

DAFTAR PUSTAKA

- Ademosun O., Ganiyu Oboh, Sabina Passamonti, Federica Tramer, Lovro Ziberna. (2015). Inhibition of metalloproteinase and proteasome activities in colon cancer cells by citrus peel extracts. *J Basic Clin Physiol Pharmacol*, 26(5):471-7.
- Alaoui, K., Xiurong Li, Tamara A Ranalli, John K Cowell. (2005). WAVE3-mediated Cell Migration and Lamellipodia Formation Are Regulated Downstream of Phosphatidylinositol 3-Kinase.
- American Cancer Society. (2012) Colorectal Cancer Facts and Figures 2014 - 2016. *Am Cancer Soc*.1-25.
- American Cancer Society. (2014). Cancer facts and figures. *CA: A Cancer Journals of Clinicians*, 63(1).
- Backer, C.A. and Bakhhuizen v.d. Brink, R.C. (1965). *Flora of Java*, Vol. II. N.V.P, Noordhoff, Groningen.
- Badan POM RI. (2010). *Acuan Sediaan Herbal*. Volume V EdisiI, 112-117. Jakarta: Badan Pengawas Obat dan Makanan Republik Indonesia.
- Berridge, M. V., Herst, P. M., & Tan, A. S. (2005). Tetrazolium dyes as tools in cell biology: New insights into their cellular reduction. *Biotechnology Annual Review*, 127–152.
- Bosman FT. (1999). *Aspek-Aspek Fundamental Kanker*. Dalam : van de Velde CJH, Bosman FT, Wagener DJTh. Onkologi. Edisi 5. Alih bahasa : Yogyakarta : Gajah Mada University Press. 10-14.
- Bruton, L., Lazo, J. S., and Parker, K. L. (2005). *Goodman & Gilman's The Pharmacological Basis of Therapeutics*, 11th Edition, McGrawHill, Lange.
- CRCC. (2013). Protokol uji sitotoksik metode MTT. Cancer Chemoprevention Research Center, Fakultas Farmasi UGM, Yogyakarta.
- CRCC. (2015). Pengamatan Migrasi dengan Scratch Wound Healing Assay. Cancer Chemoprevention Research Center, Fakultas Farmasi UGM, Yogyakarta.
- Celano M., Maggisano V., De Rose RF, Bulotta S., Maiuolo J., Navarra M., Russo D. (2015). Flavonoid Fraction of Citrus Reticulata Juice Reduces

- Proliferation and Migration of Anaplastic Thyroid Carcinoma Cells. *Nutr Cancer*, 67(7):1183-90.
- Chambers AF, Groom AC, MacDonald IC. (2002). Dissemination and Growth of Cancer Cells in Metastatic Sites, *Nature Review Cancer*, 22:563-572.
- Chen, T.R., Drabkowski, D., Hay, R.J., Macy, M. and Peterson, W. Jr. (1987). WiDr is a Derivative of Another Colon Adenocarcinoma Cell Line, HT-29, *Cancer Genet Cytogenet.*, 27(1):125-34.
- Childs, A.C., Phaneuf, S.L., Dirks, A.J., Phillips, T., and Leeuwenburgh. (2002). Doxorubicin Treatment *in Vivo* Causes Cytochrome c Release and Cardiomyocyte Apoptosis, As Well As Increased Mitochondrial Efficiency, Superoxide Dismutase Activity, and Bcl-2:Bax Ratio, *Cancer Research*, 62:4592-4598.
- Depkes RI. (2007). Petunjuk Teknis Pencegahan Deteksi Dini Kanker Leher Rahim dan Kanker Payudara. Jakarta : Dirjen PPTM, Dirjen P3L.
- Diab KA. (2016). In Vitro Studies on Phytochemical Content, Antioxidant, Anticancer, Immunomodulatory, and Antigenotoxic Activities of Lemon, Grapefruit, and Mandarin Citrus Peels. *Asian Pac J Cancer Prev.*, 17(7):3559-67.
- Doyle, A., Griffiths, J.B., dan Newell, D.G. (2000). *Cell and Tissue Culture: Laboratory Procedures*, Edisi ke III. New York: John Wiley & Son. 23-24.
- Edy Meiyanto, Adam Hermawan, Anindyajati. (2012). Natural Products for Cancer-Targeted Therapy: Citrus Flavonoids as Potent Chemopreventive Agents. *Asian Pacific J Cancer Prev*, 13 427-436.
- Elna Kartawiguna. (2001). Faktor yang berperan pada karinogenesis. *J Kedokter Trisakti*, 20(1):16-26.
- Giovannetti, E., Backus, H.H.J., Wouters, D., Ferreira, C.G., van Houten, V.M.M. and Brakenhoff, R.H. (2007). Changes in the Status of p53 Affect Drug Sensitivity to Thymidylate Synthase (TS) Inhibitors by Altering TS Levels. *British J. Can.*, 96:769-775.
- Han X., Pan J., Ren D., Cheng Y., Fan P., Lou, H. (2008). Naringenin-7-O-glucoside protects against doxorubicin-induced toxicity in H9c2 cardiomyocytes by induction of endogenous antioxidant enzymes. *Food and Chemical Toxicology*, 46:3140-3146.

