DAFTAR PUSTAKA

Alberto B. Marinho, Ovidio Rettori, Ana Neuza Vieira-Matos, L., 2001. Body weight loss as an indicator of breast cancer recurrence. *Acta Oncologica*, *40*(7), pp.832-837..

Almansour, N., 2022. Triple-Negative Breast Cancer: A Brief Review About Epidemiology, Risk Factors, Signaling Pathways, Treatment and Role of Artificial Intelligence. *Frontiers in Molecular Biosciences*, p.32.

Arneth, B., 2019. Tumor microenvironment. *Medicina*, *56*(1), p.15.

Atiya, H.I., Dvorkin-Gheva, A., Hassell, J., Patel, S., Parker, R.L., Hartstone-Rose, A., Hodge, J., Fan, D. and Ramsdell, A.F., 2019. Intraductal adaptation of the 4T1 mouse model of breast cancer reveals effects of the epithelial microenvironment on tumor progression and metastasis. *Anticancer research*, *39*(5), pp.2277-2287.

Badea, M.A., Balas, M., Hermenean, A., Ciceu, A., Herman, H., Ionita, D. and Dinischiotu, A., 2019. Influence of matrigel on single-and multiple-spheroid cultures in breast cancer research. *Slas Discovery: Advancing Life Sciences R&D*, *24*(5), pp.563-578.

Boix-Montesinos, P., Soriano-Teruel, P.M., Arminan, A., Orzaez, M. and Vicent, M.J., 2021. The past, present, and future of breast cancer models for nanomedicine development. *Advanced drug delivery reviews*, *173*, pp.306-330.

Borri, F. and Granaglia, A., 2021, July. Pathology of triple negative breast cancer. In *Seminars in cancer biology* (Vol. 72, pp. 136-145). Academic Press.

Boucherit, N., Gorvel, L. and Olive, D., 2020. 3D tumor models and their use for the testing of immunotherapies. *Frontiers in immunology*, *11*, p.603640.

Cariati M, Bennett-Britton TM, Pinder SE, Purushotham AD. “Inflammatory” breast cancer. Surgical oncology. 2005 Nov 1;14(3):133-43.

Feldman, A.T. and Wolfe, D., 2014. Tissue processing and hematoxylin and eosin staining. In *Histopathology* (pp. 31-43). Humana Press, New York, NY.

Fontoura, J.C., Viezzer, C., Dos Santos, F.G., Ligabue, R.A., Weinlich, R., Puga, R.D., Antonow, D., Severino, P. and Bonorino, C., 2020. Comparison of 2D and 3D cell culture models for cell growth, gene expression and drug resistance. *Materials Science and Engineering: C*, *107*, p.110264.

Foty, R., 2011. A simple hanging drop cell culture protocol for generation of 3D spheroids. *JoVE (Journal of Visualized Experiments)*, (51), p.e2720.

Fouad, Y.A. and Aanei, C., 2017. Revisiting the hallmarks of cancer. *American journal of cancer research*, *7*(5), p.1016.

Gargotti, M., Lopez-Gonzalez, U., Byrne, H.J. and Casey, A., 2018. Comparative studies of cellular viability levels on 2D and 3D in vitro culture matrices. *Cytotechnology*, *70*, pp.261-273.

Ghosh, A., Sarkar, S., Banerjee, S., Behbod, F., Tawfik, O., McGregor, D., Graff, S. and Banerjee, S.K., 2018. MIND model for triple-negative breast cancer in syngeneic mice for quick and sequential progression analysis of lung metastasis. *PloS one*, *13*(5), p.e0198143.

Ganda, A., Onat, D., Demmer, R.T., Wan, E., Vittorio, T.J., Sabbah, H.N. and Colombo, P.C., 2010. Venous congestion and endothelial cell activation in acute decompensated heart failure. *Current heart failure reports*, *7*, pp.66-74..

Grover, S., Rastogi, A., Singh, J., Rajbongshi, A. and Bihari, C., 2014. Spectrum of histomorphologic findings in liver in patients with SLE: a review. *Hepatitis Research and Treatment*, *2014*..

Hayes, M.D., Ward, S., Crawford, G., Seoane, R.C., Jackson, W.D., Kipling, D., Voehringer, D., Dunn-Walters, D. and Strid, J., 2020. Inflammation-induced IgE promotes epithelial hyperplasia and tumour growth. *Elife*, *9*, p.e51862..

