

DAFTAR PUSTAKA

- Al-Majed, A.A., Sayed-Ahmed, M.M., Al-Yahya, A.A., Aleisa, A.M., Al-Rejaie, S.S., and Al-Shabanah, O.A. (2006). Propionyl-L-carnitine Prevents the Progression of Cisplatin-Induced Cardiomyopathy in a Carnitine-Depleted Rat Model. *Pharmacol. Res.* 53: 278-286.
- Al-Ostoot, F.H., Salah, S., Khamees, H.A., and Khanum, S.A. (2021). Tumor Angiogenesis: Current Challenges and Therapeutic Opportunities. *Cancer Treatment and Research Communications.* 28: 1-11.
- Arany, I., and Safirstein, R.L. (2003). Cisplatin Nephrotoxicity. *Semin Nephrol.* 23: 460-464.
- Ariani, S. (2015). *STOP! KANKER*. Yogyakarta: Istana Media.
- Ashraf, K., Adlin, N.F., Basri, A.N., Ahmad, W., and Sultan, S. (2024). The Traditional Uses, Phytochemistry, and Pharmacological Effects of *Clitoria ternatea*: a Review. *Ind J Pharm Edu Res.* 58(1): 1-14.
- Aslakson, C.J. and Miller, F.R. (1992). Selective Events in the Metastatic Process Defined by Analysis of the Sequential Dissemination of Subpopulations of a Mouse Mammary Tumor. *Cancer Res.* 52: 1399-1405.
- Bagnardi, V., Rota, M., Botteri, E., Tramacere, I., Islami, F., Fedirko, V., et al. (2013). Light Alcohol Drinking and Cancer: a Meta Analysis. *Ann Oncol.* 24(2): 301-308.
- Baritaki, S., Militello, L., Malaponte, G., Spandidos, D.A., Salcedo, M., and Bonavida, B. (2011). The Anti-CD20 mAb LFB-R603 Interrupts the Dysregulated NF- κ B/Snail/RKIP/PTEN Resistance Loop in B-NHL Cells: Role in Sensitization to TRAIL Apoptosis. *Int J Oncol.* 38(6): 1683-1694.
- Benz, C.C. (2008). Impact of Aging on the Biology of Breast Cancer. *Crit Rec Oncol Hematol* 66(1): 65-74.
- Berridge, M.V., Herst, P.M. and Tan, A.S. (2005). Tetrazolium Dyes as a Tools in Cell Biology: New Insights into Their Cellular Reduction. *Biotechnol annu Rev.* 11: 127-152.
- Boyages, J. (2017). Radiation Therapy and Early Breast Cancer: Current Controversies. *Med J Aust.* 207: 216-222.
- Carbone, A. (2020). Cancer Classifications at the Crossroads. *Cancers.* 12(4): 1-6.
- Carneiro, B.A. and El-Deiry, W.S. (2020). Targeting apoptosis in Cancer Therapy. *Clinical Oncology.* 17: 395-417.
- Chan, L.L.Y., Smith, T., A Kendra, Kumph, Kuksin, D., Kessel, S., Dery, O., Cribbes, S., Lai, N., and Qiu, J. (2016). A High-Throughput AO/PI-Based

Cell Concentration *and* Viability Detection Method using the Celigo Image Cytometry. *Cytotechnology*. 68: 2015-2025.

Cheng, Y., Nie, X., Ji, C., Lin, X., Liu, L., Chen, X., Yao, H., *and* Wu, S. (2017). Long-Term Cardiovascular Risk after Radiotherapy in Women with Breast Cancer. *JAHA*. 6 (5).

Danial, N.N. *and* Korsmeyer, S.J. (2004). Cell Death: Critical Control Points. *Cell*. 116(2): 205-219.

Decatris, M.P., Sundar, S., *and* O'Bryne, K.J. (2004). Platinum-based Chemotherapy in Metastatic Breast Cancer: Current Status. *Cancer Treat Rev*. 30: 53-81.

