

DAFTAR PUSTAKA

- Almansour, N.M. 2022. Triple-Negative Breast Cancer: A Brief Review About Epidemiology, Risk Factors, Signaling Pathways, Treatment and Role of Artificial Intelligence. *Frontiers in Molecular Biosciences*. 9(836417):1-15. doi:10.3389/fmolb.2022.836417
- Arora, G., Ghosh, S., and Chatterjee, S. Understanding doxorubicin associated calcium remodeling during triple-negative breast cancer treatment: an in silico study. Exploration of Targeted Anti-tumor Therapy. 2021. 2: 208-226 doi:10.37349/etat.2021.00042
- 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 RESEARCH*. 52:1399-1405
- Cao, X., and He, Q. 2022. Ursolic acid inhibits proliferation, migration and invasion of human papillary thyroid carcinoma cells via CXCL12/CXCR4/ CXCR7 axis through cancer-associated fibroblasts. *Human and Experimental Toxicology*. 41: 1–27. doi:10.1177/09603271221111333
- Da'i, M., Suhendi, A., Meiyanto, E., Jenie, U.A., Kawaichi, M. 2017. Apoptosis Induction Effect Of Curcumin And Its Analogs Pentagamavunon-0 And Pentagamavunon-1 On Cancer Cell Lines. *Asian Journal of Pharmaceutical and Clinical Research*. 10(3):373-376. doi: 10.22159/ajpcr.2017.v10i3.16311
- Dass, S.A., Tan, K.L., Rajan, R.S., Mokhtar, N.F., Adzmi, E.R.M., Rahman, W.F.W.A., Din, T.A.D.A.T., Balakrishnan, V. 2021. Triple Negative Breast Cancer: A Review of Present and Future Diagnostic Modalities. *Medicina*. 57(62): 1-18. doi:10.3390/medicina57010062
- Dexter, D.L., Kowalski, H.M., Blazar, B.A., Fligiel, Z., Vogel, R., and Heppner, G.H. 1978. Heterogeneity of Tumor Cells from a Single Mouse Mammary Tumor. *CANCER RESEARCH*. 38:3174-3181
- El-Aziz, Y.S.A., Spillane, A.J., Jansson, P.J., and Sahni, S. 2021. Role of ABCB1 in mediating chemoresistance of triple-negative breast cancers. *Bioscience Reports*. 41(BSR20204092):1-10. doi:10.1042/BSR20204092
- Endah, E., Wulandari, F., Putri, Y., Jenie, R.I., and Meiyanto, E. 2022. Piperine Increases Pentagamavunon-1 Anti-cancer Activity on 4T1 Breast Cancer Through Mitotic Catastrophe Mechanism and Senescence with Sharing Targeting on Mitotic Regulatory Proteins. *Iranian Journal of Pharmaceutical Research*. 21(1): 1-13. doi: 10.5812/ijpr.123820
- Fanjul-Fernández, M., Folgueras, A.R., Cabrera, S., López-Otín, C. 2010. Matrix metalloproteinases: Evolution, gene regulation and functional analysis in mouse models. *Biochimica et Biophysica Acta*. 1803: 3–19. doi:10.1016/j.bbamcr.2009.07.004
- Farris, F., Matafora, V., and Bachi, A. 2021. The emerging role of β -secretases in cancer. *Journal of Experimental & Clinical Cancer Research*. 40(147):1-10
- Gajewska, B., and Sliwinska-Mosson, M. 2022. *International Journal of Molecular Sciences*. 23 (10571):1-12. doi:10.3390/ijms231810571

- Guo, W., Xu, B., Wang, X., Zheng, B., Du, J., and Liu, S. 2020. The Analysis of the Anti-Tumor Mechanism of Ursolic Acid Using Connectively Map Approach in Breast Cancer Cells Line MCF-7. *Cancer Management and Research*. 12:3469-3476.
