

DAFTAR PUSTAKA

- Akhavan-Niaki H, Banihashemi A, Azizi M. 2012. Beta Globin Frameworks in Thalassemia Major Patients from North Iran. *Iranian Journal of Pediatrics*. 22(3):297-302.
- Allison, L.A. 2007. *Fundamental Molecular Biology*. Blackwell Publishing. Malden.
- Campbell, N.A., Reece, J.B., Urry, L.A., Cain, M.L., wasserman, S.A., Minorsky, P.V., & Jackson, R.B. 2015. *Biology, Eight Edition*. Pearson Benjamin Cummings. USA.
- Campbell, T.W. 2015. *Exotic Animal Hematology & Cytology*, 4th ed. John Wiley & Sons. Oxford, pp: 5-7.
- Cao, A. & Galanello, R. 2010. Beta-thalassemia. *GeneTest Review*. Genetics in Medicine 12:2.
- Chakrabarti, I., S.W. Sinha, N. Ghosh, & B.K. Goswami. 2012. BetaThalassemia Carrier Detection by NESTROFT: An Answer in Rural Scenario. *Iranian Journal of Pathology*. 7 (1): 19-26.
- Christianson A, Howson CP, Modell B 2006. March of Dimes global report on birth defects. March of Dimes Birth Defects Foundation, New York
- Collins, F.S. & S.M. Weissman. 1984. The Molecular Genetics of Human Hemoglobin. *Progress in Nucleic Acid Research & Molecular Biology*. (31): 315.
- Damjanov, I. 2012. *Pathology for the health professions*. 4th ed. Elsevier. Missouri, p. 212.
- ELie-Injo, L & Cai, Shaoyu & Wahidijat, I & Moeslichan, S & L Lim, M & Evangelista, L & Doherty, M & W Kan, Y. (1990). β -Thalassemia mutations in Indonesia & their linkage to β haplotypes. *American journal of human genetics*. 45. 971-5.
- Galanello, R. & Origa, R. 2010. Beta Thalassemia. *Orphanet Journal of Rare Diseases*. 5 (1): 1-15.
- Galanello, R. 2012. Recent Advances in the Molecular Underst&ing of Non Transfusion-Dependent Thalassemia. *Blood Reviews*, 26S: S7-S11
- Glick, B.R., Pasternak, J.J., Patten, C.L. 2010. *Molecular Biotechnology: Principles & Applications of Recombinant DNA.*: ASM Press. Washington DC.
- Gochhait S., Malhotra D., Rai E., Bamezai R.N.K. (2007) Automated Fluorescence Sequencing & Troubleshooting. In: Varma A., Oelmüller R. (eds) *Advanced Techniques in Soil Microbiology*. Soil Biology, vol 11. Springer, Berlin, Heidelberg
- Hernanda, P.Y., Tursilowati, L., Arkesteijn, S.G.J., Ugrasena, I.D.G., Larasati, M.C.S., Soeatmadji, S.M., Giordano, P.C., & Harteveld, C.L.

2012. Towards a Prevention Program for β -Thalassemia: the Molecular Spectrum in East Java, Indonesia. *Hemoglobin*. 30(1):1-6.
- Hoffbrand, A.V., Moss, P.A.H., & Petit J.E. 2006. *Erythropoiesis & general aspect of anemia. Essential Haematology. 5th Edition*. Massachusets: Blackwell Publishing, p.12-27.
- Hoffbrand, A.V. & P.A.H. Moss. 2011. *Essential Haematology. 6th Edition*. John Wiley & Sons. UK. pp: 1-24.
- Hoffman, R., E.J. Benz Jr., L.E. Silberstein, H. Heslop, J. Weitz, & J. Anastasi. 2013. *Hematology : Basic Principles & Practice*. 6th Edition. Elsevier Saunders. Philadelphia. pp: 408-417.
- Irfani, F.N. 2015. *Deteksi Mutasi Ekson 1 Gen β -Globin pada Carrier Hemoglobin E dengan Metode RFLP (Restriction Fragment Length Polymorphism)*. Yogyakarta : UGM.
- Kazazian Jr., H.H., C.D. Boehm. 1988. Molecular Basis & Prenatal Diagnosis of β -Thalassemia. *Blood*. 72 (4): 1107-1116.
- Klug, W.S., Cummings, M.R., & Spencer, C.A. 2006. *Concept of Genetics*. 8th Edition. Pearson Education, Inc. New Jersey.
- Lanni F. 2002. *Heterogenitas Molekuler Gen Globin-Beta di Indonesia Kaitannya dengan Pola Penyebaran Thalassemia-Beta dan Afinitas Genetik antar Populasi di Indonesia*. Disertasi Doktor Bidang Ilmu Kedokteran UGM.
- Lee, M. 2009. *Basic skills in interpreting laboratory data*. 4th ed. American society of Health System Pharmacist. Bethesda, p. 342.
- Lewis, R. 2008. *Human Genetics*. 8th edition. McGraw-Hill. New York.
- Mosca, A., R. Paleari, G. Ivaldi, R. Galanello, & P.C. Giordano. 2009. The Role of Haemoglobin A2 Testing in the Diagnosis of Thalassemias & Related Haemoglobinopathies. *Journal of Clinical Pathology*. 62: 13-17.
- Munker, R. 2007. Basic Biology of Hemopoiesis. Pp: 8. In Munker, R. E. Hiller, J. Glass, & R. Paquette. 2007. *Modern Haematology : Biology & Clinical Managemen. 2nd Ed*. Humana Press Inc. New Jersey.
- Olivieri, N.F. 1999. The β -Thalassemia: Medical Progress. *The New Engl& Journal of Medicine*. 341 (2) : 99-109.
- Passarge, E. 2007. *Color Atlas of Genetics*. 3rd Edition. Thieme. Stuttgart, Germany. pp: 342-355.
- Pearce, Evelyn C. 2006. *Anatomi dn fisiologi untuk paramedis*. Gramedia Pustaka Utama, Jakarta.
- Priyambodo. 2014. *Deteksi Molekular Pembawa Sifat β -Thalassemia di Daerah Istimewa Yogyakarta [Tesis]*. Yogyakarta: Program Pascasarjana Fakultas Biologi Universitas Gadjah Mada.
- Reece, R.J. 2004. *Analysis of Genes & Genomes*. John Wiley & Sons. Chichester.