- Hanahan, G.S., and Weinberg, R.A. (2011). The Hallmarks of Cancer. Department of Biochemistry and Biophysics and Hormone Research Institute. *Cell*, 100(1): 57-70.
- Hirano T., K. Abe, M. Gotoh, K. Oka. (1995). Citrus flavone tangeretin inhibits leukaemic HL-60 cell growth partially through induction of apoptosis with less cytotoxicity on normal lymphocytes. *Br J Cancer*, 72(6):1380-1388.
- International Agency for Research on Cancer (IARC) / WHO. (2012). GLOBOCAN 2012: Estimated cancer incidence, mortality, and prevalence world wide in 2012.
- Kementerian Kesehatan Republik Indonesia. (2017). *Pedoman Nasional Pelayanan Kedokteran Kanker Kolorektal*. Komite Penanggulangan Kanker Nasional, Jakarta.
- Kresno SB. (2011). *Angiogenesis dan metastase*. Edisi 2:21-37. Badan Penerbit FKUI, Jakarta.
- Kumar K., Hassan Brim, Francis Giardiello, Duane T. Smoot, Mehdi Nouraie, Edward L. Lee, Hassan Ashktorab. (2010). Distinct BRAF (V600E) and KRAS Mutations in High Microsatellite Instability Sporadic Colorectal Cancer in African Americans. *Clin Cancer Res.*, 15(4): 1155–1161.
- Kurniawan, Puji., Muhtarum Yusuf. (2014). Proses Metastasis Pada Keganasan Kepala Leher. *Jurnal THT*, 37-46.
- Levrero, M., Laurenzi, V. De, Constanzo, A., Sabatini, S., Gong, J., Wang, J.Y.J. and Melino, G., 2000, The p53/p63/p73 Family of Transcription Factors: Overlapping and Distinct Functions, *Journal of Cell Science*, 113:1661-1670.
- Liang, C.C., Park, A. Y., Guan J.L. (2007). In vitro assay: a convenient and inexpensive method for analysis of cell migration in vitro. *Nat protoc.*, 2(2):329-33.
- Liu, H.C., Chen, G.G., Vlantis, A.C., Leung, B.C.S., Tong, M.C.E. and van Hasselt, C.A. (2006). 5-Fluorouracil Mediates Apoptosis and G1/S Arrest in Laryngeal Squamous Cell Carcinoma via a p53-Independent Pathway. *The Cancer Journal*, 12(6):482-493.
- Lumongga, D. F. (2008). Invasi Sel Kanker. *USU Repository*.