- Hanahan. 2022. Hallmarks of Cancer: New Dimensions. *Cancer Discovery*. 12:31–46. doi: 10.1158/2159-8290.CD-21-1059
- Hasbiyani, N.A.F., Wulandari, F., Nugroho, E.P., Hermawan, A., and Meiyanto, E. 2021. Bioinformatics Analysis Confirms the Target Protein Underlying Mitotic Catastrophe of 4T1 Cells under Combinatorial Treatment of PGV-1 and Galangin. *Scientia Pharmaceutica*. 89(38):1-14 doi:10.3390/scipharm89030038
- He, Y., Liu, X., Chen, Z., Zhu, J., Xiong, Y., Li, K., Dong, J., and Li, X. 2007. Interaction between Cancer Cells and Stromal Fibroblasts Is Required for Activation of the uPAR-uPA-MMP-2 Cascade in Pancreatic Cancer Metastasis. *Clin Cancer Res*. 13(11):3115-3124. doi: 10.1158/1078-0432.CCR-06-2088
- Ikawati, M., Musyayyadah, H., Putri, Y.M., Zulfin, U.M., Wulandari, F., Putri, D.D.P., and Meiyanto, E. 2023. The Synergistic Effect of Combination of Pentagamavunone-1 with Diosmin, Galangin, and Piperine in WiDr Colon Cancer Cells: In vitro and Target Protein Prediction. *Journal of Tropical Biodiversity and Biotechnology*. 08(02):1-11. doi: 10.22146/jtbb.80975
- Ikawati, M., Utomo, R. Y., Hapsari, N. P., Meiyanto, E., Oka, C. 2024. Diosmin Enhances the Anti-migration Activity of Curcumin Analog PGV-1 on Colorectal Cancer Cells. *The Indonesian Biomedical Journal*. 16(1): 56-65. doi:10.18585/inabj.v16i1.2829
- Indrayanto, G., Putra, G.S., and Suhud, F. 2020. Validation of In-Vitro Bioassay Methods: Application in Herbal Drug Research. *Profiles of Drug Substances, Excipients, and Related Methodology*. 1-15
- Insua-Rodríguez, J., and Oskarsson, T. 2015. The Extracellular Matrix in Breast Cancer. *Advanced Drug Delivery Reviews*. 97:41-55. doi:10.1016/j.addr.2015.12.017
- Jawad, B., Poudel, L., Podgornik, R., Steinmetz, N.F., and Ching, W. 2019. Molecular Mechanism and Binding Free Energy of Doxorubicin intercalation in DNA. *Physical Chemistry Chemical Physics*. 21(7):3877-3893. doi:10.1039/c8cp06776g
- Jiang, H., and Li, H. 2021. Prognostic values of tumoral MMP2 and MMP9 overexpression in breast cancer: a systematic review and meta-analysis. *BMC Cancer*. 21(149):1-13. doi:10.1186/s12885-021-07860-2
- Kalnin, Z., Lieknin, I., Kotelovi, S., Petrovska, R., Zvinys, G., Petrosiute, A., Zubriene, A., Laugalis, M.T., Skeltona, V., Jansons, J., Kreishmane, M., Capkauskaitė, E., Matulis, D., and Tars, K. 2025. Development of 4T1 breast cancer mouse model system for preclinical carbonic anhydrase IX studies. *FEBS Open Bio*. doi:10.1002/2211-5463.70052.
- Kaur, P., Nagaraja, G.M., Zheng, H., Gizachew, D., Galukande, M., Krishnan, S., and Asea, A. 2012. A mouse model for triple-negative breast cancer tumor-

- initiating cells (TNBC-TICs) exhibits similar aggressive phenotype to the human disease. *BMC Cancer*. 12(120): 1-12. doi:10.1186/1471-2407-12-120
- Kciuk, M., Gielecinska, A., Mujwar, S., Kołat, D., Kałuzinska-Kołat, Z., Celik, I., and Kontek, R. 2023. Doxorubicin—An Agent with Multiple Mechanisms of Anticancer Activity. *Cells*. 12(659):1-30. doi:10.3390/cells12040659
- Kirkby, M., Popatia, A.M., Lavoie, J.R., and Wang, L. 2023. The Potential of Hormonal Therapies for Treatment of Triple-Negative Breast Cancer. *Cancers*. 15(4702):1-17. doi:10.3390/cancers15194702
- Laronha, H., and Caldeira, J. 2020. Structure and Function of Human Matrix Metalloproteinases. *Cells*. 9(1076):1-18. doi:10.3390/cells9051076
