

DAFTAR PUSTAKA

- Abbas, A.K., Lichtman, A.H. and Pillai, S., 2011. *Cellular and Molecular Immunology*. 7th ed. Saunders Elsevier.
- Badan Penelitian dan Pengembangan Kesehatan, 2008. *Riset Kesehatan Dasar (RISKESDAS) 2007*. Jakarta.
- Baratawidjaja, K.G. and Rengganis, I., 2009. *Imunologi Dasar*. 8th ed. Balai Penerbit Fakultas Kedokteran Universitas Indonesia.
- Chapman, S.J. and Hill, A.V.S., 2012. Human genetic susceptibility to infectious disease. *Nature Reviews Genetics*, 13, pp.175–188.
- Chun, R.F., Adams, J.S. and Hewison, M., 2011. Immunomodulation by vitamin D: implications for TB. *Expert review of clinical pharmacology*, 4(5), pp.583–591.
- Cooper, A.M., Solache, A. and Khader, S.A., 2007. Interleukin-12 and tuberculosis: an old story revisited. *Current opinion in immunology*, 19(4), pp.441–447.
- Cooper, A.M., 2009. Cell mediated immune responses in tuberculosis. *Annual review of immunology*, 27, pp.393–422.
- Coussens, A.K., Wilkinson, R.J., Hanifa, Y., Nikolayevskyy, V., Elkington, P.T., Islam, K., Timms, P.M., Venton, T.R., Bothamley, G.H., Packe, G.E. and Darmalingam, M., 2012. Vitamin D accelerates resolution of inflammatory responses during tuberculosis treatment. *Proceedings of the National Academy of Sciences*, 109(38), pp.15449–15454.
- Van Crevel, R., Ottenhoff, T.H.M. and van der Meer, J.W.M., 2002. Innate immunity to Mycobacterium tuberculosis. *Clinical microbiology reviews*, 15(2), pp.294–309.
- D'Ambrosio, D., Cippitelli, M. and Cocciole, M., 1998. Inhibition of IL-12 production by 1, 25-dihydroxyvitamin D3. Involvement of NF-kappaB downregulation in transcriptional repression of the p40 gene. *Journal of Clinical*. [online] Available at: <<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC508562/>> [Accessed 24 Jul. 2016].
- Deluca, H.F. and Cantorna, M.T., 2001. Vitamin D: its role and uses in immunology. *The FASEB Journal*, 15(14), pp.2579–2585.
- Deveci, F., Akbulut, H.H., Turgut, T. and Muz, M.H., 2005. Changes in serum cytokine levels in active tuberculosis with treatment. *Mediators of inflammation*, 2005(5), pp.256–262.
- Kementerian Kesehatan RI, 2013. *Petunjuk Teknis Manajemen TB Anak*. Jakarta: Direktorat Jenderal Pengendalian Penyakit dan Penyehatan Lingkungan
- Gombart, A.F., 2009. The vitamin D-antimicrobial peptide pathway and its role in

protection against infection. *Future microbiology*, 4(9), pp.1151–1165.

Hamza, T., Barnett, J.B. and Li, B., 2010. Interleukin 12 a key immunoregulatory cytokine in infection applications. *International journal of molecular sciences*, 11(3), pp.789–806.

Hansdottir, S. and Monick, M.M., 2011. Vitamin D effects on lung immunity and respiratory diseases. *Vitamins and hormones*, 86, p.217.

Hazelzet, J.A., Kornelisse, R.F., van der Pouw Kraan, T.C., Joosten, K.F., van der Voort, E., van Mierlo, G., Suur, M.H., Hop, W.C., de Groot, R. and Hack, C.E., 1997. Interleukin 12 levels during the initial phase of septic shock with purpura in children: relation to severity of disease. *Cytokine*, 9(9), pp.711–716.

Holick, M.F., 2007. Vitamin D deficiency. *New England Journal of Medicine*, 357(3), pp.266–281.

Kamen, D.L. and Tangpricha, V., 2010. Vitamin D and molecular actions on the immune system: modulation of innate and autoimmunity. *Journal of molecular medicine*, 88(5), pp.441–450.

Kusuma, H.M.S.C., 2007. Diagnostik Tuberkulosis Baru. *Sari Pediatri*, 8(4), pp.143–151.

Ladel, C.H., Szalay, G., Riedel, D. and Kaufmann, S.H., 1997. Interleukin-12 secretion by Mycobacterium tuberculosis-infected macrophages. *Infection and immunity*, 65(5), pp.1936–1938.

Lee, J.S., Song, C.H., Kim, C.H., Kong, S.J., Shon, M.H., Suhr, J.W., Jung, S.S., Lim, J.H., Kim, H.J., Park, J.K. and Paik, T.H., 2003. Depressed interleukin-12 production by peripheral blood mononuclear cells after in vitro stimulation with the 30-kDa antigen in recurrent pulmonary tuberculosis. *Medical microbiology and immunology*, 192(2), pp.61–69.

