



DAFTAR PUSTAKA

- Abu-Izneid, T., Rauf, A., Shariati, M. A., Khalil, A. A., Imran, M., Rebezov, M., *et al.*, 2020. Sesquiterpenes and their derivatives-natural anticancer compounds: An update. *Pharmacological Research*, 161(June), 105165. <https://doi.org/10.1016/j.phrs.2020.105165>
- ACS, 2021. *Dimethyl sulfoxide*, Molecule of the Week Archive. Diakses dari <https://www.acs.org/content/acs/en/molecule-of-the-week/archive/d/dimethyl-sulfoxide.html#:~:text=DMSO%20is%20a%20laboratory%20and,used%20solvent%20for%20chemical%20reactions>.
- Akgul C, MCL-1 is a potential therapeutic target in multiple types of cancer. *Cell Mol Life Sci.* 2009;66(8):1326–1336.
- Alao J. P (2007). The regulation of cyclin D1 degradation: roles in cancer development and the potential for therapeutic invention. *Molecular cancer*, 6, 24. <https://doi.org/10.1186/1476-4598-6-24>
- Alfarouk, K. O., Stock, C. M., Taylor, S., Walsh, M., Muddathir, A. K., Verduzco, D., *et al* (2015). Resistance to cancer chemotherapy: failure in drug response from ADME to P-gp. *Cancer cell international*, 15, 71. <https://doi.org/10.1186/s12935-015-0221-1>
- Alvarez, D.S., Crosio, M., Wilke, N., 2021, Hopanoid Hopene Locates in the Interior of Membrans and Affects Their Properties. *Langmuir* 37, 40, 11900–11908. Diakses pada 18 Juli 2022 dari <https://doi.org/10.1021/acs.langmuir.1c02030>
- Aronson J. K (2007). Concentration-effect and dose-response relations in clinical pharmacology. *British journal of clinical pharmacology*, 63(3), 255–257. <https://doi.org/10.1111/j.1365-2125.2007.02871.x>
- Asma, S. N., Iwan D. dan Muhammad Danial. 2015. Isolasi dan Identifikasi Senyawa Metabolit Sekunder Ekstrak Kloroform Daun Tembelekan (L. camara Linn.) dan Uji Potensi Sebagai Senyawa Antibakteri Alami. *Chemica: Jurnal Ilmiah Kimia dan Pendidikan Kimia*. 16 (2): 92-102.
- Attie, A. D., & Raines, R. T (1995). Analysis of Receptor-Ligand Interactions. *Journal of chemical education*, 72(2), 119–124. <https://doi.org/10.1021/ed072p119>
- Birkinshaw, R.W., Gong, Jn., Luo, C.S. *et al.* Structures of BCL-2 in complex with venetoclax reveal the molecular basis of resistance mutations. *Nat Commun* 10, 2385 (2019). <https://doi.org/10.1038/s41467-019-10363-1>
- Blin, K., *et al.*, 2019. AntiSMASH 5.0: updates to the secondary metabolite genome mining pipeline, *Nucleic Acids Res.* 47 (2019) W81–W87.
- Britannica, T. Editors of Encyclopaedia (2019, August 15). *hydrogen bonding*. Encyclopedia Britannica. <https://www.britannica.com/science/hidrogen-bonding>
- Burry, R. 2010. *Immunocytochemistry*. Springer, New York. pp. 7–16. ISBN 978-1-4419-1304-3.



