DAFTAR PUSTAKA

Abba, M.C., Y. Zhong, J. Lee, H. Kil, Y. Lu, Y. Takata, M.S. Simper, S. Gaddis, J. Shen, and C.M. Aldaz. 2016. DMBA Induced Mouse Mammary Tumors Display High Incidence of Activating Pik3ca^{H1047} and Loss of Function Pten Mutations. *Oncotarget*, 7(39) : 64289–64299.

Alamsyah, F., I.N.Ajrina, F.N.A. Dewi, D.Iskandriati, S.A.Prabandari, and W.P.Taruno. 2015. Antiproliferative Effect of Electric Fields on Breast Tumor Cells *In Vitro* and *In Vivo*. *Indonesian Journal of Cancer Chemoprevention*, 6(3): 71-77.

American Cancer Society. 2016. *Chemotherapy Side Effects* [online]. https://www.cancer.org/treatment/treatments-and-side-effects/treatment-types/chemotherapy/chemotherapy-side-effects. Diakses tanggal 10 Maret 2018.

Amin, A. 2009. Protective Effect of Green Algae Against 7,12-Dimethylbenzanthracene (DMBA)-Induced Breast Cancer In Rats. *International Journal of Cancer Research*, 5(1) : 12-24.

Arteaga, C.L. 2002. Epidermal Growth Factor Receptor Dependence In Human Tumors: More Than Just Expression?. *The Oncologist*, 7(4) : 1-2.

Baba, A and C. Catoi. 2007. *Comparative Oncology*. The Publishing House of the Romanian Academy. Bucharest. Chapter 3 : 1-3.

Bakrania, A.K., B.C. Variya, and S.S. Patel. 2017. Role of b-Interferon Inducer (DEAE-Dextran) in Tumorigenesis by VEGF and NOTCH1 Inhibition Along with Apoptosis Induction. *Front. Pharmacol*. 8(930) : 3,10

Bancroft, J.D and H.C. Cook. 1994. *Manual of Histology Techniques and Their Diagnostic Application*. Churchill Livingstone. London.

Barros, A.S.C.D., E. N. K. Muranaka, L.J. Mori, C. H. T. Pelizon, K. Iriya, G. Giocondo, and J.A. Pinotti. 2004. Induction of Experimental Mammary Carcinogenesis in Rats With 7,12-Dimethylbenz(α)Anthracene. *REV. HOSP. CLÍN. FAC. MED. S. PAULO*, 59(5) : 257-261.

BioCare Medical. 2018. *Starr Trek Universal HRP Detection System*. BIOCARE MEDICAL.USA.

Brady, N.J., P. Chuntova, and K.L. Schwertfeger. 2016. Macrophages: Regulators of The Inflammatory Microenvironment During Mammary Gland Development and Breast Cancer. *Review Article*. 2016 : 1-2,4.

Bray, F., J. Ferlay, I. Soerjomataram, R.L. Siegel, L.A.. Torre., and A. Jemal. 2018. Global Cancer Statistics 2018: GLOBOCAN Estimates of Incidence and Mortality Worldwide for 36 Cancers. *A Cancer Journal for Clinicians*, doi: 10.3322/caac.21492 : 1,9,19.

Campbell, N. A., J.B. Reece, L.A. Urry, M.L. Cain, S.A. Wasserman, P.V. Minorsky, and R.B. Jackson. 2008. *Biologi Edisi Ke-8 Jilid Satu.* Erlangga. Jakarta. Hal. 102-103, 404-405, 407.

Carpenter, R.L. and H.W.Lo. 2013. Regulation of Apoptosis by HER2 in Breast Cancer. *J. Carcinog Mutagen*, 7(2013) : 1-4.

Chen,Y. *and* X.Zhang. 2017. Pivotal Regulators of Tissue Homeostasis and Cancer: Macrophages. *Experimental Hematology & Oncology*, 6(23) : 5.

Chen, J., F.Zeng, S.J.Forrester, S.Eguchi, M.Z.Zhang, and R.C.Harris. 2016. Expression and Function of The Epidermal Growth Factor Receptor In Physiology and Disease. *American Physiological Society*, 96(2016) : 1025-1026, 1050.

Dandekar, R.C., A.V.Kingaonkar, and G.S.Dhabekar. 2011. Role of Macrophages in Malignancy. *Ann Maxillofac Surg*, 1(2) : 150-154.

Dendukuri, N., K. Khetani, M. McIsaac, and J. Brophy. 2007. Testing for HER2-Positive Breast Cancer : A Systematic Review and Cost-Effectiveness Analysis. *CMAJ*, 176(10) : 1429.

Duarte, R., P.Jesus, R.Farinba, and A.S.Cabrita. 2016. Adipose Tissue and Liver in DMBA Experimental Intoxication. *Experimental Pathology and Health Sciences*, 8(1) : 59-66.

Feng, M., C. Feng, Z. Yu, Q. Fu, Z. Ma, F. Wang, F. Wang, and L. Yu. 2015. Histopathological Alterations During Breast Carcinogenesis In A Rat Model Induced by 7,12-Dimethylbenz(a)anthracene and Estrogen-Progestogen Combinations. *Int J Clin Exp Med*, 8(1) : 346-350.