Derakhsan, F. *and* Reis-Filho, J.S. (2022). Pathogenesis of Triple-Negative Breast Cancer. *Ann Rev Pathol Mech Dis*, 17: 181-204.

DeSantis, C., Ma, J., Bryan, L., *and* Jemal, A. (2013). *CA Cancer J*. 64: 52-62.

DeSantis, C.E., Ma, J., Gaundet, M.M., Newman, L.A., Miller, K.D., Goding Sauer, A., *et al.* (2019). Breast Cancer Statistics. *CA Cancer J. Clin.* 69(6): 438-451.

Dexter, D.L., Kowalski, H.M., Blazar, B.A., Fligiel, Z., Vogel, R., *and* Geppner, G.H. (1978). Heterogeneity of Tumor Cells from a Single Mouse Mammary Tumor. *Cancer Res*. 59: 3174-3181.

Doll, R. *and* Peto, R. (2003). Epidemiology of Cancer. In: *Oxford Textbook of Medicine 4th Edition* (ed. Warell, D. Cox, T.M., *and* Firth, D.). New York: Oxford University Press.

Dos Santos, N.A., Martins, N.M., Curti, C., Pires Bianchi, M.L., *and* dos Santos, A.C. (2007). Dimethylthiourea Protects Against Mitochondrial Oxidative Damage Induced by Cisplatin in Liver of Rats. *Chem. Biol. Interact*. 170: 177-186.

Early Breast Cancer Trialists' Collaborative Group (EBCTCG). (2014). Effect of Radiotherapy after Mastectomy *and* Axillary Surgery on 10-Year Recurrence *and* 20-year Breast Cancer Mortality: Meta Analysis of Individual Patient Data for 8135 Women in 22 Randomised Trials. *Lancet*. 383: 2127-2135.

Early Breast Cancer Trialists' Collaborative Group (EBCTCG), Peto, R., Davies, C., Godwin, J., Gray, R., Pan, H.C., Clarke, M., Cutter, D., Darby, S., McGale, P., *et al.* (2012). Comparisons Between Different Polychemotherapy Regimens for Early Breast Cancer: Meta-analyses of Long Term Outcome Among 100,000 Women in 123 Randomized Trials. *Lancet*. 379: 432-444.

El-Garawani, I.M. *and* Hassab El-Nabi, S.E. (2016). Increased Sensitivity of Apoptosis Detection using Direct DNA Staining Method *and* Integration

of Acridine Orange as an Alternative Safer Fluorescent Dye in Agarose Gel Electrophoresis *and* Micronucleus Test. *Canadian Journal of Pure & Applied Science*. 10(2): 3865-3871.

Eliassen, A.H., Colditz, G.A., Rosner, B., Willet, W.C., *and* Hankinson, S.E. (2006). Adult Weight Change *and* Risk of Post Menopausal Breast Cancer. *JAMA*. 296(2): 193-201.

Fink, S.L. *and* Cookson, B.T. (2005). Apoptosis, Pyroptosis, *and* Necrosis: Mechanistic Description of Dead *and* Dying Eukaryotic Cells. *Infect Immun*. 73(4): 1907-1916.

Fisher, B., Wolmark, N., Bauer, M., Redmond, C., *and* Gebhardt, M. (1981). The Accuracy of Clinical Nodal Staging *and* of Limited Axillary Dissection as a Determinant of Histologic Nodal Status in Carcinoma of the Breast. *Surg Gynecol Obstet*. 152(6): 765-772.

Ghanmam, M.G. *and* Varacallo, M. (2023). Biochemistry, Polymerase Chain Reaction. Starpearls [Internet]: Starpearls Publishing.

Ghasemi, M., Turnbull, T., Sebastian, S., *and* Kempson, I. (2021). The MTT Assay: Utility, Limitations, Pitfalls, *and* Interpretation in Bulk *and* Single-Cell Analysis. *International Journal of Molecular Sciences*. 22: 1-30.

