

BAB VII

DAFTAR PUSTAKA

Referensi:

1. What is dengue?. World Health Organization. World Health Organization; 2017 [cited 2020Aug27]. Available from: <https://www.who.int/denguecontrol/disease/en/>
2. Lindenbach B. D., Rice M. R. Flaviviridae: the viruses and their replication. In Knipe M. D., Howley M. P. (ed.), Fields virology, 4th ed Lippincott Williams & Wilkins, Philadelphia, PA;2001. 1101–1152 p.
3. Kementerian Kesehatan Republik Indonesia. Kemkes.go.id. Available from: <https://www.kemkes.go.id/article/view/20070900004/hingga-juli-kasus-dbd-di-indonesia-capai-71-ribu.html>
4. Mayadas TN, Cullere X, Lowell CA. The multifaceted functions of neutrophils [Internet]. Annual review of pathology. U.S. National Library of Medicine; 2014 [cited 2020Oct14]. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4277181/#R105>
5. Opasawatchai A, Amornsupawat P, Jiravejchakul N, Chan-In W, Spoerk NJ, Manopwisedjaroen K, et al. Neutrophil activation and early features of NET formation are associated with dengue virus infection in human. *Front Immunol.* 2018;9:3007.
6. Pinegin, B., Vorobjeva, N. & Pinegin, V. Neutrophil extracellular traps and their role in the development of chronic inflammation and autoimmunity. *Autoimmun. Rev.* **14**, 633-640 (2015).
7. Fuchs TA, Abed U, Goosmann C, Hurwitz R, Schulze I, Wahn V, et al. Novel cell death program leads to neutrophil extracellular traps. *J Cell Biol.* 2007;176(2):231–41.
8. Schönrich G, Raftery MJ. Neutrophil extracellular traps go viral. *Front Immunol.* 2016;7:366.

9. Eberl M. Neutrophils [Internet]. British Society for Immunology. [cited 2020Aug28]. Available from: <https://www.immunology.org/public-information/bitesized-immunology/cells/neutrophils>
10. Noubouossie DF, Reeves BN, Strahl BD, Key NS. Neutrophils: back in the thrombosis spotlight. *Blood*. 2019;133(20):2186–97.
11. Kannemeier C, Shibamiya A, Nakazawa F, Trusheim H, Ruppert C, Markart P, et al. Extracellular RNA constitutes a natural procoagulant cofactor in blood coagulation. *Proceedings of the National Academy of Sciences*. 104(15):6388–93
12. Fuchs TA, Bhandari AA, Wagner DD. Histones induce rapid and profound thrombocytopenia in mice. *Blood*. 118(13):3708–3714 (2011). [PMC free article] [PubMed] [Google Scholar]
13. Srikiatkachorn A, Green S. Markers of dengue disease severity. *Curr Top Microbiol Immunol*. 2010;338:67–82.
14. GUIDELINES FOR DIAGNOSIS. New edition. Who.int. Available from: <https://www.who.int/tdr/publications/documents/dengue-diagnosis.pdf>
15. Dengue and severe dengue. Who.int. Available from: <https://www.who.int/news-room/fact-sheets/detail/dengue-and-severe-dengue>
16. Bhatt S, Gething PW, Brady OJ, Messina JP, Farlow AW, Moyes CL, et al. The global distribution and burden of dengue. *Nature*. 2013;496(7446):504–7.
17. Kementerian Kesehatan Republik Indonesia. Kemkes.go.id. Available from: <https://www.kemkes.go.id/article/view/20070900004/hingga-juli-kasus-dbd-di-indonesia-capai-71-ribu.html>
18. Guzman MG, Halstead SB, Artsob H, Buchy P, Farrar J, Gubler DJ, et al. Dengue: a continuing global threat. *Nat Rev Microbiol*. 2010;8(12 Suppl):S7-16.
19. Tjaden NB, Thomas SM, Fischer D, Beierkuhnlein C. Extrinsic incubation period of dengue: Knowledge, backlog, and applications of temperature dependence. *PLoS Negl Trop Dis*. 2013;7(6):e2207.

