UNIVERSITAS
GADJAH MADA
**KADAR INTERLEUKIN-10 (IL-10) PADA INFEKSI DENGUE AKUT**
SALMAWATI, Dr. dr. Umi S Intansari, M.Kes., Sp.PK(K).; Dr. dr. Teguh Triyono, M.Kes., Sp.PK (K)
**Universitas Gadjah Mada, 2017 | Diunduh dari http://etd.repository.ugm.ac.id/**

# DAFTAR PUSTAKA

Abhishek, K.S., Anita, C., Baveja, Naresh, K., Oves, S., and Kumar Suman, 2017. Association of interleukin-2, -4 and -10 with dengue severit. *Indian Journal of Pathology and microbiology*, 60 (january), 66–69.

Adikari, T.N., Gomes, L., Wickramasinghe, N., Salimi, M., Wijesiriwardana, N., Kamaladasa, A., Shyamali, N.L.A., Ogg, G.S., and Malavige, G.N., 2016. Dengue NS1 antigen contributes to disease severity by inducing interleukin (IL)-10 by monocytes. *Clinical and Experimental Immunology*, 184 (1), 90–100.

Alagarasu, K., Bachal, R.V., Tillu, H., Mulay, A.P., Kakade, M.B., Shah, P.S., and Cecilia, D., 2015. Association of combinations of interleukin-10 and pro-inflammatory cytokine gene polymorphisms with dengue hemorrhagic fever. *Cytokine*, 74 (1), 130–136.

Allan R, Brasier, Ju, H., Garcia, J., Spratt, H.M., Victor, S.S., Forshey, B.M., Halsey, E.S., Comach, G., Sierra, G., Blair, P.J., Rocha, C., Morrison, A.C., Scott, T.W., Bazan, I., Kochel, T.J., Villalobos, I., and Espino, C., 2012. A three-component biomarker panel for prediction of dengue hemorrhagic fever. *American Journal of Tropical Medicine and Hygiene*, 86 (2), 341–348.

Anderson, R., Wang, S., Osiowy, C., and Issekutz, A.C., 1997. Activation of endothelial cells via antibody-enhanced dengue virus infection of peripheral blood monocytes. *J Virol*, 71 (6), 4226–4232.

Behura SK and Severson, 2013. Nucleotide substitutions in dengue virus serotypes from Asian and American countries. *BMC Microbiology.*, 13(37), 1–11.

Candra, A., 2010. Demam Berdarah Dengue : Epidemiologi , Patogenesis , dan Faktor Risiko Penularan Dengue Hemorrhagic Fever : Epidemiology , Pathogenesis , and Its Transmission Risk Factors. *Aspirator*, 2 (2), 110–119.

Carey, R.N., Paul, D., Pierson-Perry, James, F., Walter, W.H., and Al, E., 2014. *EP15-A3 User Verification of Precision and Estimation of Bias; Approved Guideline—Clinical and Laboratory Standards Institute,Third Edition*. Third Edit. Pennsylvania: Clinical and Laboratory Standards Institute.

CDC, 2012. Dengue and Dengue fever. Atlanta : Center Of Disease Control and Prevention.

Chaturvedi, U.C., 2009. Shift to Th2 cytokine response in dengue haemorrhagic fever. *The Indian journal of medical research*, 129 (January), 1–3.

Chaturvedi, U.C., Agarwal, R., Elbishbishi, E.A., and Mustafa, A.S., 2000. Cytokine cascade in dengue hemorrhagic fever:\rimplications for pathogenesis. *FEMS Immunol Med Microbiol*, 28, 183–188.

Chuansumrit Ampaiwan and Tangnararatchakit Kanchana, 2006. Pathophysiology and management of dengue hemorrhagic fever. *Transfusion Alternatives in Transfusion Medicine*, 8 (suppl 1), 3–11.

Costa, V.V., Fagundes, C.T., Souza, D.G., and Teixeira, M.M., 2013. Inflammatory and innate immune responses in dengue infection: Protection versus disease induction. *American Journal of Pathology*, 182 (6), 1950–1961.

Gissel, G., Sierra, B., Alvarez, M., Susana, V., Perez, A.B., and Denny, T., 2004.