Global Burden of Cancer Study. (2022). *Cancer Today: Cancer Incidence in 2022*. https://gco.iarc.who.int/today/en/dataviz/tables?mode=cancer&key=total&group_populations=1&multiple_populations=1&sexes=2. Diakses pada tanggal 2 Mei 2024.

Hanahan, D. (2022). Hallmarks of Cancer: New Dimensions. *American Association for Cancer Research*. 12(1): 31-46.

He, M.Y., Rancoule, C., Rehailia-Blanchard, A., Espenel, S., Trone, J.C., Bernichon, E., Guillaume, E., Vallard, A., Magne, N. (2018). Radiotherapy in Triple-Negative Breast Cancer: Current Situation *and* Upcoming Strategies. *Crit Rev Oncol Hematol*. 131: 96-101.

He, Y., Zhu, Q., Chen, M., Huang, Q., Wang, W., Li, Q., Huang, Y., *&* Di, W. (2016). The changing 50% inhibitory concentration (IC₅₀) of cisplatin: A pilot study on the artifacts of the MTT assay *and* the precise measurement of density-dependent chemoresistance in ovarian cancer. *Oncotarget*. 7(43): 70803–70821.

Heer, E., Harper, A., Escandor, N., Sung, H., McCormack, V., Fidler-Benaoudia, M.M. (2020). Global Burden *and* Trends in Premenopausal *and*

- Postmenopausal Breast Cancer: a Population-Based Study. *Lancet Glob. Health.* 8(8): 1027-1037.
- Hengartner, M.O. (2000). Apoptosis: Coralling the Corpses. *Cell.* 104: 325-328.
- Higgins, M.J. and Stearns, V. (2009). Understanding Resistance to Tamoxifen in Hormone Receptor-Positive Breast Cancer. *Clini Chem.* 55(8): 1453-1455.
- Hussain, Y., Khan, H., Alsharif, K.F., Hayat Khan, A.H., Aschner, M., and Saso, L. (2022). The Therapeutic Potential of Kaemferol and Other Naturally Occuring Polyphenols might be Modulated by Nfr2-ARE Signalling Pathway: Current Status and Future Direction. *Molecules.* 27(13).
- Inic, Z., Zegarac, M., Inic, M., Markovic, I., Kozomara, Z., Djuricic, I., et al. (2014). Difference Between Luminal A and Luminal B Subtypes According to Ki-67, Tumor Size, and Progesterone Receptor Negativity Providing Prognostic Information. *Clin Med. Insight Oncol.* 8: CMO-S18006.
- Jensen, M., Engert, A., Weissinger, F., Knauf, W., Kimby, E., Poynton, C., Oloff I.A., Rummel, M.J., Osterborg, A. (2008). Phase I Study of a Novel Proapoptotic Drug Retodolac in Patients with B-Cell Chronic Lymphocytic Leukaemia. *Invest New Drugs.* 26(2): 139-149.
- Jeyaraj, E.J., Lim, Y.Y., and Choo, W.S. (2022). Antioxidant, Cytotoxic, and Antibacterial Activities of *Clitoria ternatea* Flower Extracts and Anthocyanin-rich Fraction. *Scientific Reports.* 12: 1-12.
- Karp, G. (2008). *Cell and Molecular Biology: Concepts and Experiments 5th edition.* New Jersey: Wiley and Sons.
- Kerr, J.F.R., Wyllie, A.H., and Currie, A.R. (1972). Apoptosis: a Basic Biological Phenomenon with Wide-Ranging Implications in Tissue Kinetics. *Br J Cancer.* 26: 239-257.
- Key, T.J., Appleby, P.N., Reeves, G.K., Travis, R.C., Alberg, A.J., Barricarteet, A., et al. (2013). Sex Hormones and Risk of Breast Cancer in Premenopausal Women: a Collaborative Reanalysis of Individual Participant Data from Seven Prospective Studies. *Lancet Oncol.* 14(10): 1009-1019.
- Knowles, M. and Selby, P. (2005). *Cellular and Molecular Biology of Cancer 4th Edition.* New York: Oxford University Press.
- Krishnamurti, U. and Silverman, J.F. (2014). HER2 in Breast Cancer: a Review and Update. *Adv Anat Pathol.* 21(2): 100-107.
- Kroemer, G., EL-Deiry, W.S., Golstein, P., Peter, M.E., Vaux, D., Vandenabeele, P., Zivotovskiy, B., Blagosklonny, M.V., Malorni, W., Knight, R.A., Piacentini, M., Nagata, S., and Melino, G. (2005). Classification of

