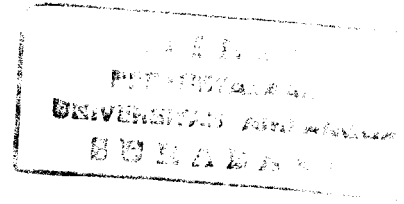


DAFTAR PUSTAKA

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- Anwar C, Susanto J, Yuliawati TH, 2007. Modul Kursus Singkat Histoteknik, edisi pertama, FK Unair
- Angulo I dan Fresno M, 2002. Cytokine in the pathogenesis of and protection against malaria, Clin. Diagn. Lab. immunol, 9(6):1145-1152
- Awandare G, 2007. Role of Macrophage Migration Inhibitory Factor (MIF) and MIF Promoter Polymorphisms in The Pathogenesis of Severe Malarial Anemia. Disertasi, University of Pittsburgh
- Basuki,S, 2000. Immunological analysis of pigmen malaria on the pathogenesis of severe malaria. Tesis, Tokyo University
- Beatty L 2005. The role of the spleen in malaria : Cellular changes that affect the development of immunity, Disertasi, Queensland University of Technology
- Bozza MT, Martins YC, Carneiro L, Paiva CN, 2012. Macrophage Migration Inhibitory Factor in Protozoan Infections, Journal of Parasitology Research, 2012:1-12
- Buffet P, Safeukui I, Deplaine G, Brousse V, Prendki V, Thellier M, Turner G, Mercereau-Puijalon O, 2011. The pathogenesis of *Plasmodium falciparum* malaria in humans: insight from splenic physiology, Blood, 117(2):381-392
- Calandra T, Roger T, 2003. Macrophage Migration Inhibitory Factor : A Regulator of Innate Immunity, Nature Reviews/Immunology, 3(10):791-780

- Chomczynski P dan Mackey K, 1995. Short technical report. Modification of the TRIZOL reagent procedure for isolation of RNA from Polysaccharide-and proteoglycan-rich sources, *Biotechniques*, 19(6): 942-945
- Cotterel S, Engwerda C, Kaye P 2000. Enhanced Hematopoietic Activity Accompanies Parasite Expansion in the Spleen and Bone Marrow of Mice, *Infection and Immunity* 68(4):1840-1848
- Crawley J, Chu C, Mtove G, Nosten F 2010. Malaria in children, *Lancet* 376:1488-51
- Culleton R, Kaneko O, 2010. Erythrocyte binding ligands in malaria parasites: Intracellular trafficking and parasite virulence, *Acta Tropica*, 114(3):131-137
- Del Portillo H, Ferrer M, Brugat T, Martin-Jaular L, Langhorne J, Lacerda M, 2011. The Role of the Spleen in Malaria. *Cellular Microbiology*, 14(3):343-355
- Depkes RI, 2010. Profil Kesehatan RI 2009. diunduh dari [www. Depkes.go.id](http://www.depkes.go.id)
- Doolan D, 2000. *Malaria Methods and Protocol*, 2nd edition, Humana Press
- Engwerda C, Beattie L, Amante F, 2005. The Importance of the spleen in malaria, *Trends in Parasitology*, 21(2):75-80
- Elyazar IRF dkk. 2011. *Plasmodium falciparum* Malaria Endemicity in Indonesia in 2010. *PLoS ONE* 6(6): e21315
- Fahey J and Spitalny G, 1984. Virulent and Nonvirulent forms of *P. yoelii* Are Not Restricted to Growth Within a Single Erythrocyte Type, *Infection and Immunity*, 44(1):151-156
- Freeman W, Walker S dan Vrana K, 1999. Quantitative RT-PCR: Pitfalls and Potential, *Bio Techniques*, 26:112-125

