

DAFTAR PUSTAKA

- A, Budiono. 2000. Teknik Aseptik dan Upaya Mencegah Kumaminisasi Pada Kultur Jaringan. Modul Pelatihan Dosen Universitas Bogor
- Abdel-Hameed, E.-S.S., Bazaid, S.A., Shohayeb, M. M., El-Sayed, M. M., & El-Wakil, E. A. (2012). Phytochemical Studies and Evaluation of Antioxidant, Anticancer, and Antimicrobial Properties of *Conocarpus erectus* L. Growing in Taif, Saudi Arabia. *European Journal of Medicinal Plants*, vol.2, no.2, pp.93-112.
- Achmad, H., Supriatno, Marhamah, & Rasmidar, (2014). Aktivitas antikanker dan antiproliferasi fraksi etanol sarang semut (*Myrmecodia pendans*) pada sel kanker lidah manusia SP-C1. *Dentofasial Journal*, vol.13, no.1, pp.1-6.
- Ahmad, I., & Lestari, R. (2011). Isolasi Antioksidan Tumbuhan Sarang Semut (*Myrmecodia pendens* Merr. & Perry) Asal Papua. *J.Trop. Pharmacy*, vol.1, no.3, pp.196-201.
- Arhoghro, E. M., & Kpomah, E. D. (2012). Curative Potential of Aqueous Extract of Lemon Grass (*Cymbopogon Citratus*) on Cisplatin Induced Hepatotoxicity in Albino Wistar Rats. *ScopeMed*, vol.2, no.8, pp.282-294.
- Arifianti, L., Oktarina, R. D., & Kusumawati, I. (2014). Pengaruh Jenis Pelarut Pengekstraksi Terhadap Kadar Sinensetin Dalam Ekstrak Daun *Orthosiphon stamineus* Benth. *E-Journal Planta Husada*, vol.2, no.1, pp.1-4.
- Bashari, M. H., Hidayat, S., Ruswandi, Y. A., Putri, T., Qomarilla, N., Dwiwina, R. G., et al. (2018). The N-Hexane Fraction Of *Myrmecodia Pendens* Inhibits Cell Survival and Proliferation in Colon Cancer Cell Line. *International Journal of Pharmacy and Pharmaceutical Sciences*, vol.10, no.1, pp.108-112.
- Bellan, C., Stefano, L., Giulia, D. F., Rogena, E. A., & Lorenzo, L. (2010). *Burkitt Lymphoma* Versus Diffuse Large B-cell Lymphoma : A Practical Approach. *Hematological Oncology* , vol.28, no.2, pp.53-56.
- CCRC. (2013). *Cancer Chemoprevention Research Center*. Diakses dari Cancer Chemoprevention Research Center.
- Chabay, P., & Preciado, M. V. (2016). Epidemiology of *Epstein-Barr virus*-associated pediatric lymphoma. *Elsevier*, vol.73, no.1, pp.47-54.

