

DAFTAR PUSTAKA

Ahn, SH, Yuen L, Han KH, Littlejohn M, Chang HY, Damerow H, *et al.* 2010. Molecular and clinical characteristics of hepatitis B virus in Korea. *J.Med.Virology*.82:1126-1134.

Anderson M, Low N, Irish CJ, Hickman M, Myers R, Teo CG *et al.* Molecular epidemiology of a large community-based outbreak of hepatitis B in Bristol, UK. *Clinical Infectious Diseases* 53(2),125-9

Aspinall EJ, Hawkins G, Fraser A, Hutchison SJ, Goldberg D, 2011. Hepatitis B prevention, diagnosis, treatment and care: a review. *Occupational medicine* 61;531-540

Badrawy H, Bakry R, 2012. Anti HBC and HBV-DNA detection in blood donors negative for hepatitis B virus surface antigen. *AJMB* 3;62-65

Brechot C, Degos F, Lugassy C, Thiers V, Zafrani S, Franco D, 1985. Hepatitis B virus DNA in Patients with chronic liver disease and negative test for hepatitis B surface antigen. *N Engl J Med* 31;312(5):270-6

Brunelle MN, Saboulard D, Massinet H, Lamant C, Brezillon N *et al.* 2010. Inhibition of hepatitis B virus DNA replication by a thermostable interferon- γ variant. *Antiviral Therapy*. 15(6): 861-9

Chen C, Yang H, Iloeje UH, 2009. Hepatitis B virus DNA levels and outcomes in chronic hepatitis B. *Hepatology*. Vol 49.issue supplement S5; S72-S84

Elgouhari HM, Tamimi TIAR, Carey WD, 2008. Hepatitis b virus infection: understanding its epidemiology, course, and diagnosis. Review. *Cleveland clinic journal of medicine*. Vol 75. No.12.881-889

Firnhaber C, Viana R, Reyneke A, Schultze D, Malope B, MaskewM, *et al.* 2009. Occult hepatitis B virus infection in patients with isolated core antibody and HIV co-infection in an urban clinic in Johannesburg, south Africa. International Journal of infectious disease (2009) 13, 488-492

Ghany M, Perillo R, Li R, Belle SH, Janssen HLA, Terrault NA, 2014. Characteristics of adult in the hepatitis B research network in North America reflect their country of origin and HBV genotype. Clinical gastroenterology and hepatology. DOI: [http://www.cghjournal.org/article/S1542-3565\(14\)00976-8/pdf](http://www.cghjournal.org/article/S1542-3565(14)00976-8/pdf). accelerated juli 2014.



Hadi S, 2002. Gastroentegorogi. Penerbit Alumni. Edisi ke-2. Bandung; 487-516

Hamdani , Ham MF, Siregar NC, 2012. Patologi Molekuler. Badan Penerbit Fakultas Kedokteran Universitas Indonesia. Jakarta: 231-237

Hussain S, Jhaj R, Ahsan S, Ahsan M, Bloom RE, Jafri SM, 2014. Bortezomib induced hepatitis B reactivation. Case report in medicine. Vol 2014, article ID 964082;5

Ismail AM, Puhanthi KS, Sivakumar J, Eapen CE, Kannangai R, Abraham P, 2013. Molecular epidemiology and genetic characterization of hepatitis B virus in the Indian subcontinent. International Journal of Infection disease. Vol 20;1-10

Jinata C, Rahman EAG, Retnoningrum, 2012. Molecular analysis of immune escape mutants of hepatitis B Virus from local clinical samples. Microbiology, Vol.6 No.1.2012, p9-14

Jamsari, 2013. Rekayasa Genetik Untuk analisis genom dan produksi organisme transgenik. UR Press. Pekanbaru: 144-158

Judarwanto W, 2010. Mekanisme pertahanan tubuh terhadap virus. Childrens allergy center. <http://childrenallergyclinic.wordpress.com/2010/10/17/> accelerated 4 Juli 2014

Kao JH, Chen PJ, Lai MY, Chen DS, 2002. Occult hepatitis B virus infection and clinical outcomes of patients with chronic hepatitis C. Journal of Clinical Microbiology, 2002, p.4068-4071

Kay A, Zoulin F, 2007. Hepatitis B virus genetic variability and evolution. Science Direct Virus. 127(2007) 164-176

Kew MC, 2011. Hepatitis B virus x protein in the pathogenesis of hepatitis B virus induced hepatocellular carcinoma. Journal of Gastroenterology and Hepatology. Vol 26 issue s1; 144-152

Kew MC, 2011. Epidemiology of chronic hepatitis B virus infection, hepatocellular carcinoma, and hepatitis B virus induced hepatocellular carcinoma. Pathologic biology. Vol 58, issue 4:273-277