He, J.J., Ma, J., Elsheikha, H.M., Song, H.Q., Huang, S.Y. and Zhu, X.Q., 2016. Transcriptomic analysis of mouse liver reveals a potential hepato-enteric pathogenic mechanism in acute Toxoplasma gondii infection. *Parasites & vectors*, *9*, pp.1-13.

Holen, I., Speirs, V., Morrissey, B. and Blyth, K., 2017. In vivo models in breast cancer research: progress, challenges and future directions. *Disease models & mechanisms*, *10*(4), pp.359-371.

Hua, Z., White, J. and Zhou, J., 2021, June. Cancer stem cells in TNBC. In *Seminars in Cancer Biology*. Academic Press.

Hvid, H., Thorup, I., Oleksiewicz, M.B., Sjögren, I. and Jensen, H.E., 2011. An alternative method for preparation of tissue sections from the rat mammary gland. *Experimental and toxicologic pathology*, *63*(4), pp.317-324.

Janik, K., Popeda, M., Peciak, J., Rosiak, K., Smolarz, M., Treda, C., Rieske, P., Stoczynska-Fidelus, E. and Ksiazkiewicz, M., 2016. Efficient and simple approach to in vitro culture of primary epithelial cancer cells. *Bioscience reports*, *36*(6), p.e00423.

Jordan Robinson, M.S.E. and Haley Lassiter, B.S. 2022. Human-Derived Hydrogel in a PDX Model.

Katsuta, E., DeMasi, S.C., Terracina, K.P., Spiegel, S., Phan, G.Q., Bear, H.D. and Takabe, K., 2016. Modified breast cancer model for preclinical immunotherapy studies. *journal of surgical research*, *204*(2), pp.467-474.

Kocatürk, B. and Versteeg, H.H., 2015. Orthotopic injection of breast cancer cells into the mammary fat pad of mice to study tumor growth. *JoVE (Journal of Visualized Experiments)*, (96), p.e51967.

Kumar V, Abbas AK , Fausto N, Aster JA ; 2011; Pathologic Basis of Disease ; Saunders Elsevier; Eighth edition.

Lester SC, Hicks DG. 2016. Diagnostic pathology: breast. Elsevier Health Sciences;

Li, L. and Lu, Y., 2011. Optimizing a 3D culture system to study the interaction between epithelial breast cancer and its surrounding fibroblasts. *Journal of Cancer*, *2*, p.458.

Lu, Z., Long, Y., Li, J., Ren, K., Zhao, W., Wang, X., Xia, C., Wang, Y., Li, M., Zhang, Z. and He, Q., 2021. Simultaneous inhibition of breast cancer and its liver and lung metastasis by blocking inflammatory feed-forward loops. *Journal of Controlled Release*, *338*, pp.662-679.

Luo, M., Clouthier, S.G., Deol, Y., Liu, S., Nagrath, S., Azizi, E. and Wicha, M.S., 2015. Breast cancer stem cells: current advances and clinical implications. *Mammary Stem Cells*, pp.1-49.

Luo, X.L., Lin, L., Hu, H., Hu, F.L., Lin, Y., Luo, M.L., Wang, L. and He, Y.Q., 2020. Development and characterization of mammary intraductal (MIND) spontaneous metastasis models for triple-negative breast cancer in syngeneic mice. *Scientific reports*, *10*(1), pp.1-11.

Makki J. 2015. Diversity of breast carcinoma: histological subtypes and clinical relevance. Clinical medicine insights: Pathology. Jan;8:CPath-S31563.

Malla, R.R. and Nagaraju, G.P. eds., 2020. *A Theranostic and Precision Medicine Approach for Female-Specific Cancers*. Academic Press.

Masoumi, J., Zainodini, N., Basirjafar, P., Tavakoli, T., Zandvakili, R., Nemati, M., Ramezani, M., Rezayati, M.T., Ayoobi, F., Khademalhosseini, M. and Khorramdelazad, H., 2023. Apelin receptor antagonist boosts dendritic cell vaccine efficacy in controlling angiogenic, metastatic and apoptotic-related factors in 4T1 breast tumor-bearing mice. *Medical Oncology*, *40*(6), p.179.

