalides, E., McDonald, S., dan Robards, K., 2002, Methods for testing antioxidant activity, *Analyst*, **127**, 183-189
- Assi, R.A., Darwis, Y., Abdulbaihaqi, I.M., Khan, A.A., Vuanghao, L., dan Laghari, M.H., 2015, *Morinda citrifolia* (Noni): A comprehensive review on its industrial uses, pharmacological activities, and clinical trials, *Arabian Journal of Chemistry*
- Azizah, Zulfi, 2017, Pengaruh Kombinasi Ekstrak Buah Mengkudu (*Morinda citrifolia* L.) dan Ekstrak Kulit Buah Manggis (*Garcinia mangostana* L.) terhadap Jumlah Sel TCD8<sup>+</sup> dalam Sistem Imun, *Skripsi*, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta
- Baratawidjaja K. 2006. *Sistem Imun, Immunologi Dasar*, Edisi ke-7, Balai Penerbit FKUI, Jakarta
- Benjamini, E., Coico, R., dan Sunshine, G., 2000, *Immunology*, 4<sup>th</sup> edition, Wiley-Liss, Toronto
- Burgess, G.W., 1988, *Basic Principle of ELISA and Variations in configuration : ELISA Technology in Diagnostic Research*, Graduate School of Tropical Veterinary Science James Cook University of North Queensland Townsville, Australia
- Dalimarta, 2006, *Atlas Tumbuhan Obat Indonesia*, Edisi ke-4, Puspa Swara, Indonesia
- Dewi I.D.A.D.Y., Astuti K.W. dan Warditiani N.K., 2013, Skrining Fitokimia Ekstrak Etanol 95% Kulit Buah Manggis (*Garcinia mangostana* L.), *Jurnal Farmasi Udayana*

- Dephour, A.A., Ebrahimzadeh, M.A., Fazel, N.S., Mohammad, N.S., 2009, Antioxidant activity of the methanol extract of *Ferula assafoetida* and its essential oil composition, *gracas y aceites*, **60**(4), 405-412
- Engvall, E. dan Perlmann, P., 1972, Enzyme-linked immunosorbent assay ELISA. III. Quantitation of specific antibodies by enzyme labelled anti-immunoglobulin in antigen coated tubes, *J. Immunol.*, **109**, 129
- Engvall, E. dan Perlmann, P., 1971, Enzyme-linked immunosorbent assay (ELISA). Quantitative assay of IgG, *Immunochemistry*, **8**, 871
- Furusawa E., Hirazumi A., Story S. dan Jensen J., 2003, Antitumour potential of a polysaccharide-rich substance from the fruit juice of *Morinda citrifolia* (Noni) on sarcoma 180 ascites tumour in mice, *Phytotherapy Research*; **17**(10), 1158-1164
- Gandjar, I.G., dan Rohman, A., 2007, *Kimia Farmasi Analisis*, Pustaka Pelajar, Yogyakarta
- Hirazumi, A., dan Furusawa, E., 1999, An Immunomodulatory Polysaccharide-Rich Substance from the Fruit Juice of *Morinda citrifolia* (Noni) with Antitumour Activity, *Phytoter Res.*, **13**, 380–387
- José, P.C., Noemi, C.R., Marisol, O., Jazmin, M., dan Pérez, R., 2008, Medical Properties of Mangosteen (*Garcinia mangostana* L.), *Food and Chemical Toxicology*, **46**, 3227-3239
- Ju, G., Collins, L., Kaffka, K.L., Tsien, W.H., Chizzonite, R., Crowl, R., Bhatt, R., dan Kilian, P.L., 1987, Structure-Function Analysis of Human Interleukin-2: Identification Of Amino Acid Residues Required For Biological Activity, *Journal Of Biological Chemistry*, **262**(12), 5723-5731
- Jung H.A.H, Su B.N, Keller W.J, Mehta R.G.A., dan Douglas K., 2006, Antioxidant Xanthenes from the Pericarp of *Garcinia mangostana* (Mangosteen), *J. Agric. Food Chem.*, **54**, 2077-2082
- Karadeniz, F., Burdurlu, H.S., Koca, N., dan Soyer, Y., 2005, Antioxidant activity of selected fruits and vegetables grown in Turkey, *Turkish Journal of Agricultural and Forest*, **89**, 297-303
- Kayser, O., Masihi, K.N., dan Kiderlen, A.F., 2003, Natural Products and Synthetic Compounds as Immunomodulators, *Expert Rev Anti-infect Ther.*, **1**(2), 31-35

