

DAFTAR PUSTAKA

- American society of clinical oncology (ASCO). (2015). Available at: cancer.net Editorial Board, 08/2015.
- Amsden, JP. (1950). *Physical Chemistry for Premedical Students* (2nd edition). New York: McGraw-Hill Book Company, 298-302.
- Baenke, F., Peck, B., Miess, H., Schulze, A. (2013). Hooked on fat: the role of lipid synthesis in cancer metabolism and tumour development. *Dis Model Mech*, 6(6), 1353–1363.
- Braoudaki, M., Lambrou, GI., Vougas, K., Karamolegou, K., Tsangaris, GT., Stathopoulou, FT. (2013). Protein biomarkers distinguish between high- and low-risk pediatric acute lymphoblastic leukemia in a tissue specific manner. *Journal of Hematology & Oncology*, 6, 52.
- Burks, E.J., Loughran Jr, T.P. (2006). Pathogenesis of neutropenia in large granular lymphocyte leukemia and felty syndrome. *Blood Reviews*, 20, 245–226.
- Cancer facts & figures. (2016). *American Cancer Society*. Available at: <http://www.cancer.org/acs/groups/content/@research/documents/document/acspc-047079.pdf>.
- Cancer incidence and mortality worldwide. (2014). *IARC Cancer Base No. 11 Lyon, International Agency for Research on Cancer*.
- Celi, L., Presta, M., Ajmore-Marsan, F., Barberis, E. (2001). Effects of pH and electrolytes on inositol hexaphosphate interaction with goethite. *Soil Sci Soc Am J* (65): 753-760.
- Chen, B., Le, W., Wang, Y., Li, Z., Wang, D., Ren, L., *et al.* (2016). Targeting negatif surface charges of cancer cells by multifunctional nanoprobes. *Theranostics*, 6(11): 1887–1898.
- Chen, P., Zhang, L., Zhang, F., Liu, JT., Bai, H., Tang, GQ., *et al.* (2012). Spectral discrimination between normal and leukemic human sera using delayed luminescence. *Biomedical Optics Express*, 3(8).
- Chiaretti, S., Zini, G., Bassan, R. (2014). Diagnosis and subclassification of acute lymphoblastic leukemia. *Mediterranean Journal of Hematology and Infectious Diseases*.
- Crooke, ST., Prestayko, AW. (2005). Introduction to clinical oncology. *Academic press, Langmuir*, 21, 6462-6472.

- Devlin, TM. (1997). *Textbook of Biochemistry with Clinical Correlations* (4th edition). New York: A John Wiley & Sons, 200; 248.
- Dongen, JJM., Velden, VHJ., Brüggemann, M., Orfao, A. (2015). Minimal residual disease diagnostics in acute lymphoblastic leukemia: need for sensitive, fast, and standardized technologies. *Blood*, 125(26): 3996–4009.
- E, Ruud., H, Holmstrøm., F, Brosstad., F, Wesenberg. (2006). Children with acute lymphoblastic leukaemia have high plasma levels of total homocysteine at time of diagnosis. *Scand J Clin Lab Invest*, 66(1):67-78.
- Edwards, SW., Lloyd, D. (1987). CO-reacting haemoproteins of neutrofil: evidence for cytochrome b-245 and myeloperoxidase as potential oxidases during the respiratory burst. *Bioscience Reports*, 7(3).
- Einollahi, N., Alizadeh, Sh., Dashti, N., Nabatchian, F., Bovani, MZ., Abbasi, S., *et al.* (2013). Serum lipid profile alterations in acute leukemia before and after chemotherapy. *IJBC*, 1, 3-9.
- Fernandes, HP., Cesar, CL., Barjas-Castro, ML. (2011). Electrical properties of the red blood cell membran and immunohematological investigation. *Rev Bras Hematol Hemoter*, 33(4):297-301.
- Field, M., Block, JB., Levin, R., RaIl, DP. (1966). Significance of blood lactate elevations among patients with acute leukemia and other neoplastic proliferative disorders. *Am J Med*, 40, 528-547.
- Gaspar, D. (2015). Apoptotic human neutrofil peptide-1 anti-tumor activity revealed by cellular biomechanics: *Biochimica et biophysica acta. Elsevier*, 308–316.
- Glasstone. (1960). *Textbook of Physical Chemistry* (2nd edition). London: Macmillan Limited, 496-498, 889.
- How is childhood leukemia diagnosed. (2016). *American Cancer Society*. Available at: Cancer.org.
- Jeffrey, E., Rubnitz, MD., Hijiya, N., Zhou, Y., Haell, M., Hancock, L., *et al.* (2004). Lack of benefit of early detection of relapse after completion of therapy for acute lymphoblastic leukemia. *Wiley-Liss, Inc.*
- Jensen, KE., Jensen, M., Grundtvig, P., Thomsen, C., Karle, H., Henriksen, O. (1988). Localized in vivo proton spectroscopy of the bone marrow in patients with leukemia. *Magnetic Resonance Imaging*, 8, 779 - 789.
- Joshi, G. (2015). *Erythrocyte Sedimentation Rate*. Available at: https://www.slideshare.net/GovardhanJoshi/erythrocyte-sedimentation-rate?utm_source=slideshow02&utm_medium=ssemail&utm_campaign=share_slideshow.