UNIVERSITAS
GADJAH MADA
**KADAR INTERLEUKIN-10 (IL-10) PADA INFEKSI DENGUE AKUT**
SALMAWATI, Dr. dr. Umi S Intansari, M.Kes., Sp.PK(K).; Dr. dr. Teguh Triyono, M.Kes., Sp.PK (K)
**Universitas Gadjah Mada, 2017 | Diunduh dari http://etd.repository.ugm.ac.id/**


IL-10 Levels in Dengue Patients : Some Findings From the Exceptional Epidemiological Conditions in Cuba. *Journal of medical Virology*, 234 (February), 230–234.

Green, S. and Rothman, A., 2006. Immunopathological mechanisms in dengue and dengue hemorrhagic fever. *Current opinion in infectious diseases*, 19 (5), 429–36.

Guzman, M.G., Halstead, S.B., Artsob, H., Buchy, P., Farrar, J., Gubler, D.J., Hunsperger, E., Kroeger, A., Margolis, H.S., Martínez, E., Nathan, M.B., Pelegrino, J.L., Simmons, C., Yoksan, S., and Peeling, R.W., 2010. Dengue: a continuing global threat. *Nature Reviews Microbiology*, 8 (12), S7–S16.

Halstead, B., S., Heinz, F.X., Barrett, A.D.T., and Roehrig, J.T., 2005. Dengue virus: Molecular basis of cell entry and pathogenesis, 25-27 June 2003, Vienna, Austria. *Vaccine*, 23 (7), 849–856.

Hamid, 2007. Ekspresi Interleukin 10 pada infeksi dengue. Universitas Andalas.

Hannemann, H., Sung, P.-Y., Chiu, H.-C., Amjad, Y., Bird Jim, and Pheng, S., 2013. Serotype specific differences in dengue virus non-structural protein 5 nuclear. *JBC*, M113(48138, 1–27.

Harikushartono, Hidayah, N., Darmowandowo, W., and Soegijanto, S.,. *Demam Berdarah Dengue: Diagnosis dan Penatalaksanaan*. Ilmu Penyakit Anak, Salemba Medika, Jakarta. 2010..

Hottz, E.D., Medeiros-de-Moraes, I.M., Vieira-de-Abreu, A., de Assis, E.F., Vals-de-Souza, R., Castro-Faria-Neto, H.C., Weyrich, A.S., Zimmerman, G.A., Bozza, F.A., and Bozza, P.T., 2014. Platelet activation and apoptosis modulate monocyte inflammatory responses in dengue. *Journal of immunology (Baltimore, Md. : 1950)*, 193 (4), 1864–72.

Hung, N.T., Lei, H., Lan, N.T., Lin, Y., Huang, K., Lien, L.B., Lin, C., Yeh, T., Ha, D.Q., Huong, V.T.Q., Chen, L., Huang, J., My, L.T., Liu, C., and Halstead, S.B., 2004. Dengue Hemorrhagic Fever in Infants: A Study of Clinical and Cytokine Profiles. *The Journal of Infectious Diseases*, 189 (2), 221–232.

Jing, Y., Zhu, B., Fu, Z.F., Chen, H., and Cao, S., 2013. Immune evasion strategies of flaviviruses. *Vaccine*, 31 (3), 461–471.

Kementerian Kesehatan RI, 2016. *Pusat Data dan Informasi Kementerian Kesehatan RI*. Jakarta.

Livina, A., Rotty, L.W.A., and Panda, A.L., 2014. Hubungan Trombositopenia dan Hematokrit dengan Manifestasi Perdarahan pada Penderita Demam Dengue dan Demam Berdarah Dengue. *SMF Ilmu Penyakit Dalam fakultas Kedokteran Unstrat*.

Malavige, G.N., Gomes, L., Alles, L., Chang, T., Salimi, M., Fernando, S., Nanayakkara, K.D., Jayaratne, S., and Ogg, G.S., 2013. Serum IL-10 as a marker of severe dengue infection. *BMC infectious diseases*, 13 (1), 341.

Malavige and Fernando, 2012. Pathogenesis of severe dengue infection. *The Ceylon medical journal*, 57 (3), 97–100.

Martina, Byron, E.E., Penelope, K., Osterhaus, and Albert, D.M., 2009. Dengue virus pathogenesis: An integrated view. *Clinical Microbiology Reviews*, 22 (4), 564–581.

Michael, B., Deen, J., Buchy, P., Gubler, D., Harris, E., and Hombach, J., 2009.