Khanizadeh S, 2012. Polymorphisms within the promoter region of the gamma interferon (IFN- γ) receptor 1 gene are associated with the susceptibility to chronic HBV infection in Iranian population. Hepatitis Monthly. 12(11):e7283

Korachi M, Ceran N, Adaleti R, Nigdelioglu A, Sokmen M, 2013. An association study of polymorphic genes *IRF-1*, *IFN- γ -R*, and *IFN- γ* with disease progression, aspartate aminotransferase, alanine aminotransferase, and viral load in chronic hepatitis B and C. International Journal of Infectious Disease, Vol 17, issue 1:e44-e49

Kresno SB, 2003. Immunologi: diagnosis dan prosedur laboratorium. Edisi 4. Balai penerbit FKUI. Jakarta: 178

Kuhns MC, Kleinman SH, McNamara AL, Rawal B, Glynn S, Busch MP, 2004. Lack of correlation between HBsAg and HBV DNA levels in blood donors who test positive for HBsAg and Anti=HBc:Implications for future HBV screening policy. Transfusion 44(9):1332-9

Kukka CM, 2010. What is HBV DNA and how is it measured?. Hepatitis B fact sheet.version 2.0

Kurdi M, 2014. Molecular detection of hepatitis B virus (HBV) among voluntary ELISA positive blood donors in Almadinah Almunawwarah. Journal of Taibah University Medical Sciences. Vol 9, Issue 2:16-70

Lau JY, Bain VG, Naoumov NV, Smith HM, Alexander GJ, Williams R, 1991. Effect of interferon gamma on hepatitis B viral antigen expression in primary hepatocyte culture. Hepatology 14(6):975-9

Liaw YF, Chu CM, 2009. Hepatitis B Infection. Lancet 2009.373.p582-92

Lee GH, Wasser S, Lim SG, 2008. Hepatitis B pregenomic RNA splicing the predict the regulatory mechanisms and its biological significance. Virus research.136 (2008)1-7

Lee WM, 2008. Hepatitis B virus infection. Review articles. Medical progress. Vol 34, 1733-1745

Liu WH, Yeh SH, Chen PJ, 2011. Role of microRNAs In hepatitis B virus replication and pathogenesis. Review. Biochimica et Biophysica Acta 1809 (2011) 678-685

Liu Y, LI P, Li C, Zhou J, Wu C, Zhou YH, 2010. Detection of hepatitis B virus among accepted blood donors in Nanjing, China. Journal Virology 7:193

Lusida MI, Hugrahapitra VE, Soetjipto, Handajani R, Fujii M, Sasayama M, et al. 2008. Novel subgenotype of hepatitis B Virus Genotype C and D in Papua, Indonesia. Journal of Clinical Microbiology, p 2160-2166

Mahtab MA, Akbar SMF, Rahman S, 2012. Hepatitis B surface antigen negative, but HBV DNA positive patients in Bangladesh. Bangladesh Med Res Counc Bull 38:104-107

Min LM, DanNi H, QinAi Z, SuiLan Z, 2011. Prediction of HBV DNA level by co detection of serum preS1 and HBeAg in chronic HBV-carriers. Journal6. Vol 32.issued(6):637-640

Mora MVA, Santana RAF, Sitnik R, Ferreira PRA, Manguiera CLP, Carrilho FJ, 2011. Full-length genomic sequence of hepatitis B virus genotype C2 isolated from a native Brazilian patient. Mem.Inst.Oswaldo Cruz Vol.106 Rio de Janeiro:June 2011

Mukherjee RM, Reddy PB, Arava, Rao PN, Mitnala S, Gupta R, et al. 2010. Relationship between serum HBsAg level, HBV DNA Level, and peripheralimmune cells in patienes with chronic hepatitis B virus infection. Hepatic medicineVol 2010:2; 157-162

Muljono DH, 2007. Biomolekuler Virus Hepatitis B. Dalam: Buku Ajar Imu Penyakit Hati. Edisi1; FKUI: Jayabadi: 237-248

Mulyanto, Depamede SN, Surayah K, Tsuda f, Ichiyama K, Takahashi M, 2009. A nationwide molecular epidemiological study on hepatitis B virus in Indonesia: Identification of two novel subgenotypes, B8 and C7. Arch viral DOI 10.1007/

Nie H, et al. 2012. Direct quantitative of mutant HBV DNAs.