- Minotti, G., Menna, P., Salvatorelli, E., Cairo,G., Gianni, L. (2004). Anthracyclins: Molecular Advances and Pharmacologic Developments in Antitumor Activity and Cardiotoxicity. *Pharmacol Rev.*, 56:185-228.
- Monash University. 2010. Colorectal Cancer Database Project.
- Morley, P. J. Ferguson, and J. Koropatnick. (2007). Tangeretin and nobiletin induce G1 cell cycle arrest but not apoptosis in human breast and kolon cancer cells. *Cancer Letters* 251(1):168–178.
- Mulyanto. (2016). *Identifikasi Varietas Jeruk*. Litbang Pertanian, Kementerian Kehutanan.
- Murakami A., Nakamura Y., Torikai K., Tanaka T., Koshiba T., Koshimizu K., Kuwahara S., Takahashi Y., Ogawa K., Yano M., Tokuda H., Nishino H., Mimaki Y., Sashida Y., Kitanaka S., Ohigashi H. (2000). Inhibitory effect of citrus nobiletin on phorbol ester-induced skin inflammation, oxidative stress, and tumor promotion in mice. *Cancer Res.*, 60:5059–5066.
- National Cancer Institute. (2006). Cancer of the Colon and Rectum.
- National Cancer Institute. (2009). Understanding Cancer series.
- Nicodemus, Mohammad Andrie, Sri Luliana. (2014). Uji Efek Penyembuhan Luka Sayat Ekstrak Ikan Toman (*Channa micropeltes*) Secara Oral Pada Tikus Putih Jantan Wistar.
- Nijveldt, R.J., Nood , E.V., Hoorn, D.E.V., Boelen, P.G., Norren, K.V., and Leeuwen, P.A. (2001). Flavonoids: a review of probable mechanisms of action and potential applications. Article Review. *Am J Clin Nutr.*, 2001;74:418–25.
- Noguchi, P., Wallace, R., Johnson, J., Early, E.M., O'Brien, S. and Ferrone, S., 1979, Characterization of the WiDr: a Human Colon Carcinoma Cell Line. *In Vitro*, 15(6):401-408.
- Nugroho PA, Putri DA, Darma AP, Riyanto S, Meiyanto E (2008). Penelusuran Mekanisme Penekanan Ekspresi N-Ras Ekstrak Etanolik Kulit Jeruk Keprok (*Citrus reticulata*) Sebagai Agen Kemopreventif Docking Molekuler pada Protein Target C-SRC dan CYP1A2, Proceeding, Kongres Ilmiah XVI Ikatan Sarjana Farmasi Indonesia, 184-192. (In Indonesia)
- Nussbaum, R.L., McInnes, R.R., Willard, H.F. (2001), Thompson and Thompson Genetics in Medicine 6th ed., WB Saunders Company, Philadelphia.