- Lin Z.B., 2005, Cellular and Molecular Mechanisms of Immuno-modulation by *Ganoderma lucidum*, *Journal of Pharmacological Sciences*, 2(99),144-153
- Masihi, K.N., 2001, Fighting Infection Using Immunomodulatory Agents, *Expert Opinion on Biological Therapy*, 4, 641-645
- Nelson, S.C., 2006, *Morinda citrifolia* (Noni), *Species Profiles for Pacific Island Agroforestry*, Ver. 4
- Orozco, F.G., dan Failla, M. L., 2013, Biological Activities and Bioavailability of Mangosteen Xanthones : A Critical Review of the Current Evidence, *Nutrients*, 5(8), 3163-3183
- Pedraza-Chaverri, J., Cardenaz-Rodriguez, N., Orozco-Ibarra, M., dan Perez-Rojas, J.M., 2008, Medicinal properties of mangosteen (*Garcinia mangostana*), *Food and Chemical Toxicology*, 46, 3227–3239
- Pham-Huy, L.A., He, H., dan Pham-Huy, C., 2008, Free Radicals, Antioxidants in Disease and Health, *Int J Biomed Sci*, 4(2), 89-96
- Prior, R.L., Wu, X., dan Schaich, K., 2005, Standardized Methods for the Determination of Antioxidant Capacity and Phenolics in Foods and Dietary Supplements, *J. Agric. Food Chem.*, 53, 4290-4302
- Sasmito, E., Hertiani, T., Renggani, T.N., dan Laksana, B.J., 2015<sup>a</sup>, Polysaccharide-rich Fraction of Noni fruit (*Morinda citrifolia* L.) as Doxorubicin Co-chemoterapy: Evaluation on Catalase, Macrophage and TCD8+ Lymphocyte, *Sci Pharm.*, 83, 479-488
- Sasmito, E., Hertiani, T., Kartika, S., Putri, F.M., Setiawan, V., dan Narastika, L., 2015<sup>b</sup>, Optimization of Polysaccharide-rich Fractionation from *Morinda citrifolia* L. Fruit based on Immunostimulatory Effect in vitro, *Indonesian J. Pharm.*, 26(2), 78-85
- Sayuti, K., dan Yenrina, R., 2015, *Antioksidan, Alami dan Sintetik*, Andalas University Press, Padang
- Sheehan, Catherine, 1997, *Clinical Immunology Principles and Laboratory Diagnosis*, 2<sup>nd</sup> edition, Lippincott, New York
- Shekhar, T.C., dan Anju, G., 2014, Antioxidant Activity by DPPH Radical Scavenging Method of *Ageratum conyzoides* Linn. Leaves, *American Journal of Ethnomedicine*, 1(4), 244-249

- Shen, W.C., dan Louie, S.G., 2005, *Immunology for Pharmacy Students*, Harwood Academic Publishers, Amsterdam
- Sjabana, D. dan Bahalwan, R.R., 2002, *Seri Referensi Herbal : Pesona Tradisional dan Ilmiah Buah mengkudu (Morinda citrifolia, L)*, Salemba Medika, Jakarta
- Solomon N., 1998, *Noni : Nature's Amazing Healer*, Woodland Books, Pleasant Grove, Utah
- Sordillo, L.M., dan Aitken, S.L., 2009, Impact of oxidative stress on the health and immune function of dairy cattle, *Veterinary Immunology and Immunopathology*, **126**, 104-109
- Stites, D.P. dan Terr, A.I., 1990, *Basic and Clinical Immunology*, 7<sup>th</sup> edition, Appleton and Lange, USA
- Syamsuhidayat, S.S. dan Hutapea, J.R., 1991, *Inventaris Tanaman Obat Indonesia*, Departemen Kesehatan RI, Jakarta
- Suttirak, W., dan Manurakchinakorn, S., 2014, In vitro antioxidant properties of mangosteen peel extract, *J Food Sci Technol*, **51**(12), 3546-3558
- Tang, Y.P., Li, P.G., Kondo, M., Ji, H.P., Kou, Y., dan Ou, B., 2009, Effect of a Mangosteen Dietary Supplement on Human Immune Function: A Randomized, Double-Blind, Placebo-Controlled Trial, *Journal of Medicinal Food*, **12**(4), 755-763
- Tjahjani, S., Widowati, W., Khiong K., Suhendra A., dan Tjokropranoto, R., 2014, Antioxidant Properties of *Garcinia mangostana* L (Mangosteen) Rind, *Procedia Chemistry*, **13**, 198-203
- Van Weemen, B. K. dan Schuurs, A. H. W. M., 1971, Immunoassay using antigen enzyme conjugates, *FEBS Letters*, **15**, 232
- Wijayakusuma, H., dan Dalimartha, S., 1995, *Ramuan Tradisional Untuk Pengobatan Darah Tinggi*, Penebar Swadaya, Jakarta