- Rhoades, R.A. & D.R. Bell. 2009. *Medical physiology: Principles for clinical medicine*. 3rd ed. Lippincott Williams & Wilkins. Philadelphia, p. 352.
- Rodak, B.F., G.A. Fritsma, & E.M. Keohane. 2012. *Hematology: Clinical, Principles, & Application*. 4th Edition. Elsevier Saunders. pp: 1-5, 66-67, 76-77.
- Rogers, K. 2011. *Blood: Physiology & Circulation*. 1st Ed. Britannica Educational Publishing. New York.
- Rogers, K. 2011. *New Thinking about Genetics*. Britannica Educational Publishing. New York.
- Sambrook, J. & Russel, D.W. 1989. *Molecular Cloning: A Laboratory Manual* 2nd ed. Cold-Spring Harbor Laboratory Press. New York. Pp. 165-166.
- Schrier, S.L. 1994. Thalassemia : Pathophysiology of Red Cell Changes. *Annual Review of Medicine*. (45): 211-218.
- Setianingsih, I., Williamson, R., Marzuk, S., Harahap, A., Tamam, M., & Forrest, S. 1998. Molecular Basis of β -Thalassemia in Indonesia Application to Prenatal Diagnosis. *Molecular Diagnosis*. 3(1):11-20.
- Smith, J. & R. Roberts. 2011. *Vital Signs for Nurses An Introduction to Clinical Observations*. Wiley-Blackwell. London.
- Sofro, A.S.M, Clegg, J.B., F, Lanni, Sianipar, O., Himawan, & Liliani, R.V. 1996. Application of ARMS promoters for ther molecular characterization of β -thalassemia carrier in Palembang, South Sumatra. *Indonesian Journal of Biotechnology*. Vol 12: 59-65.
- Steinberg, M.H., B.G. Forget, D.R. Higgs, & D.J. Weatherall. 2009. *Disorders of Hemoglobin: Genetics, Pathophysiology, & Clinical Management*. 2nd Edition. Cambridge University Press. New York. pp: 101-104, 119-133.
- Tamam, M., S. Hadisaputro, Sutaryo, I. Setianingsih, R. Astuti, dan A. Soemantri. 2010. Hubungan Antara Tipe Mutasi Gen Globin dan Manifestasi Klinis Penderita Thalassemia. *Jurnal Kedokteran Bhrawijaya*. 26: 48-52.
- Tangvarasittichai, S. 2011. *Thalassemia Syndrome*. Intech. Diunduh dari <http://www.intechopen.com/books/advances-in-the-study-of-geneticsdisorders/thalassemia-syndrome>. Diakses pada 20 November 2017.
- Tayapiwatana, C., S. Kuntaruk, T. Tatu, S. Chiampanichayakul, T. Munkongdee, P. Winichagoon, S. Fuchareon, & W. Kasinrerker. 2009. Simple Method for Screening of α -Thalassemia 1 Carriers. *International Journal of Hematology*. 89: 559-567.



- Weatherall, D.J. & J.B. Clegg. 2001. *The Thalassemias Syndrome*. 4th Edition. Blackwell Science Ltd. Osney Mead. Oxford. pp: 710-712.
- Weatherall, D.J. & J.B. Clegg. 2001a. Inherited Haemoglobin Disorders: An Increasing Global Health Problem. Public Health Reviews. *Bulletin of the World Health Organization*. 79: 704-712.