- Lehmann, B.D., Colaprico, A., Silva, T.C., Chen, J., An, H., Ban, Y., Huang, H., Wang, L., James, J.L., Balko, J.M. Gonzalez-Ericsson, P.I., Sanders, M.E., Zhang, B., Pietenpol, J.A., & Chen, X.S. 2021. Multi-omics analysis identifies therapeutic vulnerabilities in triple-negative breast cancer subtypes. *NATURE COMMUNICATIONS*. 12(6276):1-18. doi:10.1038/s41467-021-26502-6
- Lepucki, A., Orlinska, K., Mielczarek-Palacz, A., Kabut, J., Olczyk, P., and Komosinska-Vassev, K. 2022. The Role of Extracellular Matrix Proteins in Breast Cancer. *Journal of Clinical Medicine*. 11{1250):1-30. doi:10.3390/jcm11051250
- Lestari B., Nakamae, I., Yoneda-Kato, N., Morimoto, T., Kanaya, S., Yokoyama, T., Shionyu, M., Shirai, T., Meiyanto, E., & Kato, J. 2019. Pentagamavunon-1 (PGV-1) inhibits ROS metabolic enzymes and suppresses tumor cell growth by inducing M phase (prometaphase) arrest and cell senescence. *Scientific Reports*. 9(1):14867. doi: 10.1038/s41598-019-51244-3
- Liu, X., Li, J., Cadilha, B.L., Markota, A., Voigt, C., Huang, Z., Lin, P.P., Wang, D.D., Dai, J., Kranz, G., Krandick, A., Libl, D., Zitzelsberger, H., Zagorski, I., Braselmann, H., Pan, M., Zhu, S., Huang, Y., Niedermeyer, S., Reichel, C.A., Uhl, B., Briukhovetska, D., Suárez, J., Kobold, S., Gires, O., Wang, H. Epithelial-type systemic breast carcinoma cells with a restricted mesenchymal transition are a major source of metastasis. *Science Advances*. 5(eaav4275):1-18
- Lou, Y., Jiang, Y., Liang, Z., Liu, B., Li, T., and Zhang, D. 2021. Role of RhoC in cancer cell migration. *Cancer Cell International*. 21(527):1-16. doi:10.1186/s12935-021-02234-x
- Marcianò, G., Vocca, C., Rania, V., Citraro, R., Sarro, G.D., and Gallelli, L. 2023. Metalloproteases in Pain Generation and Persistence: A Possible Target?. *Biomolecules*. 13(268):1-24. doi:10.3390/biom13020268
- McMahon, M., Ye, S., Pedrina, J., Dlugolenski, D., and Stambas, J. 2021. Extracellular Matrix Enzymes and Immune Cell Biology. *Frontiers in Molecular Biosciences*. 8(703868):1-9 doi: 10.3389/fmolb.2021.703868
- Meiyanto, E., Husna, U., Kastian, R.F., Putri, H., Larasati, Y.A., Khumaira, A., Pamungkas, D.D.P., Jenie, R.I., Kawaichi, M., Lestari, B., Yokoyama, T., Kato, J. 2021. The Target Differences of Anti-Tumorigenesis Potential of Curcumin and its Analogues Against HER-2 Positive and Triple-Negative

- Breast Cancer Cells. *Advanced Pharmaceutical Bulletin*. 11(1): 188-196. doi: 10.34172/apb.2021.020
- Meiyanto, E., Putri, H., Larasati, Y.A., Utomo, R.Y., Jenie, R.I., Ikawati, M., Lestari, B., Yoneda-Kato, N., Nakamae, I., Kawaichi, M., Kato, J. 2019. Anti-proliferative and Anti-metastatic Potential of Curcumin Analogue, Pentagamavunon-1 (PGV-1), Toward Highly Metastatic Breast Cancer Cells in Correlation with ROS Generation. *Advanced Pharmaceutical Medicine*. 9(3): 445-452. doi: 10.15171/apb.2019.053
- Meiyanto, E., Septisetyani, E.P., Larasati, Y.A., Kawaichi, M. 2018. Curcumin Analog Pentagamavunon-1 (PGV-1) Sensitizes Widr Cells to 5-Fluorouracil through Inhibition of NF- κ B Activation. *Asian Pacific Journal of Cancer Prevention*. 19(1): 49-56. doi:10.22034/APJCP.2018.19.1.49
- Mlala, S., Oyedejii, A.O., Gondwe, M., and Oyedeji, O.O. 2019. Ursolic Acid and Its Derivatives as Bioactive Agents. *Molecules*. 24(2751):1-25 doi:10.3390/molecules24152751
- Monea, S., Lehti, K., Keski-Oja, J., and Mignatti, P. 2002. Plasmin Activates Pro-Matrix Metalloproteinase-2 With a Membrane-Type 1 Matrix Metalloproteinase-Dependent Mechanism. *JOURNAL OF CELLULAR PHYSIOLOGY*. 192:160–170. doi: 10.1002/jcp.10126.