CellDeath: Recommendations of the Nomenclature Committee on Cell Death. *Cell Death Differ.* 12: 1463-1467.

Kroemer, G, Galuzzi, L., and Brenner, C. (2007). Mitochondrial Membrane Permeabilisation in Cell Death. *Physiol Rev.* 87(1): 99-163.

Kumar, P. and Aggarwal, R. (2016). An Overview of Triple-Negative Breast Cancer. *Arch Obstet Gynaecol.* 293(2): 247-269.

Kumar, V., Abbas, A.K., Fausto, N., and Aster, J.C. (2010). *Robins and Cotran: Pathologic Basis of Disease 8th Edition*. Philadelphia: Saunders Elsevier.

LaCasse, E.C., Mahoney, D.J., Cheung, H.H., Plenchette, S., Baird, S., and Korneluk, R.G. (2008). IAP-Targeted Therapies for Cancer. *Oncogene.* 1010: 186-194.

Lavrik, I.N., Golks, A., and Krammer, P.H. (2005). Caspases: Pharmacological Manipulation of Cell Death. *J Clin Invest.* 115: 2665-2672.

Lelekakis, M., Moseley, J., Martin, T., Hards, D., Williams, E., Jo, P., Lowen, D., Javni, J., Miller, F., Slavin, J., and Anderson, R. (1999). A Novel Orthotopic Model of Breast Cancer Metastasis to Bone. *Clin Exp Metastasis.* 17: 163-170.

Lin, Y.C., Lin, J.F., Tsai, T.F., Chen, H.E., Chou, K.Y., Yang, S.C. *et al.* (2017). Acridine Orange Exhibits Photodamage in Human Bladder Cancer Cells Under Blue Light Exposure. *Scientific Reports.* 7(1): 14103.

Looi, C.Y., Arya, A., Cheah, F.K., Muharram, B., Leong, K.H., Mohamad, K., Wong, W.F., Rai, N., and Mustafa, M.R. (2013). Induction of Apoptosis in Human Breast Cancer Cells via Caspase Pathway by Vernodalin Isolated from *Centratherum antelminticum* (*L.*) Seeds. *Plos One.* 8(2): 1-20.

Jeyaraj, E.J., Lim, Y.Y., and Choo, W.S. (2022). Antioxidant, Cytotoxic, and Antibacterial Activities of *Clitoria ternatea* Flower Extracts and Anthocyanin-rich Fraction. *Scientific Reports.* 12: 1-12.

Karp, G. (2008). *Cell and Molecular Biology: Concepts and Experiments 5th edition*. New Jersey: Wiley and Sons.

Kerr, J.F.R., Wyllie, A.H., and Currie, A.R. (1972). Apoptosis: a Basic Biological Phenomenon with Wide-Ranging Implications in Tissue Kinetics. *Br J Cancer.* 26: 239-257.

Key, T.J., Appleby, P.N., Reeves, G.K., Travis, R.C., Alberg, A.J., Barricarteet, A., *et al.* (2013). Sex Hormones and Risk of Breast Cancer in Premenopausal

Women: a Collaborative Reanalysis of Individual Participant Data from Seven Prospective Studies. *Lancet Oncol.* 14(10): 1009-1019.