McGonigle, P. and Ruggeri, B., 2014. Animal models of human disease: challenges in enabling translation. *Biochemical pharmacology*, *87*(1), pp.162-171.

Mediana, D. Liem, IK, Pawitan, JA. Ria Margiana, R. Wanandi, SI. Siregar, NC. 2015. Efek pasase terhadap karakteristik penuaan sel punca asal tali pusat manusia: tinjauan khusus pada morfologi dan ukuran sel. *Universitas Indonesia. LibUI.*

Mescher A.L.(Ed.), (2016). *Junqueira's Basic Histology: Text and Atlas, 14e*. McGraw Hill.

Mollica, P.A., Booth-Creech, E.N., Reid, J.A., Zamponi, M., Sullivan, S.M., Palmer, X.L., Sachs, P.C. and Bruno, R.D., 2019. 3D bioprinted mammary organoids and tumoroids in human mammary derived ECM hydrogels. *Acta biomaterialia*, *95*, pp.201-213.

Mondal, P., Bailey, K.L., Cartwright, S.B., Band, V. and Carlson, M.A., 2022. Large animal models of breast cancer. *Frontiers in Oncology*, *12*, p.788038.

Murayama, T. and Gotoh, N., 2019. Patient-derived xenograft models of breast cancer and their application. *Cells*, *8*(6), p.621.

Nakamura, H. 2013. Balb/c Mouse. Brenner's Encyclopedia of Genetics. Second Edition. https://doi.org/10.1016/B978-0-12-374984-0.00133-9

Narnaware, S.D., Ranjan, R., Dahiya, S.S., Panchbuddhe, A., Bajpai, D., Tuteja, F.C. and Sawal, R.K., 2021. Pathological and molecular investigations of systemic form of camelpox in naturally infected adult male dromedary camels in India. *Heliyon*, *7*(2), p.e06186.

Nigjeh, S.E., Yeap, S.K., Nordin, N., Rahman, H. and Rosli, R., 2019. In vivo antitumor effects of citral on 4T1 breast cancer cells via induction of apoptosis and downregulation of aldehyde dehydrogenase activity. *Molecules*, *24*(18), p.3241.

Noto, F.K., Arey, A., McClain, C., Zhang, W., Narla, G., Crawford, J. and Yeshi, T., 2017, July. A novel immunodeficient rat for modeling human cancer. In *Cancer*

Research (Vol. 77). 615 CHESTNUT ST, 17TH FLOOR, PHILADELPHIA, PA 19106-4404 USA: AMER ASSOC CANCER RESEARCH.

Pulaski, B.A. and Ostrand-Rosenberg, S., 2000. Mouse 4T1 breast tumor model. *Current protocols in immunology*, *39*(1), pp.20-2.

Okada, S., Vaeteewoottacharn, K. and Kariya, R., 2019. Application of highly immunocompromised mice for the establishment of patient-derived xenograft (PDX) models. *Cells*, *8*(8), p.889.

Pflug, K.M. and Sitcheran, R., 2020. Targeting NF-κB-inducing kinase (NIK) in immunity, inflammation, and cancer. *International journal of molecular sciences*, *21*(22), p.8470.

Purwanto, I., Dwiprahasto, I., Aryandono, T. and Mubarika, S., 2020. Treatment options for Indonesian triple negative breast cancer patients: a literature review of current state and potentials for future improvement. *J Med Sci*, *52*(1), pp.81-101.

Rajaratinam, H., Rasudin, N.S., Safuan, S., Abdullah, N.A., Mokhtar, N.F. and Fuad, W.E.M., 2022. Passage number of 4t1 cells influences the development of tumour and the progression of metastasis in 4t1 orthotopic mice. *The Malaysian Journal of Medical Sciences: MJMS*, *29*(3), p.30.

Riddle, R.B., Jennbacken, K., Hansson, K.M. and Harper, M.T., 2022. Endothelial inflammation and neutrophil transmigration are modulated by extracellular matrix composition in an inflammation-on-a-chip model. *Scientific Reports*, *12*(1), p.6855.

Roarty, K. and Echeverria, G.V., 2021. Laboratory models for investigating breast cancer therapy resistance and metastasis. *Frontiers in oncology*, *11*, p.645698.