- Caenepeel, S., Brown, S.P., Belmontes, B., Moody, G., Keegan, K.S., Chui, D., 2018. AMG 176, a Selective MCL1 Inhibitor, Is Effective in Hematologic Cancer Models Alone and in Combination with Established Therapies. *Cancer Discov* 1 December 2018; 8 (12): 1582–1597. <https://doi.org/10.1158/2159-8290.CD-18-0387>
- Campbell, K. J., & Tait, S (2018). Targeting BCL-2 regulated apoptosis in cancer. *Open biology*, 8(5), 180002. <https://doi.org/10.1098/rsob.180002>
- Center for Disease Kontrol and Prevention, 2021. *Cervical cancer: Basic Information*. Diakses dari https://www.cdc.gov/cancer/cervical/basic_info/
- Chang, F.-Y. et al. 2015. Targeted metagenomics: finding rare tryptophan dimer natural products in the environment. *J. Am. Chem. Soc.* 137: 6044–6052
- Cheng X, Xu X, Chen D, Zhao F, Wang W. Therapeutic potential of targeting the Wnt/beta-catenin signaling pathway in colorectal cancer. *Biomed Pharmacother* (2019) 110:473–81. doi: 10.1016/j.biopha.2018.11.082
- Cohen, P. A., Jhingran, A., Oaknin, A., & Denny, L (2019). Cervical cancer. *The Lancet*, 393(10167), 169–182. doi:10.1016/s0140-6736(18)32470-x
- Damayanti, E., Mustofa, Widada, J., and A. Dinoto (2021a). Genome Analysis and Metabolite Profiling of Selected Indonesian *Streptomyces* Bacteria with Antiplasmodial and Anticancer Activities. *Disertasi*. Program Studi Biotehnologi, Sekolah Pascasarjana, Universitas Gadjah Mada. Tidak dipublikasikan.
- Damayanti, E., Nisa, K., Handayani, S., Dewi, R. T., Febriansah, R., Mustofa, Dinoto, A., & Widada, J (2021b). Cytotoxicity and molecular mechanism of marine-derived *Streptomyces* sp. GMY02 on human lung cancer cell line A549. *Journal of Applied Pharmaceutical Science*, 11(06), 46–55. <https://doi.org/10.7324/japs.2021.110605>
- Deng, Y., Lin, C., Zheng, J., Fu, M., Liang, X., Chen, J., et al (2000). Overexpression of BCL-2 partly inhibits apoptosis of human cervical cancer SiHa cells induced by arsenic trioxide. *Chinese medical journal*, 113(1), 84–88.
- DeVita, V. T., & Chu, E (2008). A history of cancer chemotherapy. *Cancer Research*, 68(21), 8643–8653. <https://doi.org/10.1158/0008-5472.CAN-07-6611>
- DiNardo, C.D., Jonas, B.A., Pullarkat, V., Thirman, M.J., Garcia, J.S., Wei, A.H. 2020. Azacitidine and Venetoclax in Previously Untreated Acute Myeloid Leukemia. *The new england journal of medicine*. 383(7) 617-629. DOI: 10.1056/NEJMoa2012971
- Dou, R., Qian, J., Wu, W., Zhang, Y., Yuan, Y., Guo, M., et al (2021). Suppression of steroid 5 α -reductase type I promotes cellular apoptosis and autophagy via PI3K/Akt/mTOR pathway in multiple myeloma. *Cell Death and Disease*, 12(2). <https://doi.org/10.1038/s41419-021-03510-4>
- European Society of Gynaecological Oncology, 2018. *CERVICAL CANCER GUIDELINES*. Diakses dari <https://guidelines.esgo.org/media/2018/04/Cervical-cancer-Guidelines-Complete-report.pdf>