Knowles, M. and Selby, P. (2005). *Cellular and Molecular Biology of Cancer 4th Edition*. New York: Oxford University Press.

Krishnamurti, U. and Silverman, J.F. (2014). HER2 in Breast Cancer: a Review and Update. *Adv Anat Pathol.* 21(2): 100-107.

Kroemer, G., EL-Deiry, W.S., Golstein, P., Peter, M.E., Vaux, D., Vandenabeele, P., Zivotovsky, B., Blagosklonny, M.V., Malorni, W., Knight, R.A., Piacentini, M., Nagata, S., and Melino, G. (2005). Classification of Cell Death: Recommendations of the Nomenclature Committee on Cell Death. *Cell Death Differ.* 12: 1463-1467.

Kroemer, G, Galuzzi, L., and Brenner, C. (2007). Mitochondrial Membrane Permeabilisation in Cell Death. *Physiol Rev.* 87(1): 99-163.

Kumar, P. and Aggarwal, R. (2016). An Overview of Triple-Negative Breast Cancer. *Arch Obstet Gynaecol.* 293(2): 247-269.

Kumar, V., Abbas, A.K., Fausto, N., and Aster, J.C. (2010). *Robins and Cotran: Pathologic Basis of Disease 8th Edition*. Philadelphia: Saunders Elsevier.

LaCasse, E.C., Mahoney, D.J., Cheung, H.H., Plenchette, S., Baird, S., and Korneluk, R.G. (2008). IAP-Targeted Therapies for Cancer. *Oncogene.* 1010: 186-194.

Lavrik, I.N., Golks, A., and Krammer, P.H. (2005). Caspases: Pharmacological Manipulation of Cell Death. *J Clin Invest.* 115: 2665-2672.

Lelekakis, M., Moseley, J., Martin, T., Hards, D., Williams, E., Jo, P., Lowen, D., Javni, J., Miller, F., Slavin, J., and anderson, R. (1999). A Novel Orthotopic Model of Breast Cancer Metastasis to Bone. *Clin Exp Metastasis.* 17: 163-170.

Lin, Y.C., Lin, J.F., Tsai, T.F., Chen, H.E., Chou, K.Y., Yang, S.C. *et al.* (2017). Acridine Orange Exhibits Photodamage in Human Bladder Cancer Cells Under Blue Light Exposure. *Scientific Reports.* 7(1): 14103.

Looi, C.Y., Arya, A., Cheah, F.K., Muharram, B., Leong, K.H., Mohamad, K., Wong, W.F., Rai, N., and Mustafa, M.R. (2013). Induction of Apoptosis in Human Breast Cancer Cells via Caspase Pathway by Vernodalin Isolated from *Centratherum antelminticum* (L.) Seeds. *Plos One.* 8(2): 1-20.

Lopes-Coelho, F., Martins, F., Pereira, S.A., and Serpa, J. (2021). Anti-Angiogenic Therapy: Current Challenges and Future Perspectives. *Int. J. Mol. Sci.* 22: 1-6