Goswani, K.K., T. Ghosh, S. Ghosh, M. Sarkar, A. Bose, and R. Baral. 2017. Tumor Promoting Role of Anti-Tumor Macrophages In Tumor Microenvironment. *Cellular Immunology*, 316(2017) : 1-2.

Gruver, A.M., B.P. Portier, and R.R. Tubbs. 2011. Molecular Pathology of Breast Cancer : The Journey From Traditional Practice Toward Embracing the Complexity of A Molecular Classification. *Arch Pathol Lab* Med, 135 : 544-545.

Hoare, J.I., A.M. Rajnicek, C.D. McCaig, R.N. Barker, and H.M. Wilson. 2016. Electric Fields are Novel Determinants of Human Macrophage Functions . *Journal of Leukocyte Biology*. 99 : 1-9.

Holliday, D.L. and V. Speirs. 2011. Choosing The Right Cell Line for Breast Cancer Research. *Breast Cancer Research*. 13 : 1-2.

Iqbal, N. and N.Iqbal. 2014. Human Epidermal Growth Factor Receptor 2 (HER2) in Cancers : Overexpression and Therapeutic Implications, *Molecular Biology International*, 2014 : 1-3.

Kirson, E.D., Z.Gurvich, R. Schneiderman, E. Dekel, A. Itzhaki, Y. Wasserman, R. Schatzberger, and Y. Palti. 2004. Disruption of Cancer Cell Replication by Alternating Electric Fields. *Cancer Research*. 64 : 3288–3295.

Kirson,E.D., V. Dbaly, F. Tovarys, J. Vymazal, J.F. Soustiel, A. Itzhaki, D. Mordechovich, S.S. Shapira, Z. Gurvich, R. Schneiderman, Y. Wasserman, M. Salzberg, B. Ryffel, D. Goldsher, E. Dekel, and Y. Palti. 2007. Alternating Electric Fields Arrest Cell Proliferatioin Animal Tumor Models and Human Brain Tumors. *PNAS*, 104(24) : 10152–10157.

Li, C., M. Levin, and D.L. Kaplan. 2016. Bioelectric Modulation of Macrophage Polarization. *Scientific Reports*, 6(21044) : 1.

Lin, F., F.Baldessari, C.C.Gyenge, T.Sato, R.D.Chambers, J.G.Santiago, and E.C.Butcher. 2008. Lymphocyte Electrotaxis *In Vitro* and *In Vivo*. *The Journal of Immunology*, 181: 2465.

Lindsten, T., A.Hedbrant, A.Ramberg, J.Wijkander, A.Solterbeck, M.Eriksson, D.Delbro, and A.Erlandsson. 2017. Effect of Macrophages on Breast Cancer Cell Proliferation, and on Expression of Hormone Receptors, uPAR and HER-2. *International Journal of Oncology*, 51 : 104-105.

Martinez, F.O. and S. Gordon. 2014. The M1 and M2 Paradigm of Macrophage Activation : Time for Reassessment. *Prime Reports*, 6(13) : 1-5.

Makki, J. 2015. Diversity of Breast Carcinoma : Histological Subtypes and Clinical Relevance. *Clinical Medicine Insights*. 8(2015) : 23.

Medrek, C., F.Ponten, K.Jirstrom, and K.Leandersson. 2012. The Presence of Tumor Associated Macrophages In Tumor Stroma As A Prognostic Marker For Breast Cancer Patients. *BMC Cancer*, 12(306) : 1-2.

Mursilatun. 2010. Pengaruh Medan Listrik Terhadap Pertumbuhan Sel Kanker. *Penelitian Skripsi*. Fakultas Matematika dan Ilmu Pengetahuan Alam. Universitas Indonesia. Hal 25, 27, 39-40.

Nishimura, R., N.Okamoto, M.Satou, K.Kojima, and S.Tanaka. 2016. HER 2 Immunohistochemistry for Breast Cancer Cell Blocks Can Be Used in the Same Way As That Used for Histological Specimens. *Diagnostic Cytopathology*, 44(4) : 277-278.

Ong, C.B., C. Brandenberger, M. Kiupel, A. Kariagina, I. M. Langohr. 2015. Immunohistochemical Characterization and Morphometric Analysis of Macrophages in Rat Mammary Tumors. *Veterinary Pathology*, 52(2) : 414-418.

Ponzoni, M., F.Pastorino, D.D.Paolo, P.Perri, and Brignole. 2018. Targeting Macrophages As A Potential Therapeutic Intervention: Impact On Inflammatory Diseases and Cancer, *International Journal of Molecular Sciences*, 19(2018) : 2.

Pello, J.I.M., 2017. *Pengaruh Medan Listrik Frekuensi Menengah dengan Intensitas Rendah terhadap Pertumbuhan Tumor Tikus (Rattus norvegicus, Berkenhout, 1769) dengan Induksi Tumor Payudara. Penelitian Seminar*. Fakultas Biologi, Universitas Gadjah Mada. Hal 8-9.