- Farida, Y., Widada, J., & Meiyanto, E (2007). Combination methods for screening marine Actinomycetes producing potential compounds as anticancer. *Indonesian Journal of Biotechnology*, 12(2), 988–997. <https://doi.org/10.22146/ijbiotech.7772>
- Febriansah, R., Mustofa, Hertiani, T., dan Widada, J (2021). ISOLASI SENYAWA AKTIF DARI *Streptomyces* sp. GMY02 DAN UJI SITOTOKSIK PADA SEL KANKER serviks SECARA *In-vitro* DAN *In-silico*. *Desertasi*. Fakultas Kedokteran, Kesehatan Masyarakat dan Keperawatan, Universitas Gadjah Mada, YogyakartaGlobocan, 2020a, diakses dari <https://gco.iarc.fr/today/data/factsheets/populations/900-world-fact-sheets.pdf>
- FIGO Committee on Gynecologic Oncology. FIGO staging for carcinoma of the vulva, serviks, and corpus uteri. *Int J Gynaecol Obstet* 2014;125(2):97–98
- Fouad, Y. A., & Aanei, C (2017). Revisiting the *Hallmarks of cancer*. *American journal of cancer research*, 7(5), 1016–1036.
- Fowler JR, Maani EV, Jack BW. *Cervical Cancer*. [Updated 2021 Jul 7]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK431093/>
- Ghosh, A., Verma, A. K., Tingirkari, J. R., Shukla, R., & Goyal, A. (2015). Recovery and purification of oligosaccharides from copra meal by recombinant Endo- β -mannanase and deciphering molecular mechanism involved and its role as potent therapeutic agent. *Molecular Biotechnology*, 57(2), 111–127. <https://doi.org/10.1007/s12033-014-9807-4>
- Globocan, 2020a. *World - Global Cancer Observatory*. Diakses dari <https://gco.iarc.fr/today/data/factsheets/populations/900-world-fact-sheets.pdf>
- Globocan, 2020b, diakses dari <https://gco.iarc.fr/today/data/factsheets/populations/360-indonesia-fact-sheets.pdf>
- Guha, P.K. & Guha, R., 1992. Principle of extraction of solute by solvent. *J. Chem. Educ.* 69, 1, 73. <https://doi.org/10.1021/ed069p73>
- Gurram, B., Zhang, S., Li, M., Li, H., Xie, Y., Cui, H., et al (2018). Celecoxib conjugated fluorescent probe for identification and discrimination of cyclooxygenase-2 enzyme in cancer cells. *Analytical Chemistry*, 90, 5187–5193.
- Halperin, I., Ma, B., Wolfson, H., and Nussinov, R (2002). Principles of docking: an overview of search algorithms and a guide to scoring functions. *Proteins* 47, 409–443. doi: 10.1002/prot.10115
- Hanahan D., Weinberg R.A. 2011. *Hallmark of cancer*: The Next Generation. *Cell*. 144 (5): 646-674.
- Hanahan, D., & Weinberg, R.A., 2000. The *Hallmarks of cancer*. *Cell*; 100: 57–70.
- Hartanto, S., 2012. Keragaman Gen NRPS pada Isolat-isolat Aktinomisetes Laut yang Berpotensi Menghasilkan Senyawa Antikanker, *Tesis*, Universitas Gadjah Mada.