- Lukasiewicz, S., Czezelewski, M., Forma, A., Baj, J., Sitarz, R., Stanislawek, A. (2021). Breast Cancer Epidemiology, Risk Factors, Classification, Prognostic Markers, and Current Treatment Strategies-An Updated Review. *Cancers (Basel)*. 13(17).
- Madu, C.O., Wang, S., Madu, C.O., and Yi, L. (2020). Angiogenesis in Breast Cancer Progression, Diagnosis, and Treatment. *Journal of Cancer*. 11: 4474-4494.
- Manjo, G., and Joris, I. (1995). Apoptosis, Oncosis, and Necrosis. An Overview of Cell Death. *Am J Pathol*. 146: 3-15.
- Markham, A.F. (1993). The Polymerase Chain Reaction: A Tool for Molecular Medicine. *BMJ*. 306(6875): 441-446.
- Mayrovitz, H.N. (2022). *Breast cancer*. Brisbane: Exon Publications.
- Meiliana, A., Dewi, N.M., dan Wijaya, A. (2016). Cancer Immunotherapy: a Review. *Indones Biomed J*. 8(1): 1-20.
- Mishra, S. R., Nandhakumar P, Yadav, P. K., Barik, S., Kumar, A., Saini, M., & Kataria, M. (2017). *In vitro* analysis of alizarin as novel therapeutic agent for murine breast cancer. *The Pharma Innovation Journal*. 6(10): 345-350.
- Moos, P.J. and Fitzpatrick, F.A. (1998). Taxanes Propagate Apoptosis Via Two Cell Populations with Distinctive Cytological and Molecular Traits. *Cell Growth Differ*. 9: 687-697.
- Nabholtz, J.M. and Gligorov, J. (2005). The Role of Taxanes in the Treatment of Breast Cancer. *Expert Opin Pharmacother*. 6: 1073-1094.
- Naing, N.N. (2000). Easy Way to Learn Standardization: Direct and Indirect Methods. *Malays J. Med. Sci*. 79(1): 10-15.
- Nurhayati, Arifin, Z., and Hardono. (2019). Analisis Faktor-Faktor yang Berhubungan dengan Kejadian Kanker Payudara. *Holistik J Kesehatan*. 13(2): 175-185.
- Ong, T.H.D., Yu, N., Meenashishundaram, G.K., Schaller, B., and Gupta, M. (2017). Insight into Cytotoxicity of Mg Nanocomposites using MTT Assay Technique. *Mater Sci Eng C*. 78: 647-652.
- O'Brien, M.A. and Kirby, R. (2008). Apoptosis: a Review of Pro-apoptotic and Anti-apoptotic Pathways and Dysregulation in Disease. *J Vet EMerg Crit Care*. 74: 281-286.
- Osman, H. Elsayh, D., Saadatzadeh, M.R., Pollok, K.E., Yocom, S., Hattab, E.M. *et al.* (2018). Acridine Orange as a Novel Photosensitizer

- for Photodynamic Therapy in Glioblastoma. *World Neurosurgery*. 114: 1310-1315.
- Penel, N., Adenis, A., and Bocci, G. (2012). Cyclophosphamide-based Metronomic Chemotherapy: After 10 Years of Experience, Where do We Stand and Where are We Going. *Crit Rev Oncol Hematol*. 82: 40-50.
- Pereira, J.X., dos Santos, S.N., Pereira, T.C., Cabanel, M., Chammas, R., de Oliveira, F.L., Bernardes, E.S., El-Cheikh, M.C. (2019). Galectin-3 Regulates the Expression of Tumor Glycosaminoglycans and Increase the Metastatic Potential of Breast Cancer. *Journal of Oncology*. 9827147. 1-15.
- Pizot, C., Boniol, M., Mullie, P., Koechlin, A., Boniol, M., Boyle, P., et al. (2016). Physical Activity, Hormone Replacement Therapy, and Breast Cancer Risk: a Meta-Analysis of Prospective Studies. *Eur J Cancer*. 52: 138-154.
- Pulaski, B.A. and Ostrand-Rosenberg, S. (1998). Reduction of Established Spontaneous Mammary Carcinoma Metastases Following Immunotherapy with Major Histocompatibility Complex Class II and B7.1 Cell Based Tumor Vaccines. *Cancer Res*. 58: 1486-1493.
- Pulaski, B.A., Terman, D., Khan, S., Mueller, E., and Ostrand-Rosenberg, S. (2000a). Cooperativity of *Staphylococcal aureus* enterotoxin B superantigen, Major Histocompatibility Complex Class II, and CD80 for Immunotherapy of Advanced Metastases in a Clinically Relevant Post-Operative Mouse Breast Cancer Model. *Cancer Res*. 60: 2710-2715.
- Pulaski, B.A., Clements, V.K., Pipelling, M., and Ostrand-Rosenberg, S. (2000b). Immunotherapy Combining MHC Class II and CD80 Cell-Based Vaccine with IL-12 Reduced Established Metastatic Disease and Stimulate Immune Effectors and Monokine Induced by IFN-gamma. *Cancer Immunol. Immunother*. 49: 34-45.
- Pulaski, B.A. and Ostrand-Rosenberg, S. (2000). Mouse 4T1 Breast Tumor Model. *Current Protocols in Immunology*. 20.2.1-20.2.16.
- Purdie, C.A., Quinlan, P., Jordan, L.B., Ashfield, A., Ogston, S., Dewar, J.A., et al. (2014). Progesterone Receptor Expression in an Independent Prognostic Variable in Early Breast Cancer: a Population-Based Study. *Br J. Cancer*. 110(3): 565-572
- Puspita, N. A., & Bedford, A. (2017). Morphological Changes of Cisplatin-resistant Human Breast Cancer MCF-7 Cell Line. *International Journal of Integrated Health Sciences*. 5(1): 8-14
- Qodria, L. and Nurrachmah, M.Y. (2020). Pemilihan Sel yang Tepat untuk Penelitian Kanker Payudara. *Biotrends*. 11(2).