UNIVERSITAS
GADJAH MADA
**KADAR INTERLEUKIN-10 (IL-10) PADA INFEKSI DENGUE AKUT**
SALMAWATI, Dr. dr. Umi S Intansari, M.Kes., Sp.PK(K).; Dr. dr. Teguh Triyono, M.Kes., Sp.PK (K)
**Universitas Gadjah Mada, 2017 | Diunduh dari http://etd.repository.ugm.ac.id/**


*World Health Organization dengue guidelines for diagnosis, treatment, prevention, and control new edition*. Switzerland: WHO press. 2009.

Navarro-Sanchez, E., Despres, P., and Cedillo-Barron, L., 2005. Innate immune responses to dengue virus. *Arch Med Res*, 36 (5), 425–435.

Nielsen, D.G., 2009. The relationship of interacting immunological components in dengue pathogenesis. *Virology journal*, 6 (1), 211.

Noisakran and Peng, 2009. Alternate Hypothesis on the Pathogenesis of Dengue Hemorrhagic Fever / Dengue Shock Syndrome in Dengue Virus Infection. *Experimental biology and medicine*, (233), 401–8.

Palmer, D.R., Sun, P., Celluzzi, C., Pang, S., Sun, W., Marovich, M. a, Burgess, T., and Bisbing, J., 2005. Differential Effects of Dengue Virus on Infected and Bystander Dendritic Cells. *The journal of virology*, 79 (4), 2432–2439.

Pang, T., Cardosa, M., and Guzman, M., 2007. Of Cascades and Perfect Storms: The Immunopathogenesis of Dengue Hemorrahagic fever-Dengue Shock Syndrome (DHF/DSS). *Immunology and Cell Biology*, 85, 43–45.

Patandianan, R., Mantik, M.F.J., Manoppo, F., and Mongan, A.E., 2013. Hubungan kadar hemoglobin dengan jumlah trombosit pada pasien demam berdarah dengue. *Jurnal E-Biomedik*, 1 (2), 868–872.

Peeling, Rosanna, W., Harvey, A., Pelegrino, Luis, Jose, Buchy, P., Cardosa, J., M., Shamala, D., Enria, A.Delia, Farrar, J., Gubler, J., D., Guzman, Maria G., Halstead, B., S., Hunsperger, Kliks, E., Margolis, S., S., H., Nathanson, M., C., Vinh, N.C., Nidia, R., Susana, V., and Sutee, Y., 2010. Evaluation of diagnostic tests: dengue. *Nature Reviews Microbiology*, 8 (12), S30–S37.

Priyadarshini, D., Gadia, R.R., Tripathy, A., Gurukumar, K.R., and Bhagat, A., 2010. Clinical Findings and Pro-Inflammatory Cytokines in Dengue Patients in Western India : A Facility-Based Study, 5 (1).

Rathakrishnan, A., Wang, S.M., Hu, Y., Khan, A.M., Ponnampalavanar, S., Lum, L.C.S., Manikam, R., and Sekaran, S.D., 2012. Cytokine Expression Profile of Dengue Patients at Different Phases of Illness. *PLoS ONE*, 7 (12), 1–10.

Rico, R. and hesse, 2008. Microevolution and Virulence of Dengue Viruses. *NIH Public Access*, 144 (5), 724–732.

Romero-Vega, L., PachecoI, O., de la Hoz-Restrepo, F., and Díaz-Quijano, F.A., 2014. Evaluation of dengue fever reports during an epidemic, Colombia. *Revista de Saude Publica*, 48 (6), 899–905.

Sastroasmoro, S. and Isamel, S., 2014. *Dasar dasar Metodologi Penelitian klinis*. 5th ed. Jakarta: Sagung seto.

Soegijanto, S., 2002. Patogenesa dan Perubahan Patofisiologi Infeksi Virus Dengue. *pediatric buletin*.

Sudoyono, A., Setiyohadi, B., Alwi, I., Simadibrata, K., and Setiati, S., 2009. *Demam Berdarah In: Ilmu Penyakit Dalam*. 5th ed. Jakarta: Interna Publishing.

Suhendro, Nainggolan, L., Chen, K., T., H., and Pohan, 2006. *Demam Berdarah Dengue Buku Ajar Ilmu Penyakit Dalam*. Jilid III. Jakarta: Pusat Penerbitan Departemen Ilmu Penyakit Dalam Fakultas Kedokteran Universitas Indonesia.