- Musyayyadah, H., Wulandari, F., Nangimi, F., Anggraeni, A.D., Ikawati, M., Meiyanto, E. 2021. The Growth Suppression Activity of Diosmin and PGV-1 Co-Treatment on 4T1 Breast Cancer Targets Mitotic Regulatory Proteins. *Asian Pacific Journal of Cancer Prevention*. 22(9): 2929-2938 doi:10.31557/APJCP.2021.22.9.2929
- Newton, E.E., Mueller, L.E., Treadwell, S.M., Morris, C.A., and Machado, H.L. 2022. Molecular Targets of Triple-Negative Breast Cancer: Where Do We Stand?. *Cancers*. 14(482):1-15. doi:10.3390/cancers14030482
- National Library of Medicine. PubChem: Doxorubicin. 2024. <https://pubchem.ncbi.nlm.nih.gov/compound/Doxorubicin>
- National Library of Medicine. PubChem: Ursolic Acid. 2024. <https://pubchem.ncbi.nlm.nih.gov/compound/64945#section=2D-Structure>
- Newton, E.E., Mueller, L.E., Treadwell, S.M., Morris, C.A., and Machado, H.L. 2022. Molecular Targets of Triple-Negative Breast Cancer: Where Do We Stand?. *Cancers*. 14(482):1-15. doi:10.3390/cancers14030482
- Novitasari, D., Kato, J., Ikawati, M., Putri, D.D.P., Wulandari, F., Widyarini, S., Zulfin, U.M., Salsabila, D.U., Meiyanto, E. 2023. PGV-1 permanently arrests HepG2 cells in M phase and inhibits liver carcinogenesis in DMH-induced rats. *Journal of Applied Pharmaceutical Science*. 13(8): 204–211. doi:10.7324/JAPS.2023.131550
- Novitasari, D., Meiyanto, E., Kato, J., and Jenie, R.I. 2022. Antimigratory Evaluation from Curcumin-Derived Synthetic Compounds PGV-1 and CCA-1.1 on HCC1954 and MDA-MB-231 Cells. *Indonesian Journal of Cancer Chemoprevention*. 13(2): 71-82. doi:10.14499/indonesianjcanchemoprev13iss2pp71-82
- Novitasari, D; Nakamae, I; Jenie, R.I., Yoneda-Kato, N; Kato, J., Meiyanto, E. 2024. Pentagamavunone-1 inhibits aggressive breast cancer cell proliferation

- through mitotic catastrophe and ROS-mediated activities: *in vitro* and *in vivo* studies. *Saudi Pharmaceutical Journal*. 32 (101892): 1-14
- Patrick Reynolds, C., & Maurer, B. J. (2005). Evaluating response to antineoplastic drug combinations in tissue culture models. *Methods in Molecular Medicine*, vol. 110: Chemosensitivity: Vol. 1: *In vitro* Assays. Humana Press Inc., Totowa, New Jersey. 173-183.
- Piet, M., and Paduch, R. 2022. Ursolic and oleanolic acids in combination therapy inhibit migration of colon cancer cells through down-regulation of the uPA/uPAR-dependent MMPs pathway. *Chemico-Biological Interactions* 368 (110202): 1-11
- Pulaski, B.A., and Ostrand-Rosenberg, S. 2000. Mouse 4T1 Breast Tumor Model. *Current Protocols in Immunology*. 20.2.1-20.2.16. John Wiley & Sons, Inc.
