

BAB V

KESIMPULAN DAN SARAN-SARAN

5.1. Kesimpulan

Berdasarkan hasil analisis data secara statistik yang diperoleh, maka dapat disimpulkan bahwa pemberian methisoprinol dengan dosis 50 mg/kgBB/hari dan dosis 60 mg/kgBB/hari tidak memberikan efek peningkatan IgM serum yang bermakna.

5.2. Saran-saran

Dari hasil pengamatan terhadap pemberian methisoprinol pada subyek penderita tuberkulosis paru aktif dapat diberikan saran yaitu perlu dilakukan penelitian lebih lanjut dengan penambahan jumlah subyek untuk mengurangi variasi data dan penelitian dapat dilanjutkan dengan mengukur kadar limfosit dan interferon (IFN).

DAFTAR PUSTAKA

- Abbas, A.K., Lichthman, A.H. Pober, J.S. 1997. *Cellular and Molecular Immunology*, 3rd ed. W. B. Saunders Company, Philadelphia, pp. 4-5, 9, 42, 66, 298-302.
- Bowry, T.R. 1984. *Immunology Simplified*. 2nd ed. Oxford University Press. New York, pp. 39, 24, 28-29, 49.
- Brooks, G.F., Butel, J.S. Morse, S.A., 2001. *Mikrobiology Kedokteran*, (Mudihardi, penerjemah. Salemba Medika, Jakarta, hal 191.
- Baratawijaya, K.G. 2000. *Imunologi Dasar*. Edisi ke-4. Balai Penerbit Fakultas Kedokteran Universitas Indonesia. Jakarta, hal 29, 251-252.
- Chapel, H. & Haeney, M., 1984. *Essential of Clinical Immunology*, Blackwell Scientific Publication, London, pp. 7, 11-12.
- Crofton, J., Horne, N., Miller, F., 2002. *Tuberkulosis Klinis*. (Harun, M., dkk, penerjemah). Widya Medika, Jakarta, hal.19-22
- Czaky, T.Z., & Barnes, B.A., 1984. *Cutting's Handbook of Pharmacology: The Action and Uses of Drugs*. 7th ed. Appleton-Century-Crofts, Connecticut, p. 386
- DiPalma, J.R. & DiGregorio, G.J., 1990. *Basic Pharmacology in Medicine*. 3th ed. The McGraw Hill Companies Inc., USA, pp 670-671.
- Farmakologi dan Terapi edisi IV*, 1995. Bagian Farmakologi Fakultas Kedokteran UI, Jakarta, hal. 525.
- Goodman & Gilman. 1996. *The Pharmacological Basis of Therapeutics*. 8th ed. Brunton,L.L. (ed.), The McGraw Hill Companies Inc., USA, p. 1305.
- Goodman & Gilman. 2006. *The Pharmacological Basis of Therapeutics*. 11th ed. Brunton,L.L. (ed.), The McGraw Hill Companies Inc., USA, p. 1422.
- Greenwood, G.H.,& Whittle, A.C., 1988. *Immunology of Medicine in the Tropics*. The English Language Book Society, London, pp. 32-33.
- Guyton, A.C., 1993. *Buku Ajar Fisiologi Kedokteran*. edisi 9, (Setiawan I., penerjemah). EGC, Jakarta, hal. 75-80.

Handoko, I., 2003. *Pengantar Imunoasai Dasar*. Airlangga University Press. Surabaya, hal. 19, 22-60.

Katzung, B., 2004. *Farmakologi Dasar dan Klinik*. Bagian Farmakologi Fakultas kedokteran Universitas Airlangga (Ed.), Salemba Medika, Jakarta, hal. 357-363, 366-368, 386-390.

Kresno, S.B., 2001. *Imunologi: Diagnosis dan Prosedur Laboratorium*. Balai Penerbit Fakultas Kedokteran Universitas Indonesia. Jakarta, hal. 2-17, 44-57.

Levinson, W., & Jawetz, E., 2002. *Medical Microbiology & Immunology : Examination & Board Review*. 7th ed. The McGraw-Hill Companies, Inc., New York, pp. 353-354, 360-362, 431.

Martindale: The Complete Drug Reference. 34th ed. 2005. The Pharmaceutical Press, London, p. 640.

Martindale: The Extra Pharmacopoeia. 28th ed. 1982. The Pharmaceutical Press, London, pp. 94-95.

McCance, K.L.,& Huether, S.E., 1998. *Pathophysiology: The Biologic Basis for Disease in Adults and Children*. 3rd ed. Mosby-Year Book, Inc., pp. 364-365.

Moffat, C.A., Osselton, M.D., Widdop, B., 2004. *Clake's Analysis of Drugs and Poisons : in pharmaceutical, body fluids and postmortem material*. Pharmaceutical Press, London, p 1168.

Newark/DBD., 2007. *Brosur N Antisera o Human IgM*, Newark/DBD, Marburgh, p 1.

Njikamp, F.P. & Parnham, M.J. 2005. *Principles of Immunopharmacology*. Birkhauser Verlag. Switzerland, p 384.

Pedersen,C., Sandstrom, E., Petersen, C.S., Norkrans, G., Gerstoft, J., Karlsson, A., Christensen, K.C., Hakansson, C., Pehrson, P.O., Nielsen, J.O., 1990, The efficacy of inosine pranobex in preventing the acquired immunodeficiency syndrome in patients with human immunodeficiency virus infection, the scandinavian isoprinosine study group. *The New England Journal of Medicine*, **322**, 1757-1763.

- Pugh, N., Ross, S.A., ElSohly, H.N., ElSohly, M.A., Pasco, D.S., 2000. Isolation of Three High Molecular Weight Polysaccharide Preparations with Potent Immunostimulatory Activity from *Spirullina platensis*, *Aphanizomenon flos-aquae* and *Chlorella pyrenoidosa*. *Planta Medica*, **67**, 737-742.
- Roitt, I.M., Brostoff, L.P., Male, H., 1996. *Immunology*. 4th ed. Mosby Times Mirror International Publishers Limited, London, pp. 41-45.
- Renoux, G., 1980. *The General Immunology of Levamisole*. Thomson Learning Inc., Australia, pp. 89-99.
- Salyers, A.A., Whitt, D.D., 2002. *Bacterial Pathogenesis : a molecular approach*. 2nd ed. ASM Press, Washington, p. 296.
- Sigal, L.H., 1994. *Immunology and Inflammation*, McGraw Hill, Inc., New York, pp. 49-52, 347, 547-576.
- Spiegel, M.R., 1985. *Theory and Problems of Statistics in SI Unit*. 1st ed. McGraw-Hill International Book Company, New York, p. 344.
- Stanley, J., 2002. *Essential Immunology and Serology*. Thomson Learning Inc., Australia, pp. 136, 143-145.
- Stites, D.P., Stobo, J.D., Fudenberg, H.H., Wells, J.V., 1982. *Basic & Clinical Immunology*. 4th ed. Lange Medical Publication, California, pp. 718, 728-729.
- Sudjana., 1985. *Desain dan Analisis Eksperimen*. edisi 9. Penerbit Tarsito. Bandung, hal 277.
- Tjandrawinata, R.R., Ma'at, S., Nofiarny, D., 2005. Effects of Standardized *Phyllanthus niruri* Extract on Changes in Immunologic Parameters: Correlation Between Pre-clinical and Clinical Studies. *Medika*, **XXXI**, 367-370.
- Weir, D.M., 1983. *Immunology*, 5th ed. Longman Group. Ltd., Singapore, pp. 27, 66-67, 181-182.