Nurtjahyani SD, Handajani R, 2013. Detection of Hepatitis B virus (HBV) DNA among blood donors with HBsAg positife in Tuban district based nested Polymerase chain reaction

reaction technique (nested PCR). Jornal of Biology, agricultural and healthcare. Vol 3.No11s

Oakes K. Hepatitis B: Prevalence and pathophysiology. A review. Nursing time 12. Vol 110 (7)

Oon CJ, Chen WN, Goh KT, Mesenas S, Ng HS, Chiang G, Tan C, Koh S, Teng SW, Toh I, Moh MC, Goo KS, Tan K, Leong AL, Tan GS, 2002. Molecular characterization of hepatitis B virus surface antigen mutants in Singapore patients with hepatocellular carcinoma and hepatitis B virus carriers negative for HBsAg but positive for anti-HBs and anti-HBc. Journal of Gastroenterology and Hepatology. 17 Suppl: S491-6.

Paganelli M, Stephenne X, Sokal EM, 2012. Chronic Hepatitis b In Children and adolescents. Journal of hepatology. Vol 57;885-896

Pourkarim NR, Verbeeck J, Rahman M, Olyae AB, Forier AM, Lemey P *et al.* 2009. Phylogenetic analysis of hepatitis B virus full-length genomes reveals evidence for a large nosocomial uotbreak in Belgium. J Clin Virol 46(1) 61-8

Pradata, Rana, 2005. Insiden Virus hepatitis B ada [ara ahli laboratorium di laboratorium swasta di Surabaya. Badan Penelitian dan Pengembangan Kesehatan. Lembaga Penelitian FK Airlangga

Primdharsini PP, Wibawa IDN, 2013. Correlation between Quantitative HBsAg and HBV-DNA in chronic Hepatitis B infection. The Indonesian Journal of gastroenterology Hepatology and digestive endoscopy. Vol 14.;9-10

Risvi M, Azam M, Sami H, Shukla I, Malik A, Ajmal MR, *et al.* 2013. Role of IL-8, IL-10, IFN- γ and TNF-A in the immunopathogenesis of acute hepatitis B virus Infection. Journal of Gastrenterology and hepatology. Vol 2 no.6

Sauerbrei A, 2014. Is hepatitis B virucidal validation of biocides possible with the use of surrogates. World J Gastroenterol 20(2);436-444

Sanguanmoo P, Tanaka Y, Ratanakorn P, Sugiyama M, Murakami S, Payungporn S *et al.* Cross-species transmission of gibbon and orangutan hepatitis B virus to uPA/SCID mice with human hepatocytes. Virus Research 158;209-215

Sastroasmoro S, Ismael S. 2008. Dasar dasar metodologi Penelitian Klinis. Sagung Seto. Ed.3. Jakarta; h.12

Sastrosoewignjo R, Sandjaja B, Okamoto H, 1991. Molecular epidemiology of hepatitis B in Indonesia. Journal of gastroenterology and hepatology. 6;491-498

Seeger C, Mason WS, 2000. Hepatitis B virus biology. Microbiology and molecular biology review; 51-68

Shen L, Yin W, Zheng H, Cui F, Zhang S, Wang F, *et al.* 2014. Molecular epidemiological study of hepatitis B virus genotypes in southwest, China. Journal of Medical Virology. Vol 86.issue 8:1307-1313

Siburian MD, Intan MDB, Ismail, Arnelis, Zubir N, Julianto EB *et al.* 2011. Molecular epidemiology of hepatitis B virus in Minangkabau ethnic group of west Sumatera, Indonesia. ISID News

Siburian MD, Utama A, Dheni R, Arnelis, Fanany I, Intan MDB *et al.* High prevalence of hepatitis B virus genotype C/C1 in the Minangkabau ethnic group in Indonesia. Virology journal, 10;27

Soemohardjo S, 1996. Penatalaksanaan Pengidap virus hepatitis B dan pencegahannya. Dalam : Buku ajar Ilmu Penyakit Dalam; Jilid 1. Balai Penerbit FKUI, Jakarta;322-325

Sosrosumiharjo R, Giantini A, Yusra, 2007. Pemeriksaan Laboratorium pada penyakit hati.
Dalam:Buku ajar Ilmu Penyakit Hati. FKUI. Jayabadi;17-26

Stanojevic B, Osiowy C, Schaefer S, Bojovic K, Blagojevic J, Nesic M, *et al.* 2011 Molecular characterization and phylogenetic analysis of full-genome HBV subgenotype D3 sequences from Serbia. Infection, genetics and evolution 11;1475-1478

Stuyver L, 2000. A new genotype of hepatitis B virus: complete genome and phylogenetic relatedness. Journal of general virology.81:67-74

Takehara T, Hayashi N, Katayama K, Kasahara A, Fusamoto H, Kamada T, 1992. Hepatitis B core antigen specific interferon gamma production of peripheral blood mononuclear cell during acute exacerbation of chronic hepatitis B. Scandinavian journal of gastroenterology. Vol 27(9);727-731

Tan AT, Hoang LT, Chin D, Rasmussen E, Lopatin U, Hart S, *et al.* 2014. Reduction of HBV replication prolongs the early immunological response to IFN α therapy. Journal of hepatology. Vol 60 issue 1;54-61