- Frita R, Carpau D, Mota MM, H'anscheid T, 2012. In Vivo Hemozoin Kinetics after Clearance of *Plasmodium berghei* Infection in Mice, *Malaria Research and Treatment*, 2012:1-9
- Fu Y, Ding Y, Zhou T, Ou Q, Xu W, 2012. Comparative Histopathology of Mice Infected With The 17XL and 17XNL Strains of *Plasmodium yoelii*, *J. Parasitol*, 98(2):310-315
- Garcia LS, 2001. Determination of Parasitemia in Diagnostic Medical Parasitology (Garcia LS, ed), 4th edition, ASM Press
- Haldar Kasturi, Mohandas Narla, 2009. Malaria, erythrocytic infection, and anemia, *American Society of Hematology, Hematology*:87-93
- Harijanto PN, 2000. Gejala Klinik Malaria. Dalam (Harijanto PN, ed). *Malaria, Epidemiologi, Patogenesis, Manifestasi Klinis dan Penanganan*, edisi ke-5, EGC, pp:151
- Helmby H, de-Souza B, 2008. Experimental malaria: using bloodstage infections of rodent malaria in *Methods in Malaria Research*, edisi 5, edited by Moll K, Ljungstrom I, Perlmann
- Hidajati S, 2005. Molecular and immunological aspects of anemia in malaria, *Folia Medica*, 41(3):240-245
- Hoffbrand AV, 2005. *Essential Hematology*, 4th ed, Blackwell Science Ltd, pp:1-5
- Jensen E, 2012. Real-Time Reverse Transcription Polymerase Chain Reaction to Measure mRNA, Limitations and Presentation of Result, *The Anatomical Record*, 295:1-3

- Kita M, Tong L, Tanaka K, Imanishi J, 1992. Expression de l'ARN messenger des cytokines chez la Souris dans des condition physiologiques, *Int. Immunol*, 4(4):475-485
- Kementrian Kesehatan RI 2012. Profil Data Kesehatan RI 2011, diunduh pada http://www.depkes.go.id/downloads/PROFIL_DATA_KESEHATAN_INDONESIA_TAHUN_2011.pdf, pada tanggal 3 Januari 2013
- Kusumawati D, 2004. Bersahabat Dengan Hewan Coba, edisi ke-1, Gadjah Mada University Press,
- Lamb TJ, Langhorne J, 2008. The severity of malarial anemia in *Plasmodium chabaudi* infections of BALB/c mice is determined independently of the number of circulating parasites, *Malaria Journal* 7(68):1-9
- Laminkara AA, Brown D, Potocnik A, Casals-Pascual C, Langhorne J, Roberts D, 2007. Malarial anemia: of mice and men, *Blood*, 10 (1):18-27
- Leng L, Bucala R, 2006. Insight into the biology of Macrophage Migration Inhibitory Factor (MIF) revealed by the cloning of its receptor, *Cell Research*, 16:162-168
- Li, Seixas, Langhorne 2001. Rodent malarias: The mouse as a model for understanding immune responses and pathology induced by the erythrocytic stages of the parasite, *Med Microbiol Immunol* 189:115-126
- Martiney J, Sherry B, Metz C, Espinosa M, Ferrer A, Calandra T, Broxmeyer H, Bucala R, 2000. Macrophage Migration Inhibitory Factor Release by Macrophages after Ingestion of *Plasmodium chabaudi*-Infected Erythrocytes:

- Possible Role in the Pathogenesis of Malarial Anemia, Infection and Immunity, 68(4):2259-2267
- Martin-Jaular L, et al., 2011. Strain-specific spleen remodelling in *Plasmodium yoelii* infections in Balb/c mice facilitates adherence and spleen macrophage-clearance escape, Cellular Microbiology, 13(1):109-122
- Moran CJ, De Rivera VS, Turk JL 1973. The immunological Significance of Histological Changes in The Spleen and Liver in Mouse Malaria, Clin exp Immunol 13:467-478
- Miller HL, Baruch ID, Marsh K, Doumbo KO, 2002. The Pathogenic Basis of Malaria, Nature, 415:673-679
- Millington OR, Di Lorenzo C, Phillips RS, Garside P, Brewer JM, 2006. Suppression of adaptive immunity to heterologous antigens during *Plasmodium* infection through hemozoin-induced cell function, Journal of Biology, 5:5
- Perkins J. Douglas , Were Tom, Davenport C. Gregory, Kempaiah Prakasha, Hittner James dan Ong'echa John Michael, 2011. Severe Malarial Anemia: Innate Immunity and Pathogenesis, Int.J.Biol.Sci, 7(9):1422-1442
- Price RN, et al, 2001. Factors contributing to anemia after uncomplicated falciparum malaria, Am. J Trop Med Hyg, 65(5):614-622
- Risadi J, Rodriguez-Sosa M, 2011. Macrophage Migration Inhibitory Factor (MIF) : A Key Player in Protozoan Infections, International Journal of Biological Sciences, 7(9):1239-1256
- Scholzen A, Minigo G, Plebanski M, 2009. Heroes or villains? T regulatoy cells in malaria infection, Trends in Parasitology, 26(1):16-25

- Smith JB dan Mangkoewidjojo, 1988. Pemeliharaan, pembiakan dan penggunaan hewan percobaan di daerah tropis, edisi pertama, Penerbit Universitas Indonesia
- Schwarzer E, Alessio M, Ulliers D, Arese P, 1998. Phagocytosis of the malarial pigment, hemozoin, impairs expression of Major Histocompatibility Complex Class II antigen, CD54, and CD11c in Human Monocytes, *Infection and Immunity*, 66(4):1601-1606
- Tambajong EH, 2000. Patobiologi Malaria. Dalam (Harijanto PN, ed). Malaria, Epidemiologi, Patogenesis, Manifestasi Klinis dan Penanganan, edisi ke-5, EGC, pp:54-117
- Urban CB and Roberts JD, 2002. Malaria, monocytes, macrophages and myeloid dendritic cells: sticking of infected erythrocytes switches off host cells, *Current Opinion in Immunology*, 14:458-465.
- Weiss L, Johnson J dan Weidanz W 1989. Mechanisms of splenic control in murine malaria: tissue culture studies of the erythropoietic interplay of spleen, bone marrow, and blood in lethal (strain 17XL) *Plasmodium yoelii* in BALB/c mice. *Am J Trop Med Hyg* 41(2):135-143
- Wintrobe MM, 1975. *Clinical Hematology*, 7th edition, Philadelphia: Lea and Febiger, pp:114-115
- Wykes M dan Good M. 2009. Infectious disease: Malaria. What have we learnt from mouse models for the study of malaria? *Eur. J. Immunol.* 39: 1991–2058
- WHO, 2009. WHO Malaria Report 2009, diunduh dari www.who.int

- WHO, 2000. Severe falciparum malaria. World Health Organization, Communicable Diseases Cluster. *Trans R Soc Trop Med Hyg* 94 Suppl 1: S1-90.
- Wickramasinghe SN dan Abdalla SH, 2000. Blood and bone marrow changes in malaria, *Baillieres Best Pract Res Clin Haematol*, **13**(2): 277-99
- Wong BL, Zhu S, Huang XR, Ma J, Xia H, Bucala R, Wong BC, 2009. Essential Role for Macrophage Migration Inhibitory Factor in Gastritis Induced by *Helicobacter pylori*, *Am J Pathol*, **174**(4):1319-1328
- Yamada H, Mizuno S, Reza-Gholizadeh M, Sugawara I, 2001. Relative Importance of NF- κ B p50 in Mycobacterial Infection, *Infect Immun*, **69**(11): 7100-7105
- Yamada A, Ogura T, Degawa Y, Ohmasa M, 2001. Isolation of *Tricholoma matsutake* and *T. bakamatsutake* cultures from field-collected ectomycorrhizas, *Mycosciences*, **42**(1):43-50
- Zainuddin M, 2000. Metodologi Penelitian, edisi 1, Airlangga University Press
- Zierow S, 2008. Structure, Function, and Mechanism of Human MIF and Parasitic Orthologs. Disertasi, Aachen University