Tauseef, A., Umar, N., Sabir, S., Akmal, A., Sajjad, S., and Zulfiqar, S., 2016.

UNIVERSITAS
GADJAH MADA
**KADAR INTERLEUKIN-10 (IL-10) PADA INFEKSI DENGUE AKUT**
SALMAWATI, Dr. dr. Umi S Intansari, M.Kes., Sp.PK(K).; Dr. dr. Teguh Triyono, M.Kes., Sp.PK (K)
**Universitas Gadjah Mada, 2017 | Diunduh dari http://etd.repository.ugm.ac.id/**


Interleukin-10 as a Marker of Disease Progression in Dengue Hemorrhagic Fever. *Journal of the College of Physicians and Surgeons Pakistan*, 26 (3), 187–190.

Tsai, T.-T., Chuang, Y.-J., Lin, Y.-S., Wan, S.-W., Chen, C.-L., and Lin, C.-F., 2013. An emerging role for the anti-inflammatory cytokine interleukin-10 in dengue virus infection. *Journal of biomedical science*, 20 (1), 40.

Tsai, T.T., Chuang, Y.J., Lin, Y.S., Chang, C.P., Wan, S.W., Lin, S.H., Chen, C.L., and Lin, C.F., 2014. Antibody-Dependent Enhancement Infection Facilitates Dengue Virus-Regulated Signaling of IL-10 Production in Monocytes. *PLoS Neglected Tropical Diseases*, 8 (11).

Usman, M.R., 2015. Hubungan Kadar Interleukin-10 dengan Derajat Keparahan Pada Demam Berdarah Dengue. *Universitas Udayana denpasar*.

Vaughn, D., Green, S., Kalayanarooj, S., B Innis, Nimmanniya, S., and Suntayakorn, S., 2000. Dengue Viremia Titer, Antibody Response Pattern and Virus Serotype Correlate with Disease Severity. *The Journal of Infectious Diseases*, 181 (1), 2–9.

Van Der Vlugt, L.E.P.M., Zinsou, J.F., Ozir-Fazalalikhan, A., Kremsner, P.G., Yazdanbakhsh, M., Adegnika, A.A., and Smits, H.H., 2014. Interleukin 10 (IL-10)-producing $CD1d^{hi}$ regulatory B cells from Schistosoma haematobium-infected individuals induce IL-10-positive T cells and suppress effector T-cell cytokines. *Journal of Infectious Diseases*, 210 (8), S1207–1216.

Wagenaar, J., Mairuhu, A., and Gorp, V., 2004. Genetic Influences on Dengue Virus Infections. *Dengue Bulletin*, 28, 126–34.

Wen, W.S., Feng, L.C., Ming, Y.T., Chuan, L.C., Sheng, L.H., Wang, S., Ling, P., Anderson, R., Lei Huan Yao, and Lin Yee Shin, 2013. Autoimmunity in dengue pathogenesis. *Journal of the Formosan Medical Association*, 112 (1), 3–11.

Whitehead, S., Blaney, J., Durbin, A., and Murphy, B., 2007. Prospects for a dengue virus vaccine. *Nat Rev Microbiol.*, 5(7), 518–528.

WHO, 2011. *Comprehensive Guidelines for Prevention and Control of Dengue and Dengue Hemorrhagic Fever.* India: World Health Organization-South East Asia Regional Office.

WHO, 2012. *Global Strategy for dengue prevention and control*, 2012–2020. World Health Organization,. Geneva, Switzerland*, 2012.*

WHO, 2016. *Dengue and severe dengue*. World Health Organization Geneva, Switzerland*, 2016*, (40), 461–468.

Yao-Lei, Trai-Ming, Hsiao-Sheng, and Ching-Chuan, 2008. Immunopathogenesis of Dengue Hemorrhagic Fever. *American Journal of Infectious Diseases*, 4 (1), 1–9.

Zareen, F., Muhammad, I., A Bajwa Mohammad, Zarfishan, T., Obaid, U., Q Zia Muhammad, Abrar, H., and Madiha, A., 2011. Serotype and genotype analysis of dengue virus by sequencing followed by phylogenetic analysis using samples from three mini outbreaks-2007-2009 in Pakistan. *BMC Microbiology*, 11 (1), 200.