- Rajaratnam, H., Rasudin, N.S., Safuan, S., Abdullah, N.A., Mokhtar, N.F., Fuad, W.E.M. 2022. Passage Number of 4T1 Cells Influences the Development of Tumour and the Progression of Metastasis in 4T1 Orthotopic Mice. *Malays J Med Sci*. 29(3):30–42. doi:10.21315/mjms2022.29.3.4
- Rahamn, F.A., Utomo, R.Y., and Ikawati M. 2025. The potency of ursolic acid as a co-chemotherapy agent for breast cancer: Bibliometric analysis and bioinformatic study. *Notulae Scientia Biologicae*. 17(1). doi:10.15835/nsb17112309
- Rajaratnam, H., Rasudin, N.S., Safuan, S., Abdullah, N.A., Mokhtar, N.F., Fuad, W.E.M. 2021. Passage Number of 4T1 Cells Influences the Development of Tumour and the Progression of Metastasis in 4T1 Orthotopic Mice. *Malaysian Journal of Medical Science*. 29(3):30–42. doi: 10.21315/mjms2022.29.3.4
- Rather, H.A.; Almousa, S.; Kumar, A.; Sharma, M.; Pennington, I.; Kim, S.; Su, Y.; He, Y.; Ghara, A.R.; Sai, K.K.S.; et al. The β -Secretase 1 Enzyme as a Novel Therapeutic Target for Prostate Cancer. *Cancers*. 16(10):1-15. doi:10.3390/cancers16010010
- Razak, N.A., Yeap, S.K., Alitheen, N.B., Ho, W.Y., Yong, C.Y., Tan, S.W., Tan, W.S., and Long, K. 2020. Eupatorin Suppressed Tumor Progression and Enhanced Immunity in a 4T1 Murine Breast Cancer Model. *Integrative Cancer Therapies*. 19: 1–13. doi:10.1177/1534735420935625
- Rifai, F.N.P., Zulfin, U.M., Tafrihani, A.S., Ikawati, M., and Meiyanto, E. 2024. Hesperidin Enhanced the Antimigratory Activity and Senescence-Mediated G2/M Arrest Effect of PGV-1 Against T47D Luminal Breast Cancer Cells. *Indonesian Journal of Pharmacy*. 35 (1): 126–137
- Rogers, G., Szomszor, M., and Adams, J. 2020. Sample size in bibliometric analysis. *Scientometrics*. 125:777–794. doi:10.1007/s11192-020-03647-7
- Sayad A, Najafi S, Hussen BM, Abdullah ST, Movahedpour A, Taheri M and Hajiesmaeili M (2022) The Emerging Roles of the β -Secretase BACE1 and the Long Non-coding RNA BACE1-AS in Human Diseases: A Focus on Neurodegenerative Diseases and Cancer. *Frontiers Aging Neuroscience*. 14(853180):1-10. doi: 10.3389/fnagi.2022.853180
- Schrörs, B., Boegel, S., Albrecht, C., Bukur, T., Bukur, V., Holtsträter, C., Ritzel, C., Manninen, K. Tadmor, A.D., Vormehr, M., Sahin, U., and Löwer, M.

2020. Multi-Omics Characterization of the 4T1 Murine Mammary Gland Tumor Model. *Frontiers in Oncology*. 10(1195):1-14 doi: 10.3389/fonc.2020.01195
- Sritharan, S., and Sivalingam, N. 2021. A comprehensive review on time-tested anticancer drug doxorubicin. *Life Sciences*. 278(119527): 1-10. doi:10.1016/j.lfs.2021.119527
- Sun, Q., Hea, M., Zhanga, M., Zenga, S., Chena, L., Zhou, L., Xua, H. 2020. Ursolic acid: A systematic review of its pharmacology, toxicity and rethink on its pharmacokinetics based on PK-PD model. *Fitoterapia*. 147(104735)::1-11. doi: 10.1016/j.fitote.2020.104735
- Trares, K., Ackermann, J., Koch, I. 2022. The canonical and non-canonical NF- κ B pathways and their crosstalk: A comparative study based on Petri nets. *BioSystems*. 211(104564). doi:10.1016/j.biosystems.2021.104564
- Ukaji, T., Lin, Y., Okada, S., Umezawa, K. 2017. Inhibition of MMP-2-mediated cellular invasion by NF- κ B inhibitor DHMEQ in 3D culture of breast carcinoma MDA-MB-231 cells: A model for early phase of metastasis. *Biochemical and Biophysical Research Communications*. 485:76-81. doi:10.1016/j.bbrc.2017.02.022
