DAFTAR REFERENSI

Alcon, S., A. Talarmin, M. Debruyne, A. Falconar, V. Deubel & M. Flamand. 2002. Enzyme-linked immunosorbent assay specific to dengue virus type 1 nonstructural protein NS1 reveals circulation of the antigen in the blood during the acute phase of disease in patients experiencing primary or secondary infections. *Journal of Clinical Microbilogy* 40(2), pp. 376-381.

Avirutnan, P., L. Zhang, N. Punyadee, A. Manuyakorn, C. Puttikhunt, W. Kasinrerk, P. Malasit, J.P. Atkinson & M.S. Diamond. 2007. Secreted NS1 of dengue virus attaches to the surface of cells via interactions with heparan sulfate and chondroitin sulfate E. *Public Library of Science Pathogens* 3(1), pp. 1798-1812.

Balitbangkes. 2013. *Pedoman Pengambilan Spesimen dan Pemeriksaan Laboratorium*. Jakarta: Departemen Kesehatan Republik Indonesia.

Baratawidjaja, K.G. & Rengganis, I. 2014. *Imunologi Dasar Ed. 11*. Jakarta : Fakultas Kedokteran Universitas Indonesia

Bhamarapravati, N. 1997. Pathology of dengue infections. *Dalam:* Gubler, D.J. & G. Kuno (eds.). 1997. *Dengue and dengue hemorrhagic fever.* New York: CAB International, pp. 115-131.

Byk, L.A. & Garmanik, A.V. 2016. Properties and functions of the dengue virus capsid protein. *Annual Review of Virology* (3), pp. 263-281.

Campbell, S. & M.L. Landry. 2006. Rapid antigen tests. *Dalam:* Tang, Y.W. & C.W. Stratton. 2006. *Advanced techniques in diagnostic microbiology*. New York: Springer, pp. 23-41.

Chakraborty, T. 2008. *Deadly diseases and epidemics: Dengue fever and other hemorrhagic viruses*. New York: Infobase Publishing, pp. 102

Chaturvedi, U.C., Agarwal, R., Elbibishi, E.A., & Mustafa, A.S. 2000. Cytokine cascade in dengue hemorrhagic fever: implications for pathogenesis. *Pathogens and Disease* 3(28), pp.183-188

Coupanec, A.L., Tchankouo-Nguetcheu, S., Roux, P., Khun, H., Huerre, M., Morales-Vargas, R., Enguehard, M., Lavillette, D., Misse, D., & Chourmet, V. 2017. Co-infection of mosquitoes with chikungunya and dengue viruses reveals modulation of the replication of both viruses in midguts and salivary glands of *Aedes aegypti* mosquitoes. *International Journal of Molecular Science* 18(1708), pp. 1-17

Deeba, F., Nazia Afreen, Asimul Islam, Irshad Hussain Naqvi, Shobha Broor, Anwar Ahmed and Shama Parveen. 2016. Co-infection with dengue and chikungunya viruses. *Journal of Virology (6),* pp. 105-117

Departemen Kesehatan Republik Indonesia (Depkes RI). 2012. *Pedoman Pengendalian Chikungunya Edisi 2*. Jakarta : Kemeterian Kesehatan RI

Departemen Kesehatan Republik Indonesia (Depkes RI). 2010. Demam Berdarah Dengue. *Bulletin Jendela Epidemiologi* (2), pp. 1-48.

Fatmawati & Wijaya, C. 2017. Hubungan Respon Imun Humoral dengan Derajat Trombositopenia pada Pasien Demam Berdarah Dengue. *Skripsi.* Riau : Universitas Riau Press.

Fink, J., F. Gu, L. Ling, T. Tolfvenstam, F. Olfat, K.C. Chin, P. Aw, J. George, V. A. Kuznetsov, M. Schreiber, S.G. Vasudevan & M.L. Hibberd. 2007. Host gene expression profiling of dengue virus infection in cell lines and patients. *Public Library of Science Neglected Tropical Diseases* 1(2), pp. 1-11.

Frans, Evisina Hanafiati. 2015. Patogenesis Infeksi Virus Dengue. *Jurnal Patofisiologi Fakultas Kedokteran Universitas Wijaya Kusuma Surabaya*, pp.1-9

Gillot, C. 2005. *Entomology*. New York: Plenum Press.

Gubler, D.J. 1998. Dengue and dengue hemorrhagic fever. *Clinical Microbiology Reviews* 11(3), pp. 480-498.

Jain, J., Dubey, S.K., & Shrinet, J. 2017. Dengue Chikungunya co-infection: A live-in relationship. *Biochemical and Biophysical Research Communications* 17(3), pp. 1-27

Kendarsari, R.I. 2011. Karakterisasi Pertumbuhan Dan Ekspresi Protein *Non Structural* 1 (NS1) Empat Serotipe Virus Dengue Pada Enam Galur Sel. *Skripsi*. Jakarta : UI Press.