- Crisnaningtyas, F., & Rachmadi, A. T. (2010). Pemanfaatan Sarang Semut (*Myrmecodia pendans*) Asal Kalimantan Selatan Sebagai Antibakteri. *Jurnal Riset Industri Hasil Hutan*, vol.2, no.2, pp.31-35.
- D. R. (2000). *Parameter Standar Umum Ektrak Tumbuhan Obat* (1th Edition ed.). Jakarta: Direktorat Jenderal Pengawasan Obat dan Makanan.
- Darma, A. P., Ashari, R. A., Nugroho, P. A., Monikawati, A., Fauzi, I. A., Hermawan, A., et al. (2009). Aktivitas Sitotoksik Ekstrak Etanolik Herba Ciplukan (*Physalis angulata L.*) Pada Sel Kanker Leher Rahim HeLa Melalui Modulasi Ekspresi Protein p53, vol.1, no.2, pp.1-10.
- Dejean, A., Grangier, J., Leroy, C., & Orivel, J. (2009). Predation and Aggressiveness in Host Plant Protection: A Generalization Using Ants from Genus *Azteca*. *Springer-Verlag* , vol.96, no.1, pp.57-63.
- Dharmayanti, I. (2003). Kajian Biologi Molekuler: Gen Suppressor Tumor (p53) Sebagai Target Gen dalam Pengobatan Kanker. *Wartazoa* , vol.13, no.3, pp. 99-107.
- Djati, M.S. 2006. Teknologi Manipulasi dan Kultur Sel Jaringan Hewan. Malang: UB Press.
- Dona, R., Sulistyani, N., & Nurani, L. H. (2016). Uji Sitotoksitas dan Antiproliferatif Ekstrak Etanol Daun Leunca (*Solanum nigrum L.*) terhadap Sel Raji. *Pharmaciana*, pp. 1-10.
- Doyle, A., & Griffiths, J. B. (2000). *Cell and Tissue Culture for Medical Research*. New York: John Wiley and Sons.
- E. S.S., . A., S.A, B., M.M, S., M.M, E.-S., & E.A, E.-W. (2012). Phytochemical Studies and Evaluation of Antioxidant , Anticancer and Antimicrobial. *European Journal of Medicinal Plants* .
- Engida, A. M., Kasim, N. S., Tsigie, Y. A., Ismadji, S., Huynh, L. H., & Ju, Y.-H. (2012). Extraction, identification and quantitative HPLC analysis of flavonoids from sarang semut (*Myrmecodia pendans*). *Elseiver* , vol.41, pp.392-396.
- Eroschenko, V. P. (2013). *Difiore's Atlas of Histology With Functional Correlations* (12th ed.). Moscow , Idaho: EGC.
- Evan, G. I., & Vousdent, K. H. (2001). Proliferation, Cell Cycle and Apoptosis. *Macmillan Magazines Ltd*, vol.411, pp.342-438.

- Fadlila, W. N., Yuliawati, K. M., & Syafnir, L. (2015). Identifikasi Senyawa Aktif Antibakteri dengan Metode Bioautografi Klt terhadap Ekstrak Etanol Tangkai Daun Talas (*Colocasia esculenta* (L.) Schott) . *Prosiding Penelitian Sivitas Akademi Unisba (Kesehatan dan Farmasi)* , vol.1, no.2, pp.583-590.
- Frengki, & Roslizawaty. (2014). Uji Toksisitas Ekstrak Etanol Sarang Semut Lokal Aceh. *Jurnal Medika Veterinaria*, vol.8, pp.60-62.
- Fujin, C., & Desen, W. (2011). *Buku Ajar Onkologi Klinis*. Jakarta: Penerbit FKUI.
- Gibco. (2016). Cell Morphology. In *Cell Culture Basics Handbook* (p. 22). Thermo Fisher Scientific.
- Gilson. (2018). Guide to Pippeting, Handbook (3th Edition), (p. 32-33).
- God, J. M., & Haque, A. (2010). *Burkitt's Lymphoma : Pathogenesis and Immune Evasion*. Hindawi Publishing Corporation: *Journal of Oncology* ,vol. 2010, pp.1-14.
- Gonzalez-Teuber, M., & Heil, M. (2010). *Pseudomyrmex* Ants and *Acacia* Host Plants Join Efforts to Protect Their Mutualism from Microbial Threats. *Landes Bioscience* , vol.5, no.7, pp.890-892.
- Guyton, A. C., & Hall, J. E. (2012). *Textbook of Medical Physiology* (9th Edition ed.). Philadelphia, Pennsylvania: EGC.
- Harborne, J. B. (2006). *Metode Fitokimia*. Bandung: Penerbit ITB Bandung.
- Hausman, R., & Cooper, G. (2004). *The Cell : A Molecular Approach*. ASM Press and Sinauer Associates Incorporation.
- Heil, M., Orona-Tamayo, D., Eilmus, S., Kautz, S., & Gonzalez-Teuber, M. (2010). Chemical Communication and Coevolution in An Ant–Plant Mutualism. *Chemoecology* , vol.20, pp.63-74.
- Hertiani, T., Sasmito, E., Sumardi, & Ulfah, M. (2010). Preliminary Study on Immunomodulatory Effect of Sarang-Semut Tubers *Myrmecodia tuberosa* and *Myrmecodia pendans*. *Online Journal Biological of Sciences* , vol.10, no.3, pp.136-141.
- Houghton, P. J., & Raman, A. (1998). *Laboratory Handbook for the Fractination of Natural Extracts*. Springer Science Business Media, B.V.