- Hashemi Goradel, N., Najafi, M., Salehi, E., Farhood, B., & Mortezaee, K (2018). Cyclooxygenase-2 in cancer: A review. *Journal of Cellular Physiology*. doi:10.1002/jcp.27411
- Hassan M, Watari H, AbuAlmaaty A, Ohba Y, Sakuragi N. 2014. *Biomed Res Int*. 2014; 2014():150845.
- Herdini, C., Hartanto, S., Mubarika, S., Hariwiyanto, B., Wijayanti, N., dan Hosoyama, A., 2015. Diversity of nonribosomal peptide synthase genes in the anticancer producing Actinomycetes isolated from marine sediment in Indonesia. *Indonesian Journal of Biotechnology*, 20(1):34-41.
- Hirsch C & Schildknecht S (2019). In Vitro Research Reproducibility: Keeping Up High Standards. *Front. Pharmacol.* 10:1484. doi: 10.3389/fphar.2019.01484
- Imaniar, N. I., 2013. Aktivitas Antivirus Metabolit Sekunder Aktinomisets Laut dan Tanah Terhadap Virus Dengue Serotype-1, *Tesis*, Program Studi Bioteknologi UGM. Widada, J., Damayanti, E., & Mustofa (2021). Complete Genome Sequence of the Marine-Derived Bacterium *Streptomyces* sp. Strain GMY02. *Microbiol Resour Announc*. 2021 Oct 7;10(40):e0068121. doi: 10.1128/MRA.00681-21. Epub 2021 Oct 7. PMID: 34617791; PMCID: PMC8496364
- Kashyap, N., Krishnan, N., Kaur, S., & Ghai, S (2019). Risk Factors of Cervical Cancer: A Case-Kontrol Study. *Asia-Pacific journal of oncology nursing*, 6(3), 308–314.
https://doi.org/10.4103/apjon.apjon_73_18
- Jana, U. K., Suryawanshi, R. K., Prajapati, B. P., & Kango, N. (2021). Prebiotic mannooligosaccharides: Synthesis, characterization and bioactive properties. *Food Chemistry*, 342(March 2020).
<https://doi.org/10.1016/j.foodchem.2020.128328>
- Kementerian Kesehatan Republik Indonesia. 2010. *Panduan Penatalaksanaan Karsinoma Serviks*. Depkes RI: Jakarta.
- Kementerian Kesehatan Republik Indonesia, 2019. *Hari Kanker Sedunia 2019*. Diakses dari <https://www.kemkes.go.id/article/view/19020100003/hari-kanker-sedunia-2019.html>
- Kern, M. A., Haugg, A. M., Koch, A. F., Schilling, T., Breuhahn, K., Walczak, H., et al (2006). Cyclooxygenase-2 inhibition induces apoptosis signaling via death receptors and mitochondria in hepatocellular carcinoma. *Cancer Research*, 66(14), 7059–7066. <https://doi.org/10.1158/0008-5472.CAN-06-0325>
- Kishan K. Patel, Amer M. Zeidan, Rory M. Shallis, Thomas Prebet, Nikolai Podoltsev, Scott F. Huntington; Cost-effectiveness of azacitidine and venetoclax in unfit patients with previously untreated acute myeloid leukemia. *Blood Adv* 2021; 5 (4): 994–1002. doi: <https://doi.org/10.1182/bloodadvances.2020003902>
- Koff JL, Ramachandiran S and Bernal-Mizrachi L. 2015. A time to kill: targeting apoptosis in cancer. *Int J Mol Sci*; 16: 2942-2955.
- Koolman, Jan. 1994. Atlas Berwarna dan Teks Biokimia. diterjemahkan oleh Septelia Inawati Wanadi Jan Koolman, Klaus-Heinrich Rohm. Jakarta: Hipokrates.