Tang KH, Yusoff K, Tan WS, 2009. Display of hepatitis B virus Pre'S1 peptide on bacteriophage T7 and its potential in gene delivery into HepG2 cells. Journal of virological methods. 159 (2009) 194-199

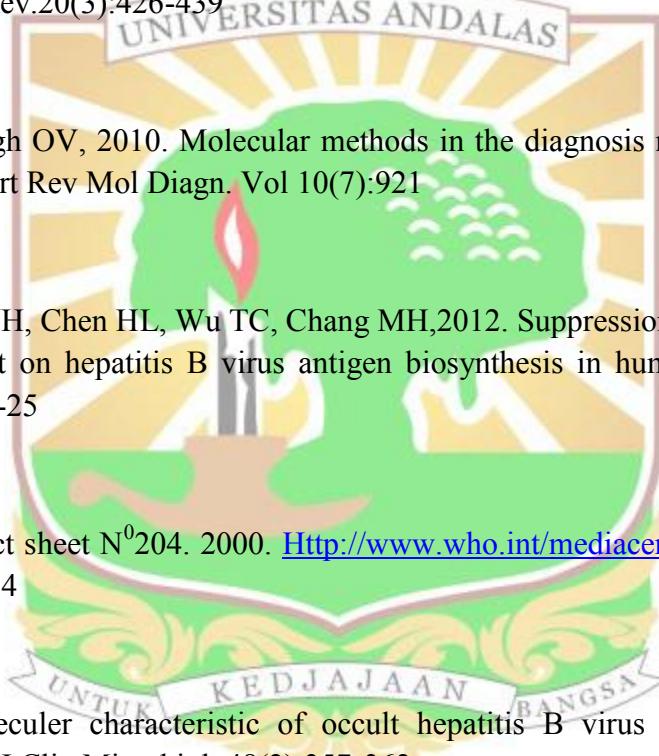
Tas T, Kaya S, Onal S, Kucukbayrak A, 2012. The detection of HBV DNA with polymerase chain reaction in blood donors with isolated hepatitis B core antibody. Medicinski Glasnik, Vol 9. ;221-230

Thedja MD, Roni M, Harahap AR, Siregar NC, Ie SI, Muljono DH, 2010. Occult hepatitis B in donor in Indonesia:altered antigenicity of the hepatitis B virus surface protein. Hepatol int (2010)4:608-614

Tong S, Li J, Wands JR, Wen Y, 2013. Hepatitis B virus genetic variants: biological properties and clinical implications. Emerging microbes & infections 2,e10;doi:10.1038/emi.2013.10

Utsumi T, Amin M, soetjipto, 2008. Serologic and molecular characteristics of hepatitis B virus among school children in east Java,Indonesia.

Valsamakis A, 2007. Molecular testing in the Diagnosis and management of chronic hepatitis B. Clin, Microbiol, Rev. 20(3):426-439



Vivekanandan P, Singh OV, 2010. Molecular methods in the diagnosis management of chronic hepatitis B. Expert Rev Mol Diagn. Vol 10(7):921

Wu JF, Hsu HY, Ni YH, Chen HL, Wu TC, Chang MH, 2012. Suppression of furin by interferon- γ and the impact on hepatitis B virus antigen biosynthesis in human hepatocytes. Am J Pathol 181(1);19-25

WHO. Hepatitis B fact sheet N°204. 2000. [Http://www.who.int/mediacentre/factsheet/fs204/en/](http://www.who.int/mediacentre/factsheet/fs204/en/). Accesed july 2014

Yuan Q, 2010. Moleculer characteristic of occult hepatitis B virus from blood donors in southeast China. J Clin Microbiol. 48(2):357-362

Yu H, Yuan Q, Ge SX, Wang HY, Zhang YL, Chen QR, Zhang J, 2010. Molecular and phylogenetic analyses suggest an add virus genotype 'I'. DOI:10.1371

Zhang X, Zhang E, Pei R, Jiang M, Schlaak JF, Roggendorf, Lu M, 2011. Modulation of Hepatitis B virus replication and hepatocyte differentiation by MicrRNA-1. Hepatology 53(5):1476-85

Zhang J, Zhang L, Song M, Wang W, 2010. Detection of HBV DNA in dried bloodstains on filter paper by nested polymerase chain reaction. Labmed.ascpjournals.org. No.41;535-539

Zhong Y, Lv J, Li J, Xing X, Zhu H, Su H, *et al*, 2012. Prevalence, virology and antiviral drugs susceptibility of hepatitis B virus rtN238H polymerase mutation from 1865 Chinese patients with chronic hepatitis B. Elsevier. Antiviral research 93:185-190