- Humaryanto, & Shahib, M. N. (2016). Pengaruh Aktivitas Siklus Sel pada Fase G2-M Terhadap Progresivitas Sarkoma Jaringan Lunak Melalui Pengukuran Ekspresi mRNA Gen AURKA dan ASCL2. *Jurnal Penelitian Universitas Jambi Seri Sains*, vol.18, pp.80-90.
- Kiple, K. F. (2003). *The Cambridge Historical Dictionary of Disease*. Cambridge University Press.
- Kirana, L. A. (2016). Dukungan Sosial dan Resiliensi pada Pasien Kanker Payudara (Studi Kasus pada Pasien Kanker Payudara yang Sedang Menjalani Kemoterapi). pp.829-837.
- Kroemer, G., Galuzzi, L., Vandenabeele, P., Abrams, J., Alnemri, E., & Baehrecke, E. (2009). Classification of Cell Death: Recommendations of the Nomenclature Committee on Cell Death 2009. *Cell Death and Differentiation* , pp.3-11.
- Kumar, V., Cotran, R. S., & Robbins, S. L. (2003). *Robbins Buku Ajar Ptologi* (7th Edition ed.). New York, USA: EGC.
- Leppong, H., & Bahrin, U. (2011). Pengaruh (Efek) Kemoterapi Terhadap Kerja (Aktivitas) Enzim Trasnminase pada Penderita Kanker Payudara. *Indonesian Journal of Clinical Pathology and Medical Laboratory* , pp.107-109.
- Mahfur. (2012). Uji Sitotoksik Fraksi Etil Asetat Ekstrak Etanol Akar Pasak Bumi (*eurycoma longifolia jack*) Terhadap Sel Kanker T47D dengan Metode 3-(4,5 dimetiltiazol -2-il)- 2,5 difenil tetrazolium bromide (MTT), pp.57-63.
- Mardany, M. P., Chrystomo, L. Y., & Karim, A. K. (2016). Skrining Fitokimia dan Uji Aktivitas Sitotoksik dari Tumbuhan Sarang Semut (*Myrmecodia beccarii Hook.f.*) Asal Kabupaten Merauke. *Jurnal Biologi Papua*, vol.8, no.1, pp.13-22.
- Meiyanto, E., Susidarti, R. A., Handayani, S., & Rahmi, F. (2008). Ekstrak Etanolik Biji Buah Pinang (*Arececa catechu L.*) Mampu Menghambat Proliferasi dan Memacu Apoptosis sel MCF-7. *Majalah Farmasi Indonesia*, vol.19, no.1, pp.12-19.
- Meiyanto. (2009). Prosedur Tetap Pengamatan Ekspresi Protein dengan Metode Imunohistokimia. *CCRC* .