Klenk, H.D. 2012. The dengue virus M protein localises to the endoplasmic reticulum and forms oligomers. *FEBS Letter* 7(586), pp. 1032-1037

Klein, E.D., Choi, J.L. & Harrison, S.C. 2013. Structure of a Dengue Virus Envelope Protein Late-Stage Fusion Intermediate. *Journal of Virology* 87(4), pp. 2287–2293.

Krismawati, H., Kridaningsih, T.N., Raharjo, M., & Natalia, E.I. 2017. Investigasi kejadian luar biasa demam berdarah dengue pertama di Kabupaten Paimana, Provinsi Papua Barat. *Balai Litbang Biomedis Papua* 11(1), pp. 19-26

Kwissa, M., Nakaya, H.I., Onlamoon, N., Wrammert, J., Villinger, F., Perng, G.C., Yoksan, S. & Pattanapanyasat, K. 2014. Dengue Virus Infection Induces Expansion of a $CD14^{+}CD16^{+}$ Monocyte Population that Stimulates Plasmablast Differentiation. *Cell Host & Microbe* 16(1), pp. 115-127

Londhey, V., Sachee Agrawal, Nilima Vaidya, Seema Kini, JS Shastri, Sujatha Sunil. 2016. Dengue and Chikungunya Virus Co-infections: The Inside Story. *Journal of The Association of Physicians of India* (64), pp. 36-40

Malavige G.N., Jeewandara, C., Luckmaal, A., Maryam, S., Laksiri, G., Achala, K., Jayaratne, S.D., & Graham, S.O. 2013. Suppression of Virus Specific Immune Responses by IL-10 in Acute Dengue Infection. PLoS Neglected Tropical Disease 5(4), pp. 75-89

Mathew, A. 2017. Humanized mouse models to study human cellmediated and humoral responses to dengue virus. *Journal of Virology* (25), pp. 76-80.

Mukhopadhyay, S., R.J. Khun & M.G. Rossmann. 2005. A structural perspective of the *Flavivirus* life cycle. *Nature Reviews* 3, pp. 13-22.

Nadugala, M.N., Jeewandara, C., Malavige, G.N., Prasad, H.P., & Goonasekara, C.L. 2017. Natural antibody responses to the capsid protein in sera of Dengue infected patients from Sri Lanka. *PLoS ONE* 12(6), pp. 1-15

Nascimento, E.J., Hottz, E.D., Garcia-Bates, T.M., Bozza, F., Marques, E.T., & Barratt-Boyes, S.M. 2014. Emerging Concepts in Dengue Pathogenesis:

Interplay between Plasmablasts, Platelets, and Complement in Triggering Vasculopathy. *Critical Review in Immunology* 34(3), pp. 227-240

Nopianto, H. 2015. Faktor-faktor yang Berpengaruh Terhadap Lama Rawat Inap pada Pasien Demam Berdarah Dengue di RSUP DR. Kariadi Semarang. *Skripsi.* Semarang : Diponegoro University Press

Numinha, S. N. 2012. Hubungan Jenis Infeksi dengan Derajat Keparahan pada Penderita Infeksi Virus Dengue di Rumah Sakit Kota Bandar Lampung. *Jurnal Jurusan Analis Kesehatan* (1), pp. 1-14

Olson, K.E. & Blair, C.D. Arbovirus–mosquito interactions: RNAi pathway. *Journal of Virology* (15), pp. 119-126

Panbio. 2010. *Manual Book Dengue IgG Capture ELISA for Detection of Secondary Dengue Infection.* Australia : Inverness Medical.

Panbio. 2010. *Manual Book Dengue IgM Capture ELISA.* Australia : Inverness Medical.

Pompon, J., Menchie Manuel, Geok Kee Ng, Benjamin Wong, Chao Shan, Gayathri Manokaran, Ruben Soto-Acosta, Shelton S. Bradrick, Eng Eong Ooi, DorotheÂe MisseÂ, Pei-Yong Shi, & Mariano A. Garcia-Blanco. 2017. Dengue subgenomic flaviviral RNA disrupts immunity in mosquito salivary glands to increase virus transmission. *PLoS Pathog* 13(7), pp. 1-27

Purwaningrum, Y. 2010. Profil Antibodi IgM Dan IgG Pada Beruk (*Macaca Nemestrina*) Setelah Diinfeksi Virus Dengue Serotipe-3 (Den-3) Melalui Rute Subkutan. *Skripsi.* Bogor : IPB Press.