- Ramesh, R., Munshi, A., and Panda, S.K. (1992). Polymerase Chain Reaction. *Natl Med J India*. 5(3): 115-119.
- Reed, J.C. (1997). Bcl-2 Family Proteins: Regulators of Apoptosis and Chemoresistance in Haematologic Malignancies. *Semin Haematol*. 34: 9-19,
- Rizka, A., Akbar, M.K., and Putri, N.A. (2022). Carcinoma Mammae Sinistra T4bN2M1 Metastasis Pleura. *Jurnal kedokteran dan Kesehatan Malikussaleh*. 8(1): 23-31.
- Ruddon, R.W. (2007). *Cancer Biology 4th Edition*. USA: Oxford University Press.
- Schnitt, S.J., Morran, M.S., and Giuliano, A. E. (2020). Lumpectomy Margins for Invasive Breast Cancer and Ductal Carcinoma In Situ: Current Guideline Recommendations, Their Implications, and Impact. *JCO*. 38: 2240-2245.
- Schrörs, B., Boegel, S., Albrecht, C., Bukur, T., Bukur, V., Holtsträter, C., Ritzel, C., Manninen, K., Tadmor, A.D., Vohmehr, M., Sahin, U., and Löwer, M. (2020). Multi-Omics Characterization of the 4T1 Murine Mammary Gland Tumor Model. *Frontiers in Oncology*. 10(1995): 1-14.
- Shaath, H., Elango, R., Alajez, N.M. (2021). Molecular Classification of Breast Cancer Utilizing Long Non-Coding RNA (lncRNA) Transcriptomes Identifies Novel Diagnostic lncRNA Panel for Triple-Negative Breast Cancer. *Cancers*. 13(21): 5350.
- Shen, Y., Du, L., Zheng, H., Zhang, X., Prinyawiwatkul, W., Alonso-Marenco, J.R., et al. (2016). Butterfly Pea (*Clitoria ternatea*) Seed and Petal Extracts Decreased HEP-2 Carcinoma Cell Viability. *Int J. Food Sci Technol*. 51(8): 1860-1868.
- Shivaprakash, P., Balaji, K.S., Chandrashekara, K.T., Rangapa, K.S., and Jayarama, S. (2015). Induction of Apoptosis in MCF-7 Cells by Methanolic Extract of *Clitoria ternatea* L. *Int. J. Appl. Biol. Pharm*. 6: 80-86.
- Siegel, R.L., Miller, K.D., Fuchs, H.E., and Jemal, A. (2022). Cancer Statistics. *A Cancer Journal for Clinicians*. 72(1): 7-33.
- Stephens, F.O. and Aigner, K.R. (2016). *Basics of Oncology 2nd Edition*. New York City: Springer.
- Sung, H., Ferlay, J., Siegel, R. L., Laversanne, M., Soerjomataram, I., Jemal, A., et al. (2021). Global Cancer Statistics 2020: GLOBOCAN Estimates of Incidence and Mortality World Wide for 36 Cancers in 185 Countries. *CA Cancer J. Clin*. 71(3): 209-249.