- Mengko, S. K., & Surarso, B. (2009). Patogenesis Limfoma Non Hodgkin Ekstra Nodal Kepala dan Leher. *Jurnal THT-KL*, 2, pp.32-47.
- Merloo, J. v., Kaspers, G. J., & Cloos, J. (2011). Cell Sensitivity Assays : The MTT Assay. *Springer- Science + Business Media* .
- Meyer, B. N., Ferrigni, N. R., Putnam, J. E., Jacobsen, L. B., Nichols, D.E., & Mclaughlin, J. L (1982). Brine Shrimp: A Convenient General Bioassay for Active Plant Constituents. *Journal of Medicinal Plant Research Planta Medica*, vol.45, pp.31-34.
- Miller, T. A., Witter, D. J., & Belvedere, S. (2003). Histone Deacetylase Inhibitors. *Journal of Medicinal Chemistry* , pp.5097-5116.
- Molyneux, E. M., Rochford, R., Griffin, B., Newton, R., Jackson, G., Menon, G., et al. (2012). Burkitt's Lymphoma. *Lancet* , vol.379, no.9822, pp.1234-1244.
- Muhammad, A. (2017). *Sarang Semut dan Buah Merah Pembasmi Ragam Penyakit Ganas*, Laksana Publish.
- Murray, R. K., Bender, D. A., Botham, K. M., Kennelly, P. J., Rodwell, V. W., & Weil, P. A. (2012). *Harper's Illustrated Biochemistry* (29thed.). (R. Soeharsono, F. Sandra, & H. O. Ong, Eds.) EGC.
- Murti, K. (2015). *Burkitt's Lymphoma*. *Jurnal Kedokteran dan Kesehatan* , vol.2, no.2, pp.150-156.
- Noviar, D. (2014). Aktivitas Antikanker dari Ekstrak Kasar Saponin Asal Akar Alang-Alang (*Imperata cylindarata*). FMIPA. Pontianak : Universitas Tanjungpura.
- Nurhayati, S., & Lusiyanti, Y. (2006). Apoptosis dan Respon Biologi Sel Sebagai Faktor Prognosa Radioterapi Kanker. *Iptek Ilmiah Populer* , vol.7, no.3, pp.57-56.
- Panigoro, S. S. (2014). Strategic Plan for Development of Indonesia's National Cancer Center, The Case Study. *Jurnal ARSI*, vol.1, pp.11-18.
- Parsa, N. (2012). Environmental Factors Inducing Human Cancers. *Iranian J Public Health*, vol.41 no.11, pp.1-9.
- Porth, C. M. (2007). *Essentials of Pathophysiology*. Lippincott Williams and Wilkins.

- Pratiwi, L., Fudholi, A., Martien, R., & Pramono, S. (2016). Ekstrak etanol, Ekstrak etil asetat, Fraksi etil asetat, dan Fraksi n-heksan Kulit Manggis (*Garcinia mangostana* L.) Sebagai Sumber Zat Bioaktif Penangkal Radikal Bebas. *Journal of Pharmaceutical Science and Clinical Research* , vol.1, pp.71-82.
- Regezi, J. A., Sciubba, J. J., & Jordan, R. C. (2017). *Oral Pathology :Clinical Pathologic Correlations*. St. Louis, Missouri: Elseiver.
- Roslizawaty, F., & Pertiwi, D. (2014). Uji Toksisitas Ekstrak Etanol Sarang Semut Lokal Aceh (*Myrmecodia* sp.) dengan Metode BSLT Terhadap Larva Udang Artemi salina Leach. *Jurnal Medika Veterinaria* , vol.8, no.1, pp.60-62.
- Saifuddin, A. (2014). *Senyawa Alam Metabolit Sekunder : Teori, Konsep, dan Teknik Pemurnian*. Yogyakarta: Deepublish.
- Salimi, Y. K., & Zakaria, F. R. (2012). Penghambatan Ekstrak Sorgum (*Sorghum bicolor*) Terhadap Proliferasi Sel Kanker Limfoma. *Sainstek* , pp.1-8.
- Sarker, S. D., Latif, Z., & Gray, A. I. (2006). *Natural Products Isolation* (2nd Edition ed.). Totowa, New Jersey: Humana Press.
- Setiawan, N. C., & Febriyanti, A. (2017). Aktivitas Antioksidan Ekstrak Etanol dan Fraksi-Fraksi Umbi *Eleutherine palmifolia* (L.) Merr dengan Metode DPPH. *Journal of Current Pharmaceutical Sciences*, vol.1, no.1, pp.1-5.
- Sherwood, L. (2013). *Fisiologi Manusia: Dari Sel ke Sistem* (8th ed.). Penerbit Buku kedokteran : EGC.
- Siegel, R. L., & Miller, K. D. (2017). Cancer Statistics. *CA Cancer Journal Clinical* , vol.67, no.1, pp.7-30.
- Simanjuntak, P., Fanny, & Subroto, M. A. (2010). Isolasi Senyawa Aktif dari Ekstrak Hipokotil Sarang Semut (*Myrmecodia pendans* Merr. & Perry) sebagai Penghambat Xantinoksidase. *Jurnal Ilmu Kefarmasian Indonesia*, vol.8, no.1, pp.49-54.
- Soeskmanto, A., Subroto, M., Wijaya, H., & Simanjuntak, P. (2010). Anticancer Activity Test for Extracts of Sarang Semut Plant (*Myrmecodia pendans*) to HeLa dan MCM-B2 Cells. *Pakistan Journal of Biological Sciences* , vol.13, no.3, pp.148-151.