20. Duong V, Lambrechts L, Paul RE, Ly S, Lay RS, Long KC, et al. Asymptomatic humans transmit dengue virus to mosquitoes. *Proc Natl Acad Sci U S A*. 2015;112(47):14688–93.
21. Nguyet MN, Duong THK, Trung VT, Nguyen THQ, Tran CNB, Long VT, et al. Host and viral features of human dengue cases shape the population of infected and infectious *Aedes aegypti* mosquitoes. *Proc Natl Acad Sci U S A*. 2013;110(22):9072–7.
22. Pouliot SH, Xiong X, Harville E, Paz-Soldan V, Tomashek KM, Breart G, et al. Maternal dengue and pregnancy outcomes: a systematic review. *Obstet Gynecol Surv*. 2010;65(2):107–18.
23. Lee HL, Rohani A. Transovarial Transmission of Dengue Virus in *Aedes aegypti* and *Aedes albopictus* in Relation to Dengue Outbreak in an Urban Area in Malaysia [Internet]. *Who.int*. 2005 [cited 2020 Nov 16]. Available from: <https://apps.who.int/iris/bitstream/handle/10665/164121/dbv29p106.pdf?sequence=1&isAllowed=y>
24. World, Health Organization. *Dengue: Guidelines for diagnosis treatment prevention and control*. World Health Organization; 2009.
25. de Macedo FC, Nicol AF, Cooper LD, Yearsley M, Pires AR, Nuovo GJ. Histologic, viral, and molecular correlates of dengue fever infection of the liver using highly sensitive immunohistochemistry. *Diagn Mol Pathol*. 2006 Dec. 15(4):223-8.
26. Nature Publishing Group Mukhopadhyay, S., Kuhn, R. J., & Rossmann M. G. A structural perspective of the flavivirus life cycle. *Nature Reviews Microbiology* 3, 13–22 (2005). doi:10.1038/nrmicro1067
27. Dengue Diagnosis. *Cdc.gov*. 2019. Available from: <https://www.cdc.gov/dengue/healthcare-providers/diagnosis.html>
28. Görgens, A., Radtke, S., Möllmann, M., Cross, M., Dürig, J., Horn, P. A., et al. (2013). Revision of the human hematopoietic tree: granulocyte subtypes derive from distinct hematopoietic lineages. *Cell Rep*. 3, 1539–1552. doi: 10.1016/j.celrep.2013.04.025

29. von Vietinghoff, S., and Ley, K. (2008). Homeostatic regulation of blood neutrophil counts. *J. Immunol.* 181, 5183–5188. doi: 10.4049/jimmunol.181.8.5183
30. Hajishengallis, G., and Chavakis, T. (2013). Endogenous modulators of inflammatory cell recruitment. *Trends Immunol.* 34, 1–6. doi: 10.1016/j.it.2012.08.003
31. Kolaczkowska, E., and Kubes, P. (2013). Neutrophil recruitment and function in health and inflammation. *Nat. Rev. Immunol.* 13, 159–175. doi: 10.1038/nri3399
32. Martin, C., Burdon, P. C., Bridger, G., Gutierrez-Ramos, J. C., Williams, T. J., and Rankin, S. M. (2003). Chemokines acting via CXCR2 and CXCR4 control the release of neutrophils from the bone marrow and their return following senescence. *Immunity* 19, 583–593. doi: 10.1016/S1074-7613(03)00263-2
33. Stark, M. A., Huo, Y., Burcin, T. L., Morris, M. A., Olson, T. S., and Ley, K. (2005). Phagocytosis of apoptotic neutrophils regulates granulopoiesis via IL-23 and IL-17. *Immunity* 22, 285–294. doi: 10.1016/j.immuni.2005.01.011
34. Lambeth J. D. (2004). NOX enzymes and the biology of reactive oxygen. *Nat. Rev. Immunol.* 4, 181–189. 10.1038/nri1312 [[PubMed](#)] [[CrossRef](#)] [[Google Scholar](#)]
35. Brinkmann V., Laube B., Abu Abed U., Goosmann C., Zychlinsky A. (2010). Neutrophil extracellular traps: how to generate and visualize them. *J. Vis. Exp.* e1724. 10.3791/1724 [[PMC free article](#)] [[PubMed](#)] [[CrossRef](#)] [[Google Scholar](#)]
36. Fuchs TA, Abed U, Goosmann C, Hurwitz R, Schulze I, Wahn V, et al. Novel cell death program leads to neutrophil extracellular traps. *J Cell Biol.* 2007;176(2):231–41.
37. Metzler, K. D., Goosmann, C., Lubojemska, A., Zychlinsky, A. & Papapayannopoulos, V. A myeloperoxidase-containing complex regulates neutrophil elastase release and actin dynamics during NETosis. *Cell Rep.* 8, 883-896 (2014).