- Szegezdi, E., Fitzgerald, U., and Samali. (2003). Caspase-12 and ER Stress Mediated Apoptosis: The Story so Far. *Ann NY Acad Sci.* 55: 178-194.
- Tannock, I.F., Fizazi, K., Ivanov, S., Karlsson, C.T., Flechon, A., Skoneczna, I., Orlandi, F., Gravis, G., Matveev, V., Bavbek, S., Gil, T., Viana, L., Aren, O., Karyakin, O., Elliott, T., Birtle, A., Magherini, E., Hartteville, L., Petrylak, D., Tombal, B., Rosenthal, M., and Investigators, V. (2013). Aflibercept versus Placebo in Combination with Docetaxel and Prednisone for Treatment of Men with Metastatic Castration Resistant Prostate Cancer (VENICE): a Phase 3, Double-Blind Randomised Trial. *Lancet Oncol.* 14: 760-768.
- Traganos, F. and Darzynkiewicz, Z. (2014). Acridine Orange Coated Magnetic Nanoparticles for Nucleus Labelling and DNA Adsorption, Colloids, and Surfaces. *Biointerfaces.* 115: 150-156.
- Ude, A., Leslie, K.A., Okeke, K., dan Ogbodo, E. 2020. Trypan Blue Exclusion Assay, Neutral Red, Acridine Orange, dan Propidium Iodide. *IntechOpen.*
- Valentini, A., Pucci, D., Crispini, A., Federici, G., and Bernardini, S. (2006). Acridine Orange Based Platinum (II) Complexes Inducing Cytotoxicity and Cell Cycle Perturbation in Spite of GSTP₁ Up-Regulation. *Chemico-Biological Interactions.* 161(3): 241-250.
- Van den Brandt, P.A., Spiegelman, D., Yaun, S.S., Adami, H.O., Beeson, L., Folsom, A.R., et al. (2000). Pooled Analysis of Prospective Cohort Studies on Height, Weight, and Breast Cancer Risk. *Am J. Epidemiol.* 152(6): 514-527.
- van Tonder, A., Joubert, A. M., & Cromarty, A. D. (2015). Limitations of the 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyl-2H-tetrazolium bromide (MTT) assay when compared to three commonly used cell enumeration assays. *BMC Research Notes.* 8(1): 47
- Vaux D. and Silke, J. (2003). Mammalian Mitochondrial IAP-binding Proteins. *Biochem Biophys Res Commun.* 203: 449-504.
- Wong, R.S.Y. (2011). Apoptosis in Cancer: from Pathogenesis to Treatment. *Journal of Experimental & Clinical Cancer Research.* 30(87): 1-14.
- World Health Organization (2003). *World Cancer Report.* (ed. Stewart, B.W and Kleihues, P.). Lyon: IARC Press.
- Ziegler, U. and Groscurth, P. (2004). Morphological Features of Cell Death. *News Physiol Sci.* 19: 124-128.
- Zwolak, P., Jasinski, P., Terai, K., Gallus, N. J., Ericson, M. E., Clohisy, D. R., dan Dudek, A. Z. (2008). Addition of Receptor Tyrosine Kinase Inhibitor To Radiation Increases Tumour Control In An Orthotopic Murine Model of

Breast Cancer Metastasis in Bone. *European Journal of Cancer*. 44(16): 2506–2517.