- Springer, Nature. (2018). (Macmillan Publishers Limited, part of Springer Nature) Diakses 28 April, 2018, dari Springer Nature: <https://www.nature.com/subjects/cell-proliferation>
- Sudhakar, A. (2009). History of Cancer, Ancient and Modern Treatment Methods. *NIH public access* .
- Sudiono, J., & Oka, C. T. (2015). The Scientific Base of *Myrmecodia pendans* as Herbal Remedies. *British Journal of Medicine & Medical Research* , vol.8, no.3, pp.230-237.
- Sudoyo, A. W., Setiyohadi, B., Alwi, I., K, M. S., & Setiati, S. (2006). *Buku ajar Ilmu Penyakit Dalam* (4thed.). Jakarta Pusat, Indonesia: Pusat Penerbitan Ilmu Penyakit Dalamn Fakultas Kedokteran Universitas Indonesia.
- Sultan, K. B. (2018). *Khaled bin Sultan Living Oceans Foundation*. Diakses 9 Agustus, 2018, from Living Oceans Foundation: <https://www.livingoceansfoundation.org/education/portal/course/life-cycle/figure-6-3/>
- Syarief, H. (2017). Penerapan Akupresur pada Titik P6 dan ST36 Untuk Menurunkan Mual dan Muntah Akibat Kemoterapi pada Pasien Kanker Nasofaring. *Idea Nursing Journal* , pp.99-107.
- Syrigos, K. N., Karachalios, D., Karapanagiotou, E. M., Nutting, C. M., Manolopoulos, L., & Harrington, K. J. (2009). Head and Neck Cancer in Elderly: An Overview on The Treatment Modalities. *Elsevier: Cancer Treatments Review* , pp.237-345.
- Trubus Swadaya. (2016). *Herbal Praktis Berkhasiat : My Healthy Life* (1th ed.). Cimanggis, Depok : PT Trubus Swadaya.
- Tomasetti, C., Li, L., & Vogelstein, B. (2017). Stem Cell Divisions, Somatic Mutations, Cancer Etiology and Cancer Prevention. *Sciences AAAS*, vol.355, no.5331, pp.1330-1334.
- Wargasetia, T. L. (2016). Peran Gen p63 dalam Regulasi Proliferasi Sel. *ResearchGate* , vol.7, no.2, pp.1-7.
- Weerapreeyakul, N., Nonpunya, A., Barusrux, S., Thitimetharoch, T., Sripanidkulchai, B. (2012). Evaluation of The Anticancer Potential of Six Herbs Against a Hepatoma *Cell Line*. *Chinese Medicine*, vol.7, no.15, pp.1-7.

Whitten, J. (2012). Burkitt's Lymphoma: Case Review. *Pathology Case Review*, vol.17, no.2, pp.9-83.

WHO. (2011). Diakses 29 Maret, 2018, : <https://www.cancer.net/cancer-types>.

Yamamoto, E., Shibuya, H., Yoshimura, R. -i., & Miura, M. (2002). Site Specific Dependency of Second Primary Cancer in Early Stage Head and Neck Squamous Cell Carcinoma. *AmericanCancer Society*, vol .94, no.7, pp.2007-2014.