38. Papayannopoulos V., Metzler K. D., Hakkim A., Zychlinsky A. (2010). Neutrophil elastase and myeloperoxidase regulate the formation of neutrophil extracellular traps. *J. Cell Biol.* 191 677–691 [[PMC free article](#)] [[PubMed](#)] [[Google Scholar](#)]
39. Yoon J, Terada A, Kita H. CD66b regulates adhesion and activation of human eosinophils. *J Immunol.* (2007) 179:8454–62. doi: 10.4049/jimmunol.179.12.8454 [[PubMed](#)] [[Google Scholar](#)]
40. Rouvinski A, Guardado-Calvo P, Barba-Spaeth G, Duquerroy S, Vaney MC, Kikuti CM, et al. Recognition determinants of broadly neutralizing human antibodies against dengue viruses. *Nature* (2015) 520:109–13. doi: 10.1038/nature14130 [[PubMed](#)] [[Google Scholar](#)]
41. Winterbourn CC, Kettle AJ. Redox reactions and microbial killing in the neutrophil phagosome. *Antioxid Redox Signal.* 2013;18(6):642–60.
42. Parker H, Winterbourn CC. Reactive oxidants and myeloperoxidase and their involvement in neutrophil extracellular traps. *Front Immunol.* 2012;3:424.
43. Rohrbach AS, Slade DJ, Thompson PR, Mowen KA. Activation of PAD4 in NET formation. *Front Immunol.* 2012;3:360.
44. Stephens HAF. HLA and other gene associations with dengue disease severity. *Curr Top Microbiol Immunol.* 2010;338:99–114.
45. Dengue Viruses. Nature.com. Available from: <https://www.nature.com/scitable/topicpage/dengue-viruses-22400925/>
46. Dengue virus replication. Nature.com. Available from: <https://www.nature.com/scitable/content/dengue-virus-replication-22401525/>
47. Researchgate.net. Available from: https://www.researchgate.net/figure/Mechanisms-used-by-neutrophils-to-control-infection-Phagocytosis-is-a-primary-mechanism_fig1_279186502
48. Kaplan MJ, Radic M. Neutrophil extracellular traps: double-edged swords of innate immunity. *J Immunol.* 2012;189(6):2689–95.
49. Tantawichien T. Dengue fever and dengue haemorrhagic fever in adolescents and adults. *Paediatr Int Child Health.* 2012;32 Suppl 1:22–7.

50. Chareonsook O, Foy HM, Teeraratkul A, Silarug N. Changing epidemiology of dengue hemorrhagic fever in Thailand. *Epidemiol Infect.* 1999;122:161–6.
51. Lee IK, Liu JW, Yang KD. Clinical characteristics and risk factors for concurrent bacteremia in adults with dengue hemorrhagic fever. *Am J Trop Med Hyg.* 2005;72:221–6. [[PubMed](#)] [[Google Scholar](#)]
52. Rigau-Perez JG, Laufer MK. Dengue-related deaths in Puerto Rico, 1992–1996: diagnosis and clinical alarm signals. *Clin Infect Dis.* 2006;42:1241–6. [[PubMed](#)] [[Google Scholar](#)]
53. Vicente CR, Cerutti Junior C, Fröschl G, Romano CM, Cabidelle ASA, Herbing K-H. Influence of demographics on clinical outcome of dengue: a cross-sectional study of 6703 confirmed cases in Vitória, Espírito Santo State, Brazil. *Epidemiol Infect.* 2017;145(1):46–53.
54. Guha-Sapir, D, Schimmer, B. Dengue fever: new paradigms for a changing epidemiology. *Emerging Themes in Epidemiology* 2005; 2: 1.[CrossRef](#)[Google Scholar](#)
55. Clinical management and delivery of clinical services. Genève, Switzerland: World Health Organization; 2009.
56. Rothman AL. Immunity to dengue virus: a tale of original antigenic sin and tropical cytokine storms. *Nat Rev Immunol.* 2011;11:532–43. [[PubMed](#)] [[Google Scholar](#)]
57. Shrivastava G, Valenzuela Leon PC, Calvo E. Inflammasome fuels dengue severity. *Front Cell Infect Microbiol.* (2020) 10:489. 10.3389/fcimb.2020.00489 [[PMC free article](#)] [[PubMed](#)] [[CrossRef](#)] [[Google Scholar](#)]
58. Papayannopoulos V. Neutrophil extracellular traps in immunity and disease. *Nat Rev Immunol.* (2018) 18:134–47. 10.1038/nri.2017.105 [[PubMed](#)] [[CrossRef](#)] [[Google Scholar](#)]
59. Opasawatchai A, Amornsupawat P, Jiravejchakul N, Chan-In W, Spoerk NJ, Manopwisedjaroen K, et al. Neutrophil activation and early features of

NET formation are associated with dengue virus infection in human. *Front Immunol.* 2018;9:3007.

60. Meegan JE, Yang X, Beard RS, Jr., Jannaway M, Chatterjee V, Taylor-Clark TE, et al. . Citrullinated histone 3 causes endothelial barrier dysfunction. *Biochem Biophys Res Commun.* (2018) 503:1498–502. 10.1016/j.bbrc.2018.07.069 [[PMC free article](#)] [[PubMed](#)] [[CrossRef](#)] [[Google Scholar](#)]
61. Hermant B, Bibert S, Concord E, Dublet B, Weidenhaupt M, Vernet T, et al. . Identification of proteases involved in the proteolysis of vascular endothelium cadherin during neutrophil transmigration. *J Biol Chem.* (2003) 278:14002–12. 10.1074/jbc.M300351200 [[PubMed](#)] [[CrossRef](#)] [[Google Scholar](#)]