- Palozza, P., Serini, S., Maggiano, N., Giuseppe, T., Navarra, P. and Ranelletti, F.O. (2005). β -Carotene Downregulates the Steady-State and Heregulin-a-Induced COX-2 Pathways in Colon Cancer Cells, *J.Nutr.*, 135:129-136.
- Pan MH, Chen WJ, Lin-Shiau SY, Ho CT, Lin JK. (2002). Tangeretin induces cell-cycle G1 arrest through inhibiting cyclin-dependent kinases 2 and 4 activities as well as elevating Cdk inhibitors p21 and p27 in human colorectal carcinoma cells. *Carcinogenesis*, 23(10), 1677-1684.
- Prayong P., Barusrux S. and Weerapreeyakul N. (2008). Cytotoxic activity screening of some indigenous Thai plants. *Fitoterapia*, 79 (7-8), 598–601.
- Price SA, Wilson LM. (2006). *Patofisiologi: Konsep Klinis Proses-Proses Penyakit*. 6nd ed. Jakarta: EGC.
- Purwaningsih E., Widayanti E. and Suciati Y. (2014). Cytotoxicity assay of Typhonium flagelliforme Lodd against breast and cervical cancer cells. 33 (2): 75–82.
- Putri DA, Nugroho PA, Darma AP. (2008). Potensi Kemopreventif Ekstrak Etanolik Kulit Jeruk Keprok (*Citrus reticulata*) pada Sel Kanker Hepar Tikus Galur Sprague Dawley Terinduksi 7, 12-Dimetilbenz[A]antrasena Melalui Penekanan Ekspresi c-Myc, Proceeding, Kongres Ilmiah XVI Ikatan Sarjana Farmasi Indonesia, 75-80 (In Indonesia)
- Rachman A., Nabila Hasan. (2016). Giant Condyloma Acuminata in Indonesian Females with SLE under Immunosuppressant and Steroid Therapy. *Case reports in immunology*.
- Rahardi, Yovita H. I., Haryono.(1999). *Agribisnis Tanaman Buah*. Jakarta: Penebar Swadaya.
- Rawson, N. E., Ho, C.-T., & Li, S. (2014). Efficacious anti-cancer property of flavonoids from citrus peels. *Food Science and Human Wellness*, 3(3-4), 104–109.
- Robbins, Kumar C. (2007). *Buku Ajar Patologi*. Volume 2. In: Crawford James M, Kumar Vinary. *Rongga Mulut dan Saluran Gastrointestinal*. Jakarta: EGC.
- Sato T., Leona Koike, Yoshiki Miyata. (2002). Inhibition of activator protein-1 binding activity and phosphatidylinositol 3-kinase pathway by nobiletin, a polymethoxy flavonoid, results in augmentation of tissue inhibitor of metalloproteinases-1 production and suppression of production of matrix metalloproteinases-1 and -9 in human fibrosarcoma HT-1080 cells. *American Association for Cancer Research*, 62:1025-1029.

- Sigmond, J., Backus, H.H., Wouters, D., Temmink, O.H., Jansen, G. and Peters, G.J. (2003). Induction of Resistance to the Multitargeted Antifolate Pemetrexed (ALIMTA) in WiDr Human Colon Cancer Cells is Associated with Thymidilate Synthase Overexpression, *Biochem. Pharmacol.*, 66(3): 431-438.
- Stewart SL, Wike JM, Kato I, Lewis DR, Michaud F. (2006). A Population-based Study of Colorectal Cancer Histology in The United States, 1998-2001. *Cancer*, 107(1):1128-1141.
- Taylor, J.C., Kendall, C.A., Stone, N. and Cook, T.A. (2007) Optical Adjuncts for Enhanced Colonoscopic Diagnosis. *British Journal of Surgery* 94, 6-16.
- Tussanti I. and Johan A. (2014). Sitotoksitas in vitro ekstrak etanolik buah parijoto (*Medinilla speciosa*, reinw. ex bl.) terhadap sel kanker payudara T47D, *Jurnal Gizi Indonesia*, 2 (2), 53– 58.
- Van Steenis, C. G. G. J. (1975). *Flora untuk Sekolah di Indonesia*. Jakarta: Pradnya Paramita.
- World Health Organization. (2013). International Agency Research for Research on Cancer. Latest world cancer statistics Global cancer burden rises to 14.1 million new cases in 2012: Marked increase in breast cancers must be addressed. IARC.
- Wirtz D., Konstantinos Konstantopoulos, Peter C. Searson. (2011). The physics of cancer: the role of physical interactions and mechanical forces in metastasis. *Nat Rev Cancer*, 11(7):512-22.
- Yamaguchi, H., dan Condeelis, J. (2007). Regulation of the Actin Cytoskeleton In Cancer Cell Migration and Invasion. *Biochimica et Biophysica Acta*, 1773 642–652
- Zhang Shu-fen, MA Bing-lun, Zheng Da-wei, Dai Qian-huan. (2004). Qualitative Analysis of Polymethoxylated Flavones in Citrus Peels by LC - APCI - MS. *Journal of Instrumental Analysis*.
- Zhizhong P. (2008). *Kanker usus besar*. Dalam: Desen W, editor. Buku ajar onkologis klinis. Edisi ke-2. Jakarta: Balai Penerbit Fakultas Kedokteran Universitas Indonesia.