- Hameed, MA., Waqas, S. (2006). Physiological basis and clinical utility of erythrocyte sedimentation rate. *Pak J Med Sci*, 22, 2214 – 2218.
- Holme, DJ., Peck, H. (1993). *Analytical biochemistry*. New York: Longman Scientific and Technical, 28-50.
- Howlander, N., Noone, A.M., Krapcho, M. (2013). SEER Cancer statistics review 1975-2010. *Bethesda, Md: National Cancer Institute*.
- Larsen, A.M. (2015). Haemostatic function and biomarkers of endothelial damage before and after platelet transfusion in patients with acute myeloid leukaemia. *Wiley Online Library*, 25.
- Larsson, S., Nordenson, A., Glader, P., Yoshihara, S., Lindén, A., Slinde, A. (2011). A gender difference in circulating neutrophils in malnourished patients with COPD. *Dove Press*.
- Leukemia. (2016). Available at: Mayoclinic.org. Diakses 30 Juli 2016
- Leukemia treatment overview. (2016). Available at: www.Webmd.com. Diakses 30 Juli 2016
- Lichtman, M., Beutler, E., Thomas, J.K. (2010). *Williams Hematology*. New York: McGraw-Hill Medical.
- Lockwood, W. (2015). Leukemia: AML, CML, ALL and CLL. Available at: www.rm.org. Reviewed September, Expires September, 2017.
- Loffler, H., Rastetter, J., Haferlach, T. (2004). *Atlas of Clinical Hematology* (6th ed). Springer.
- Maclouf, J.A., Murphy, R.C. (1988). Transcellular metabolism of neutrofil-derived leukotriene a₄ by human platelets. *The Journal of Biological Chemistry*, 263.
- Mains. (2013). Dynamic contrast-enhanced ct (dce-ct) as a potential biomarker in patients with metastatic renal cell carcinoma (mRCC). european society of radiology. *Electronic Presentation Online System*.
- Medrzycka , KB. (1991). The effect of particle concentration on zeta potential in extremely dilute solutions. *Colloid Polym Sci*, 269, 85 – 90.
- Mehta, A. (2012). Ultraviolet-visible (UV-Vis) spectroscopy – limitations and deviations of beer-lambert law. Available at: <http://pharmaxchange.info/press/2012/05/ultraviolet-visible-uv-vis-spectroscopy-%E2%80%93-limitations-and-deviations-of-beer-lambert-law/>.
- Metzler, K. (2016). Neutrofiles: definition & function. Available at: study.com. diakses 30 Juli 2016

- Murray, D., Arbuzova, A., Hangyas-Mihalyne, G., Gambhir, A., Ben-Tal, N., Honing, B., *et al.* (1999). Electrostatic properties of membranes containing acidic lipids and absorbed basic peptides: theory and experiment. *Biophys J*, 77, 3176-3188.
- Murray, RK., Granner, DM., Mayes, PA., Rodwell, VW. 2000. *Harper's Biochemistry* (23rd edition). London: Prentice-Hall International Inc., 277-278, 737, 745, 763-764, 789-790, 865.
- Murray. *Biokimia harper* (edisi 27). Jakarta, Indonesia: EGC, 59(5), 339-347.
- Musharraf, SG., Siddiqui, AJ., Shamsi, T., Choudhary, MI., Rahmanm, A. (2016). Serum metabolomics of acute leukemia using nuclear magnetic resonance spectroscopy. *Scientific Reports*, 630-693.
- Ngadikun. (1998). *Pengukuran laju endap darah (erythrocyte sedimentation rate) dengan metode spektrometri* (tesis S2). Universitas Indonesia, Jakarta, Indonesia.
- Nicoll, D., Chuanyi, M.L., Michael, P., Stephen J. (2001). *Pocket Guide to Diagnostic Test* (edisi 3). USA: Lange.
- Nielsen, SS. (2009). *Food Analysis* (4th edition). Springer.
- Nurilawati. (2011). *Leukemia*. Available at: (<http://digilib.unimus.ac.id/files/disk1/156/jptunimus-gdl-nurilawati-5172-2-bab2.pdf>). diakses pada 12 April 2016
- Paarang, YB., Mantik, MFJ., Gunawan, S. (2015). Hubungan antara ratio netrofil limfosit dengan klasifikasi risiko pada leukemia limfoblastik akut. *Jurnal e-Clinic (eCl)*, 3(1).
- Palisade corporation. (2017). Risk analysis: deterministik risk analysis and stochastic risk analysis. *Sydney*.
- Peng, Gaozhu. (2008). Multiphysics computation on cellular interaction in complex geometries and vortex-accelerated vorticity deposition in richtmyer-meshkov instability. *New Jersey: UMI*.
- Procalcitonin as an early marker of bacterial infection in neutropenic febrile children with acute lymphoblastic leukemia. (2009). *Inflammation Research*.
- Ramesh, PM., Marwaha, RK., Anish, TS. 2011. Childhood cancer in developing society: A roadmap of health care. *Indian J Med Paediatr Oncol*, 32(1): 30-33.
- Rosenkvist, JI., Dybkjaer, E. (1990). False negatif results in anti-HIV ELISA due to insufficient antigen coating of microtitre plates. *Med Lab Sci*, 47(4):353-355.