Liu, J., Cao, S., Kim, S., Chung, E.Y., Yoichiro, H., GUan, X., Jimenez, V. and Ma, X., 2005. Interleukin-12: an update on its immunological activities, signaling and regulation of gene expression. *Current immunology reviews*, 1(2), pp.119–137.

Liu, P.T., Stenger, S., Li, H., Wenzel, L., Tan, B.H., Krutzik, S.R., Ochoa, M.T., Schauber, J., Wu, K., Meiken, C. and Kamen, D.L., 2006. Toll-like receptor triggering of a vitamin D-mediated human antimicrobial response. *Science*, 311(5768), pp.1770–1773.

Marquez, L. and Starke, J.R., 2011. Diagnosis and management of TB in children: an update. *Expert review of anti-infective therapy*, 9(12), pp.1157–1168.

Mheid, I. Al, Patel, R., Tangpricha, V. and Quyyumi, A.A., 2013. Vitamin D and cardiovascular disease: is the evidence solid? *European heart journal*, p.eht166.

Morosini, M., Meloni, F., Bianco, A.M., Paschetto, E., Ucelli, M., POzzi, E. and Fietta, A., 2003. The assessment of IFN- γ and its regulatory cytokines in the plasma and bronchoalveolar lavage fluid of patients with active pulmonary tuberculosis.

The International Journal of Tuberculosis and Lung Disease, 7(10), pp.994–1000.

Raja, A., 2004. Immunology of tuberculosis. *Indian Journal of Medical Research*, 120(4), p.213.

Raviglione, M.C. and O'Brien, R.J., 2010. Tuberculosis. In: J. Loscalzo, ed., *Harrison's Pulmonary and Critical Care Medicine*. McGraw Hill, pp.115–138.

Rook, G.A., Steele, J., Fraher, L., Barker, S., Karmali, R., O'riordan, J. and Stanford, J., 1986. Vitamin D3, gamma interferon, and control of proliferation of *Mycobacterium tuberculosis* by human monocytes. *Immunology*, 57(1), p.159.

Sastroasmoro, S. and Ismael, S., 2002. *Dasar-dasar Metodologi Penelitian Klinis*. 2nd ed. Jakarta: Sagung Seto.

Setiabudiawan, B., 2010. Peran Defisiensi Vitamin D dan Polimorfisme FokI, BsmI, ApaI serta TaqI Gen Reseptor Vitamin D terhadap Tuberkulosis pada Anak. *Sari Pediatri*, 11(5).

Shahemabadi, A.S., Hosseini, A.Z., Shaghaseempour, S., Masjedi, M.R., Rayani, M., Shams, M., Esphandyari, N. and Pouramiri, M., 2010. IL-10 and IL-12 Production in Response to *Mycobacterium Tuberculosis* Total Lipid Antigens in Multidrug-Resistant Tuberculosis. *Iranian Journal of Immunology*, 7(1), p.57.

Shapira, Y., Agmon-Levin, N. and Shoenfeld, Y., 2010. *Mycobacterium tuberculosis*, autoimmunity, and vitamin D. *Clinical reviews in allergy & immunology*, 38(2-3), pp.169–177.

Sita-Lumsden, A., Lapthorn, G. and Swaminathan, R., 2007. Reactivation of tuberculosis and vitamin D deficiency: the contribution of diet and exposure to sunlight. *Thorax*, 62(11), pp.1003–1007.

Snellman, G., Melhus, H., Gedeborg, R., Byberg, L., Berglund, L., Wernroth, L. and Michaelsson, K., 2010. Determining vitamin D status: a comparison between commercially available assays. *PloS one*, 5(7), p.e11555.

Syafii, A.Z., Sukadi, A. and Setiabudiawan, B., 2008. Association between serum vitamin D level and tuberculosis in children. *Paediatrica Indonesiana*, 48(6), pp.350–353.

Trinchieri, G., 2003. Interleukin-12 and the regulation of innate resistance and adaptive immunity. *Nature Reviews Immunology*, 3(2), pp.133–146.

Vankayalapati, R., Wizel, B., Weis, S.E., Klucar, P., Shams, H., Samten, B. and Barnes, P.F., 2003. Serum cytokine concentrations do not parallel *Mycobacterium tuberculosis*-induced cytokine production in patients with tuberculosis. *Clinical infectious*, 36(1), pp.24–28.

Verbon, A., Juffermans, N., Van deventer, S.J.H., Speelman, P. and Van Deutekom, H., 1999. Serum concentrations of cytokines in patients with active tuberculosis (TB) and after treatment. *Clinical & Experimental Immunology*, 115(1), pp.110–113.

Verstuyf, A., Carmeliet, G., Bouillon, R. and Mathieu, C., 2010. Vitamin D: a pleiotropic hormone. *Kidney international*, 78(2), pp.140–145.

World Health Organization, 2015. *Global tuberculosis report 2015*.