Raphley, R. & Whitehouse, D. 2015. *Molecular Biology and Biotechnology: Edition 6*. USA : Social Society of Chemistry

Rodriguez-Morales AJ, Garcia-Loaiza CJ, Galindo-Marquez ML,Sabogal-Roman JA, Marin-Loaiza S, & Lozada-Riascos CO. 2016. The arboviral burden of disease caused by co-circulation and co-infection of dengue,chikungunya and Zika in the Americas. *Travel Med Infect Dis*, 14(3), pp. 286-288.

Sang, C.T., Cuzzubio, A.J., & Devine, P.L. 2008. Evaluation of a Commercial Capture Enzyme-Linked Immunosorbent Assay for Detection of Immunoglobulin M and G Antibodies Produced during Dengue Infection. *Clinical And Diagnostic Laboratory Immunology* 5(1), pp. 1-7

Shenoy, B. Anupama Menon, Suvarna Biradar. 2014. Diagnostic utility of dengue NS1 antigen. *Pediatric Infectious Disease* (6), pp.110-13

Shu, P.Y & J.H. Huang. 2004. Current advances in dengue diagnosis. *Clinical and Diagnostic Laboratory Immunology* 11(4), pp. 642-650.

Soo, K.M., Khalid, B., Ching, S.M., & Chee, H.Y. 2016. Meta-analysis of dengue severity during infection by different dengue virus serotypes in primary and secondary infections. *PLoS One* 11(5), pp. 1-14

Suhendro, N. L., Chen, K., Pohan, H.T. 2009. *Buku Ajar Ilmu Penyakit Dalam : Demam berdarah dengue, Jilid III, Edisi ke-5*. Jakarta: Interna Publishing, pp. 2773-2785.

Sukesi, T.Y. 2012. Monitoring Populasi Nyamuk *Aedes aegypti* L. Vektor Demam Berdarah Dengue Di Kelurahan Gedongkiwo Kecamatan Mantrijeron Kota Yogyakarta. *Jurnal Kesmas UAD*, 6(1), pp. 13-18

Tang, L.I., Anna, P.K., Rhun, Y.K., Soi, M.C., & Kenny, G.L. 2012. Screening of anti-dengue activity in methanolic extracts of medicinal plants. *BMC Complementary and Alternative Medicine* 12(3), pp. 1-10

Tanra, A.A.M., Nahwa Arkhaesi, Hardian. 2015. Korelasi Antara Lama Demam Dengan Kadar IgM dan IgG Anak Yang Menderita Demam Berdarah Dengue. *MEDIKA TADULAKO, Jurnal Ilmiah Kedokteran*, 2(2), pp. 70-81

Trisnadewi, N.N.L. & Wande, I.N. 2016. Pola serologi IgM dan IgG pada infeksi demam berdarah dengue (DBD) di Rumah Sakit Umum Pusat Sanglah, Denpasar, Bali bulan Agustus sampai September 2014. *E-JURNAL MEDIKA* (5), pp. 1-5

Vasilakis, N. & Tesh, R.B. 2015. Insect-specific viruses and their potential impact on arbovirus transmission. *Journal of Virology* (15), pp. 69-74.

Wilson, W.R., Gary, P.W., & Young, S.K. 2001. Diagnosis and Treatment in Infectious Diseases : Miscellaneous Systemic Viral Syndromes. New York : McGraw-Hill, pp.463-465

World Health Organization (WHO). 2004. *Dengue Diagnostics : Proceedings of an International Workshop.* Jenewa : WHO Press

World Health Organization (WHO). 2014. *A Global Brief on Vector Borne Disease*. Jenewa : WHO Press.

Yam-Puc, J.C., Leticia Cedillo-Barrón, Elsa Maribel Aguilar-Medina3, Rosalío Ramos-Payán, Alejandro Escobar-Gutiérrez and Leopoldo Flores-Romo. 2016. The Cellular Bases of Antibody Responses during Dengue virus infection. *Frontiers in Immunology* 7(218), pp. 1-12.

Vaughn, D.W., S. Green, S. Kalayanarooj, B.L. Innis, S. Nimmannitya, S.Suntayakorn, T. P. Endy, B. Raengsakulrach, A.L. Rothman, F.A. Ennis & A. Nisalak. 2000. Dengue viremia titer, antibody response pattern, and virus serotype correlate with disease severity. *The Journal of Infectious Diseases* 181, pp. 2-9.

Wang, Y.F. 2006. Advanced antibody detection. *Dalam:* Tang, Y.W. & C.W. Stratton (eds.). 2006. *Advanced techniques in diagnostic microbiology*. New York: Springer, pp. 42-62.

Wiryawan, I.G.A. 2017. Efek Ekstrak Bawang Merah (*Allium Ascalonicum* L.) Terhadap Perubahan Suhu Tubuh Pada Tikus Putih (*Rattus Norvegicus*) Yang Mengalami Demam. *Skripsi.* Badung : Udayana Press