Pello, J.I.M. 2019. Pengaruh Medan Listrik Statis terhadap Proliferasi dan Kematian Sel pada Jaringan Tumor Payudara Tikus (*Rattus norvegicus* Berkenhout, 1769) Galur Sprague Dawley. *Penelitian Skripsi*. Fakultas Biologi. Universitas Gadjah Mada. Hal 17-18, 34.

Perez, E.A., J.Cortes, A.M.Gonzales-Angulo, and J.M.S.Bartlett. 2014. HER2 Testing : Current Status and Future Directions. *Cancer Treatment Reviews*, 40(2014) : 276-277.

Petri, A.K., K.Schmiedchen, D.Stunder, D.Dechent, T.Kraus, W.H.Bailey, and S.Driessen. 2017. Biological Effects of Exposure to Static Electric Fields in Humans and Vertebrates: A Systematic Review. *Environmental Health*, 16(41) : 18

Ray, A and B.N.Dittel. 2010. Isolation of Mouse Peritoneal Cavity Cells. *Journal of Visualized Experiments*, 35 : 1-3.

Real, F.X., W.J.Rettig, P.G.Chesa, M.R.Melamed, L.J.Old, and J.Mendelsohn. 1986. Expression of Epidermal Growth Factor Receptor in Human Cultured Cells and Tissues : Relationship to Cell Lineage and Stage of Differentiation. *Cancer Research*, 46 : 4726.

Royal Society of Chemistry. 2015. *7,12-Dimethylbenzanthracene* [online]. https://pubchem.ncbi.nlm.nih.gov/compound/dmba#section=Top. Diakses 11 Maret 2018.

Sawe, R.T., M.Kerper, S.Badve, J.Li, M.S.Cooper, J.Xie, Z.Shi, K.Patel, D.Chumba, A.Ofulla, J.Prosperi, K.Taylor, M.S.Stack, S.Mining and L.E. Littlepage. 2016. Aggressive Breast Cancer In Western Kenya Has Early Onset, High Proliferation, and Immune Cell Infiltration. *BMC Cancer*, 16(204) : 2-4.

Septhea, D.B., Anindyajati, A.P.Darma, I.Nurzijah, and A.E.Nugroho. 2011. *Ficus septica* burm. F. Leaves Ethanolic Extract Induces Apoptosis in 7,12-*Dimethylbenz[a]nthracene-Induced*. *Indonesian Journal of Cancer Chemoprevention*, 2(2) : 254-260.

Sun, Z., Y.Shi, Y.Shen, L.Cao, W.Zhang, and X.Guan. 2015. Analysis of Different HER-2 Mutations In Breast Cancer Progression and Drug Resistance. *J. Cell. Mol. Med*, 19(12) : 2691-2692.

Tan, M and D.Yu. 2013. *Molecular Mechanism of ErbB2-Mediated Breast Cancer Chemoresistance*. In : Madame Curie Bioscience Database [Internet]. Austin T(X) : Landes Bioscience.

Tikkanen, A. 2019. Carcinoma Pathology [online]. https://www.britannica.com/science/carcinoma.html. Diakses pada tanggal 21 April 2019.

Verheul, H.M.W. and H.M.Pinedo. 2000. The Role of Vascular Endothelial Growth Factor (VEGF) in Tumor Angiogenesis and Early Clinical Development of VEGF Receptor Kinase Inhibitors. *Clinical Breast Cancer*, 1(1) : 80.

Weagel, E., C.Smith, P.G.Liu, R.Robison, and K.O'Neill. 2015. Macrophage Polarization and Its Role in Cancer. *Journal of Clinical & Cellular Immunology*, 6(4) : 1-5.

Wongso, H dan I.Halimah, 2014. Prinsip Uji Praklinis dan Klinis dalam Pengembangan Radiofarmaka Penyidik Kanker. *Jurnal Forum Nuklir (JNF)*, 8(1) : 98-99, 102

Yang, J., X.Li, X.Liu, and Y.Liu. 2015. The Role of Tumor-Associated Macrophages in Breast Carcinoma Invasion and Metastasis. *Int J Clin Exp Pathol*, 8(6) : 6658.

Yang, M., Z.Li, M.Ren, S.LI, L.Zhang, X.Zhang, and F.Liu. 2018. Stromal Infiltration of Tumor-Associated Macrophages Conferring Poor Prognosis of Patients with Basal-Like Breast Carcinoma. *Journal of Cancer*, 9(13) : 2308-2310, 2313.

Zhang, Y., S.Cheng, M.Zhang, L.Zhen, D.Pang, Q.Zhang, and Z.Li. 2013. High-Infiltration of Tumor-Associated Macrophages Predicts Unfavorable Clinical Outcome for Node-Negative Breast Cancer. *PLOS ONE*, 8(9) :1-2.

Zhao, J.A., J.J. Chen, Y.C.H Ju, J.H. Wu, C.Z.I. Geng, and H.C.H Yang. 2011. The Effect of Childbirth on Carcinogenesis of DMBA-Induces Breast Cancer in Female SD Rats. *Chinese Journal of Cancer*, 30(11) : 779-785.