- Salgin S. et al. (2012). Zeta potentials and isoelectric points of biomolecules: the effects of ion types and ionic strengths. *Int. J. Electrochem. Sci*, 7, 12404 – 12414.
- Schick, F., Einsele, H., Bongers, H., Jung, W.I., Skalej, M., Duda, S., et al. (1993). Leukemic red bone marrow changes assessed by magnetic resonance imaging and localized ¹H spectroscopy. *Annals of Hematology*, 66, 3-13.
- Sitairesmi, MN., Mostert, S., Gundy, CM., Sutaryo, Veerman, AJP. (2008). Health-related quality of life assessment in Indonesian childhood acute lymphoblastic leukemia. *Health and Quality of Life Outcomes*, 6, 96
- Soerjomataram, FJI. (2007). Egyptian company for biotechnology. *Obour City Industrial Area*.
- Strahler, JR., Kuick, R., Eckerskom, C., Lottspeich, F., Richardson, BC., Fox, DA., et al. (1990). Identification of two related markers for common acute lymphoblastic leukemia as heat shock proteins. *J. Clin. Invest.*
- Stuart, J., Simpson, iS., Mann, JR. (1970). Intracellular hydrogen transport system in acute leukemia. *Br J Haematol*, 19, 739-748.
- Supriyadi, E., et al. (2011). Immunophenotypic patterns of childhood acute leukemias in Indonesia. *Asian Pacific Journal of Cancer Prevention*, 12.
- Tantra, R., Schulze1, P., Quincey, P. (2010). Effect of nanoparticle concentration on zeta-potential measurement results and reproducibility. *Particuology*, 8, 279-285.
- The Leukemia & Lymphoma Society of Canada (LLSC). (2016).
- The McGill physiology virtual lab. Available at: www.medicine.mcgill.ca. Diakses 30 Juli 2016
- Treatment for leukaemia. (2016). Available at: Cancervic.org.au. Review 30 April 2013. Diakses 30 Juli 2016
- Trewhitt KG. (2001). Bone marrow aspiration and biopsy: collection and interpretation. *Oncol Nurs Forum*, 28(9):1409-15; quiz 1416-1417. [Medline].
- Walter, J. (2010). Acute lymphoblastic leukemia. *Leukemia and Lymphoma Society*, 1-44.
- Wetzler, M., Marcucci, G., Bloomfield, CD. (2009). *Harrison's Principles of Internal Medicine: Acute and Chronic Myeloid Leukemia* (18th ed, chapter 109). New York: McGraw-Hill Global Education, Medical Pub. Division.
- World Cancer Research Fun International. (2012). *Globocan*, 1(1).

Wilhelm, C., Gazeau, F., Roger, J., Pons, JN., Bacri, JC. (2008). *Langmuir*, 18: 8148–8155.

Yamin, S., Kurniawan, H. 2009. *SPSS Complete: Teknik Analisis Statistik Terlengkap dengan Software SPSS* (buku seri pertama). Jakarta: Salemba Infotek.

Zhang, Y., Yang, M., Portney, NG., Cui, D., Budak, G., Ozbay, E., *et al.* (2008). Zeta potential: a surface electrical characteristic to probe the interaction of nanoparticles with normal and cancer human breast epithelial cells. *Biomed Microdevices*, 10:321–328.