- Leisching, G., Loos, B., Botha, M. *et al.* BCL-2 confers survival in cisplatin treated cervical cancer cells: circumventing cisplatin dose-dependent toxicity and resistance. *J Transl Med* 13, 328 (2015).
<https://doi.org/10.1186/s12967-015-0689-4>
- Li P, Chen J, Miyamoto H. Androgen receptor signaling in bladder cancer. *Cancers* (2017) 9:20. doi: 10.3390/cancers9020020
- LibreTexts, 2020. *Van Der Waals Interactions*. Diakses pada 20 Juli 2022 dari <https://chem.libretexts.org/@go/page/1664>
- Lodish, H., Berk, A., Zipursky, Lawrence, S., Matsurada, P., Baltimore, D. dan Darnel, J., 2003. *Molecular Cell Biology*, 5th Edition, W.H. Freeman and Company, New York, 1054-1062.
- Lopez, J. & Tait, S.W.G., 2015. Mitochondrial apoptosis: killing cancer using the enemy within. *Br J Cancer*; 112: 957-962.
- Loreto C., La Rocca, G., Anzalone, R., Caltabiano, R., Vespasiani, G., Castorina, S., *et al* (2014), The Role of Intrinsik Pathway in Apoptosis Activation and Progression in Peyronie's Disease, *BioMed Research International*, vol. 2014, Article ID 616149, 10 pages, 2014.
<https://doi.org/10.1155/2014/616149>
- Mizzi, B., Meyer, M., Prat, L., Augier, F., Leinenkugel-le-cocq, D., "General design methodology for reactive liquid-liquid extraction: Application to dicarboxylic acid recovery in fermentation broth", *Chem. Eng. Process* (2016).
- Moradi, M., Golmohammadi, R., Najafi, A., Moosazadeh Moghaddam, M., Fasihi-Ramandi, M., & Mirnejad, R. (2022). A contemporary review on the important role of in silico approaches for managing different aspects of COVID-19 crisis. *Informatics in medicine unlocked*, 28, 100862.
<https://doi.org/10.1016/j.imu.2022.100862>
- Mustofa, Widada, J. and Damayanti, E (2020). *Laporan Akhir Penelitian Multitahun*, Riset Dasar "Potensi Senyawa Antikanker - Antiplasmodium - AntiSARS Cov-2 dari Bakteri *Streptomyces* sp. GMY02. RistekDikti. 2020.
- National Cancer Institute, 2021. *Understanding cancer*. Diakses dari <https://www.cancer.gov/about-cancer/understanding/what-is-cancer>
- National Center for Biotechnology Information (2022a). PubChem Compound Summary for CID 8058, *Hexane*. Retrieved September 4, 2022 from <https://pubchem.ncbi.nlm.nih.gov/compound/Hexane>.
- National Center for Biotechnology Information (2022b). PubChem Compound Summary for CID 887, *Methanol*. Retrieved September 4, 2022 from <https://pubchem.ncbi.nlm.nih.gov/compound/Metanol>.
- National Health Service. 2021. *Cervical cancer: Overview*. Diakses dari [https://www.nhs.uk/conditions/cervical-cancer/#:~:text=Cervical%20cancer%20is%20a%20cancer,of%20human%20papillomavirus%20\(HPV\)](https://www.nhs.uk/conditions/cervical-cancer/#:~:text=Cervical%20cancer%20is%20a%20cancer,of%20human%20papillomavirus%20(HPV)).
- Ozaki, T., & Nakagawara, A (2011). Role of p53 in Cell Death and Human Cancers. *Cancers*, 3(1), 994–1013. <https://doi.org/10.3390/cancers3010994>
- Patel, K., Panchal, N., Ingle, P., 2019. Review of Extraction Techniques: Extraction Methods: Microwave, Ultrasonic, Pressurized Fluid, Soxhlet



Extraction, Etc. *IJARCS*. 6(3), 6-21. <http://dx.doi.org/10.20431/2349-0403.0603002>

PDQ Adult Treatment Editorial Board. *Breast Cancer Treatment (PDQ®): Health Professional Version*. 2018 Feb 4. In: PDQ Cancer Information Summaries [Internet]. Bethesda (MD): National Cancer Institute (US); 2002.

Pfeffer CM, Singh ATK. Apoptosis: A Target for Anticancer Therapy. *Int J Mol Sci.* 2018 Feb 2;19(2):448. doi: 10.3390/ijms19020448. PMID: 29393886; PMCID: PMC5855670.

Pollard, T.D., Earnshaw, W.C., Lippincott-Schwartz, J., Johnson, G.T., 2017. *Cell Biology*, Third Edition, Elsevier. <https://doi.org/10.1016/B978-0-323-34126-4.00070-0>.

Pollyea, D.A., DiNardo, C.D., Arellano, M.L., Pigneux, A., Fiedler, W., Konopleva, M., et al. 2022. Impact of Venetoclax and Azacitidine in Treatment-Naïve Patients with Acute Myeloid Leukemia and IDH1/2 Mutations. *Clin Cancer Res* 1 July 2022; 28 (13): 2753–2761. <https://doi.org/10.1158/1078-0432.CCR-21-3467>

Pusat Data dan Informasi Kementerian Kesehatan Republik Indonesia, 2019. *Infodatin: Beban Kanker di Indonesia*. Kementerian Kesehatan RI: Jakarta. Diakses dari <https://pusdatin.kemkes.go.id/download.php?file=download/pusdatin/infodatin/Infodatin-Kanker-2019.pdf>

Renshaw, Simon. 2017. *Immunohistochemistry and Immunocytochemistry: Essential Methods*, Second Edition. John Wiley & Sons, Ltd. pp. 35–102.