Rodríguez-Tovar, L.E., Nevárez-Garza, A.M., Trejo-Chávez, A., Hernández-Martínez, C.A., Hernández-Vidal, G., Zarate-Ramos, J.J. and Castillo-Velázquez, U., 2016. Encephalitozoon cuniculi: grading the histological lesions in brain, kidney, and liver during primoinfection outbreak in rabbits. *Journal of Pathogens*, *2016*.

Samandari, M., Rafiee, L., Alipanah, F., Sanati-Nezhad, A. and Javanmard, S.H., 2021. A simple, low cost and reusable microfluidic gradient strategy and its application in modeling cancer invasion. *Scientific reports*, *11*(1), p.10310.

Schrörs, B., Boegel, S., Albrecht, C., Bukur, T., Bukur, V., Holtsträter, C., Ritzel, C., Manninen, K., Tadmor, A.D., Vormehr, M. and Sahin, U., 2020. Multi-omics characterization of the 4T1 murine mammary gland tumor model. *Frontiers in oncology*, *10*, p.1195.

St-Denis-Bissonnette, F., Khoury, R., Mediratta, K., El-Sahli, S., Wang, L. and Lavoie, J.R., 2022. Applications of Extracellular Vesicles in Triple-Negative Breast Cancer. *Cancers*, *14*(2), p.451.

Sung, H., Ferlay, J., Siegel, R.L., Laversanne, M., Soerjomataram, I., Jemal, A. and Bray, F., 2021. Global cancer statistics 2020: GLOBOCAN estimates of incidence and mortality worldwide for 36 cancers in 185 countries. *CA: a cancer journal for clinicians*, *71*(3), pp.209-249.

Takiguchi, T., Takahashi-Yanaga, F., Ishikane, S., Tetsuo, F., Hosoda, H., Arioka, M., Kitazono, T. and Sasaguri, T., 2021. Angiotensin II promotes primary tumor growth and metastasis formation of murine TNBC 4T1 cells through the fibroblasts around cancer cells. *European Journal of Pharmacology*, *909*, p.174415.

Urbano, N., Scimeca, M., Bonfiglio, R., Bonanno, E. and Schillaci, O., 2019. New advance in breast cancer pathology and imaging. *Future Oncology*, *15*(23), pp.2707-2722.

Vyas, M., Requesens, M., Nguyen, T.H., Peigney, D., Azin, M. and Demehri, S., 2022. Natural killer cells suppress cancer metastasis by eliminating circulating cancer cells. *Frontiers in Immunology*, *13*.

Werner, H. and LeRoith, D., 2022. Hallmarks of cancer: the insulin-like growth factors perspective. *Frontiers in Oncology*, *12*.

Xiao, Y. and Yu, D., 2021. Tumor microenvironment as a therapeutic target in cancer. *Pharmacology & Therapeutics*, *221*, p.107753.

Yang S, Zhang JJ, Huang XY. 2012. Mouse models for tumor metastasis. Rational Drug Design: Methods and Protocols. 221-8.

Yang, S.S., Ma, S., Dou, H., Liu, F., Zhang, S.Y., Jiang, C., Xiao, M. and Huang, Y.X., 2020. Breast cancer-derived exosomes regulate cell invasion and metastasis in breast cancer via miR-146a to activate cancer associated fibroblasts in tumor microenvironment. *Experimental cell research*, *391*(2), p.111983.

Yang L, Yong L, Zhu X, Feng Y, Fu Y, Kong D, Lu W, Zhou TY. 2020. Disease progression model of 4T1 metastatic breast cancer. Journal of pharmacokinetics and pharmacodynamics. Feb;47:105-16.

Yin, L., Duan, J.J., Bian, X.W. and Yu, S.C., 2020. Triple-negative breast cancer molecular subtyping and treatment progress. *Breast Cancer Research*, *22*(1), pp.1-13.

Yin, Y., Liu, X., Meng, Q., Han, X., Zhang, H. and Lv, Y., 2022. Idiopathic granulomatous mastitis: etiology, clinical manifestation, diagnosis and treatment. *Journal of Investigative Surgery*, *35*(3), pp.709-720.

Zeng, L., Li, W. and Chen, C.S., 2020. Breast cancer animal models and applications. *Zoological research*, *41*(5), p.477.