- Utomo, R.Y., Wulandari, F., Novitasari, D., Lestari, B., Susidarti, R.A., Jenie, R.I., Kato, J., Sardjiman, S., Meiyanto, E. 2021. Preparation and Cytotoxic Evaluation of PGV-1 Derivative, CCA-1.1, as a New Curcumin Analog with Improved-Physicochemical and Pharmacological Properties. *Advanced Pharmaceutical Bulletin*. 12(3):603-612. doi: 10.34172/apb.2022.063
- Wang, X., and Hong, M. 2023. Protein Kinases and Cross-talk between Post-translational Modifications in the Regulation of Drug Transporters. *Molecular Pharmacology*. 103:9-20. doi:10.1124/molpharm.122.000604
- Wu, J., Jiang, J., Chen, B., Wang, K., Tang, Y., Liang, X. 2021. Plasticity of cancer cell invasion: Patterns and mechanisms. *Translational Oncology* 14 (100899): 1-19. doi:10.1016/j.tranon.2020.100899
- Wulandari, F., Ikawati, M., Kirihata, M., Kato, J., and Meiyanto, E. Curcumin Analogs, 2021. PGV-1 and CCA-1.1 Exhibit Anti-migratory Effects and Suppress MMP9 Expression on WiDr Cells. *The Indonesian Biomedical Journal*. 13(3): 271-80. doi: 10.18585/inabj.v13i3.1583
- Wulandari, F., Ikawati, M., Widyarini, S., Kirihata, M., Novitasari, D., Kato, J., Meiyanto, E. 2023. Tumour-suppressive effect of curcumin analogs CCA-1.1 and Pentagamavunon-1 in colon cancer: In vivo and *in vitro* studies. *Journal of Advanced Pharmaceutical Technology & Research*. 14(4): 317-324. doi:10.4103/JAPTR.JAPTR_315_23
- Yamamoto, A., Doak, A.E., and Cheung, K.J. 2023. Orchestration of Collective Migration and Metastasis by Tumor Cell Clusters. *Annual Review of Pathology: Mechanisms of Disease*. 18: 231-256. doi: 10.1146/annurev-pathmechdis-031521-023557
- Yang, F., Tevesa, S.S., Kemp, C.J., and Henikoff, S. 2014. Doxorubicin, DNA torsion, and chromatin dynamics. *Biochimica Biophysica Acta*. 1845(1): 84-89. doi:10.1016/j.bbcan.2013.12.002
- piet

- Zafar, S., Khan, K., Hafeez, A., Irfan, M., Armaghan, M., Rahman, A.U., Gürer, E.S., Sharifi-Rad, J., Butnariu, M., Bagiu, I., and Bagiu, R.V. 2022. Ursolic acid: a natural modulator of signaling networks in different cancers. *Cancer Cell International*. 22(399):1-16. doi:/10.1186/s12935-022-02804-7
- Zhai, K., Huang, Z., Huang, Q., Tao, W., Fang, X., Zhang, A., Li, X., Stark, G.R., Hamilton, T.A., Bao, S. 2022. Pharmacological Inhibition of BACE1 Suppresses Glioblastoma Growth by Stimulating Macrophage Phagocytosis of Tumor Cells. *Nat Cancer*. 2(11):1136–1151. doi:10.1038/s43018-021-00267-9.
- Zhao, Y., Zheng, X., Zheng, Y., Chen Y, Fei, W., Wang, F., and Zheng C. 2021. Extracellular Matrix: Emerging Roles and Potential Therapeutic Targets for Breast Cancer. *Frontiers in Oncology*. 11(650453):1-14. doi:10.3389/fonc.2021.650453
- Zhang, Y., Ma, X., Li, H., Zhuang, J., Feng, F., Liu, L., Liu, C., and Sun, C. 2021. Identifying the Effect of Ursolic Acid Against Triple-Negative Breast Cancer: Coupling Network Pharmacology With Experiments Verification. *Frontiers Pharmacology*. 12(685773):1-17. doi: 10.3389/fphar.2021.685773
- Zheng, G., Shen, Z., Xu, A., Jiang, K., Wu, P., Yang, X., Chen, X., and Shao, J. 2017. Synergistic Chemopreventive and Therapeutic Effects of Co-drug UA-Met: Implication in Tumor Metastasis. *Journal of Agricultural and Food Chemistry*. 65(50); 10973–10983. doi: 10.1021/acs.jafc.7b04378
- Zong, L., Cheng, G., Zhao, J., Zhuang, X., Zheng, Z., Liu, Z., and Song, F. 2022. Inhibitory Effect of Ursolic Acid on the Migration and Invasion of Doxorubicin-Resistant Breast Cancer. *Molecules*. 27 (1282): 1-17. doi: 10.3390/molecules27041282