Rivera-Franco Monica M, & Leon-Rodriguez Eucario. 2017. Delays in breast cancer detection and treatment in developing countries. *Breast Cancer*: 12, 1–5.

Royal Society of Chemistry, 2022. ChemSpider: *Hopene*. Diakses pada 18 Juli 2022 dari <http://www.chemspider.com/Chemical-Structure.83200.html>

Ruddon, R.W., 2007. *Cancer Biology*, fourth edition, Oxford University Press, New York.

Salahudeen, M. S., & Nishtala, P. S (2017). An overview of pharmacodynamic modelling, ligand-binding approach and its application in clinical practice. *SPJ*, 25(2), 165–175. <https://doi.org/10.1016/j.jsps.2016.07.002>

Salem, A.H., Tao, Z., Bueno, O.F., Chen, J., Chen, J., Edalji, R., 2021. Expanding the Repertoire for “Large Small Molecules”: Prodrug ABBV-167 Efficiently Converts to Venetoclax with Reduced Food Effect in Healthy Volunteers. *Mol Cancer Ther* 1 June 2021; 20 (6): 999–1008. <https://doi.org/10.1158/1535-7163.MCT-21-0077>

Salmaso V and Moro S (2018) Bridging Molecular Docking to Molecular Dynamics in Exploring Ligand-Protein Recognition Process: An Overview. *Front. Pharmacol.* 9:923. doi: 10.3389/fphar.2018.00923

Scherer, W.F.; Syverton, J.T.; Gey, G.O (1953). "Studies on the propagation in vitro of poliomyelitis viruses. IV. Viral multiplication in a stable strain of human malignant epithelial cells (strain HeLa) derived from an epidermoid carcinoma of the serviks". *Journal of Experimental Medicine*. 97 (5): 695–710. doi:10.1084/jem.97.5.695



- Sobolewski, C., Cerella, C., Dicato, M., Ghibelli, L., & Diederich, M (2010). The role of cyclooxygenase-2 in cell proliferation and cell death in human malignancies. *International journal of cell biology*, 2010, 215158. <https://doi.org/10.1155/2010/215158>
- Souers, A., Leverson, J., Boghaert, E. et al. ABT-199, a potent and selective BCL-2 inhibitor, achieves antitumor activity while sparing platelets. *Nat Med* **19**, 202–208 (2013). <https://doi.org/10.1038/nm.3048>
- Sun, Y., Tang, X. M., Half, E., Kuo, M. T., Sinicrope, F. A (2002). Cyclooxygenase-2 overexpression reduces apoptotic susceptibility by inhibiting the cytochrome c-dependent apoptotic pathway in human colon cancer cells. *Cancer Research*, 62(21), 6323–6328.
- Titus MA, Gregory CW, Ford OR, Schell MJ, Maygarden SJ, Mohler JL. Steroid 5alpha-reductase isozymes I and II in recurrent prostate cancer. *Clin Cancer Res* (2005) 11:4365–71. doi: 10.1158/1078-0432.CCR04-0738
- Touré, B.B., Miller-Moslin, K., Yusuff, N., Perez, L., Doré, N., Joud, C., 2013. The Role of the Acidity of N-Heteroaryl Sulfonamides as Inhibitors of BCL-2 Family Protein–Protein Interactions. *ACS Med. Chem. Lett.* 2013, 4, 2, 186–190, <https://doi.org/10.1021/ml300321d>
- Tron, A.E., Belmonte, M.A., Adam, A. et al. Discovery of MCL-1-specific inhibitor AZD5991 and preclinical activity in multiple myeloma and acute myeloid leukemia. *Nat Commun* **9**, 5341 (2018). <https://doi.org/10.1038/s41467-018-07551-w>
- Tzifi, F., Economopoulou, C., Gourgiotis, D., Ardavanis, A., Papageorgiou, S., Scorilas, A (2012). The role of BCL2 family of apoptosis regulator proteins in acute and chronic leukemias. *Advances in Hematology*, 2012. <https://doi.org/10.1155/2012/524308>
- 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, 47. <https://doi.org/10.1186/s13104-015-1000-8>
- Véronèse L, Tournilhac O, Verrelle P, Davi F, Dighiero G, Chautard E, et al. Strong correlation between VEGF and MCL-1 mRNA expression levels in B-cell chronic lymphocytic leukemia. *Leuk Res*. 2009;33(12):1623–6.
- Wang, H., Guo, M., Wei, H. et al. Targeting MCL-1 in cancer: current status and perspectives. *J Hematol Oncol* **14**, 67 (2021). Diakses dari <https://doi.org/10.1186/s13045-021-01079-1>
- Wei, R., Zhong, S., Qiao, L., Guo, M., Shao, M., Wang, S., et al (2020). Steroid 5α-Reductase Type I Induces Cell Viability and Migration via Nuclear Factor-κB/Vascular Endothelial Growth Factor Signaling Pathway in Colorectal Cancer. *Frontiers in Oncology*, 10(August), 1–13. <https://doi.org/10.3389/fonc.2020.01501>
- Wen, Q., Zhan, Y., Zheng, H. et al. Elevated expression of MCL-1 inhibits apoptosis and predicts poor prognosis in patients with surgically resected non-small cell lung cancer. *Diagn Pathol* **14**, 108 (2019). <https://doi.org/10.1186/s13000-019-0884-3>



- Werdyani, S., Wijayanti, N., Fitria, A., Rahmawati, S (2017). Cytotoxic effects of ethyl acetate fractions from secondary metabolites of *Streptomyces* sp. GMY02 on human breast cancer MCF7 cell lines. *Asian Journal of Pharmaceutical and Clinical Research*, 10(Special Issue August), 9–11. <https://doi.org/10.22159/ajpcr.2017v10s3.21351>
- Widada J, Damayanti E, Mustofa. 2021. Complete genome sequence of the marine-derived bacterium *Streptomyces* sp. strain GMY02. *Microbiol Resour Announc* 10: e00681-21. <https://doi.org/10.1128/MRA.00681-21>.
- Wong, J.-H., Ho, K.-H., Nam, S., Hsu, W.-L., Lin, C.-H., Chang, C.-M., ... Chang, W.-C (2017). Store-operated Ca²⁺ entry facilitates the lipopolysaccharide-induced cyclooxygenase-2 expression in gastric cancer cells. *Scientific Reports*, 7(1), 12813.
- Wongsiridetchai, C., Jonjaroen, V., Sawangwan, T., Charoenrat, T., & Chantorn, S. (2021). Evaluation of prebiotic mannooligosaccharides obtained from spent coffee grounds for nutraceutical application. *Lwt*, 148(February). <https://doi.org/10.1016/j.lwt.2021.111717>
- World Health Organization, 2011, *Global Cancer Facts and Figures* 2nd Ed. Atlanta: American Cancer Society Inc.
- Yaffe, D., Saxel, O. Serial passaging and differentiation of myogenic cells isolated from dystrophic mouse muscle. *Nature* 270, 725–727 (1977). <https://doi.org/10.1038/270725a0>
- Yip, K. W., & Reed, J. C (2008). BCL-2 family proteins and cancer. *Oncogene*, 27(50), 6398–6406. <https://doi.org/10.1038/onc.2008.307>
- Zaman S, Wang R, Gandhi V. 2014. *Leuk Lymphoma*. 2014 Sep; 55(9):1980-92.
- Zhuang, B., Ramanauskaitė, G., Koa, Z. Y., & Wang, Z. G (2021). Like dissolves like: A first-principles theory for predicting liquid miscibility and mixture dielectric constant. *Science advances*, 7(7), eabe7275. <https://doi.org/10.1126/sciadv.abe7275>