

DAFTAR PUSTAKA

- Abdulrahman, A., Utami, S.R., Widia, W., Roanisca, O., (2021) Kajian Metabolit Sekunder Batang Bajakah (*Spatholobus Littoralis* Hassk.) Dalam Pengembangan Sebagai Obat Herbal Antikanker Payudara Dan Antioksidan, *Proc Nat Colloquium Res Com Serv*, 5: 46-49.
- Abotaleb, M., Liskova, A., Kubatka, P., Büsselberg, D., (2020) Therapeutic potential of plant phenolic acids in the treatment of cancer, *J Biomol*, 10(2): 1-22.
- Adi, P., Sandi, N. F., (2017) Pengaruh ekstrak etanol kulit jeruk nipis (*citrus aurantifolia*) terhadap jumlah IL-6 pada gingiva tikus yang diinduksi *actinobacillus actinomycetemcomitans*. *J Dent*, 1(1): 15-23.
- Aisyah, R., Mahmudah, N., Risanti, E. D., (2019) *Biologi Molekuler*, Yogyakarta: Muhammadiyah University Press, pp. 103, 106.
- Aliviyanti, R. U. Y., Sudibyo, R. S., Murwanti, R. (2021) Efek Sitotoksik Beberapa Akar Bajakah Kalimantan Terhadap Sel Kanker Payudara T47D. *J Penelitian Saintek*, 26(2):31-140
- Almangush, A., Heikkinen, I., Mäkitie, A.A., Coletta, R.D., Läärä, E., Leivo, I., Salo, T., (2017) Prognostic biomarkers for oral tongue squamous cell carcinoma: a systematic review and meta-analysis, *Brit J Can*, 117(6): 856-866.
- Amado, N. G., Predes, D., Moreno, M. M., Carvalho, I. O., Mendes, F. A., Abreu, J. G., (2014) Flavonoids and Wnt/ β -catenin signaling: potential role in colorectal cancer therapies., *Int J Mol Sci*, 15(7): 12094-12106.
- Arunachalam, S.S., Shetty, A.P., Panniyadi, N., Meena, C., Kumari, J., Rani, B., Das, P., Kumari, S., (2021) Study on knowledge of chemotherapy & adverse effects and their self-care ability to manage-The cancer survivors' impact, *Clin Epid Glob Health*, 11: 100765.
- Ayuchecaria, N., Saputera, M.M.A., Niah, R., (2020) Penetapan Kadar Fenolik Total Ekstrak Batang Bajakah Tampala (*Spatholobus littoralis* Hassk.) Menggunakan Spektrofotometri UV-VISIBLE, *J Insan Farmasi Indonesia*, 3(1): 132-141.
- Bouzaiane, N.N., Jaziri, S.K., Kovacic, H., Chekir-Ghedira, L., Ghedira, K. and Luis, J., (2015) The effects of caffeic, coumaric and ferulic acids on proliferation, superoxide production, adhesion and migration of human tumor cells in vitro, *Europe J Pharm*, 766: 99-105.
- Cai, Y., Zhang, J., Chen, N.G., Shi, Z., Qiu, J., He, C., Chen, M., (2017) Recent advances in anticancer activities and drug delivery systems of tannins. *Med Res Rev*, 37(4): 665-701.
- Chairunnisa, S., Wartini, N.M., Suhendra, L., (2019) Pengaruh suhu dan waktu maserasi terhadap karakteristik ekstrak daun bidara (*Ziziphus mauritiana* L.) sebagai Sumber Saponin. *J Rekayasa Manajemen Agroindustri ISSN*, 2503: 488X.

- Chen, H.C., (2005) Boyden Chamber Assay. Dalam: Guan, J-L., ed. *Cell Migration: Developmental Methods and Protocols*, Totowa: Humana Press Inc., pp. 15-21.
- Chen, P.N., Chu, S.C., Chiou, H.L., Kuo, W.H., Chiang, C.L., Hsieh, Y.S., (2006) Mulberry anthocyanins, cyanidin 3-rutinoside and cyanidin 3-glucoside, exhibited an inhibitory effect on the migration and invasion of a human lung cancer cell line. *J Can letters*, 235(2): 248-259.
- Dong, C., Slattey, M. J., Rank, B. M., You, J. (2002) In vitro characterization and micromechanics of tumor cell chemotactic protrusion, locomotion, and extravasation. *Annals Biomed Eng*, 30(3): 344-355.
- Duchartre, Y., Kim, Y. M., Kahn, M., (2016) The Wnt signaling pathway in cancer. *Crit Rev Oncol Hematol*, 99: 141-149.
- Düzü, M., Karamert, R., Bakkal, F.K., Cevizci, R., Tutar, H., Zorlu, M.E., Dilci, A., Eravci, F.C., (2016) The demographics and histopathological features of oral cavity cancers in Turkey, *Turkish J Med Sci*, 46(6): 1672-1676.
- Fan, J.J., Hsu, W.H., Lee, K.H., Chen, K.C., Lin, C.W., Lee, Y.L.A., Ko, T.P., Lee, L.T., Lee, M.T., Chang, M.S., Cheng, C.H., (2019) Dietary flavonoids luteolin and quercetin inhibit migration and invasion of squamous carcinoma through reduction of Src/Stat3/S100A7 signaling. *J Antioxidants*, 8(11): 557.
- Fauziah, A., Sudirga, S. K., Parwanayoni, N. M. S., (2021) Uji Antioksidan Ekstrak Daun Tanaman Leunca (*Solanum nigrum* L.). *J Bio Sci*, 8(1): 28-34.
- Fitriani, Sampepana, E., Saputra, S.H., (2020) Karakteristik Tanaman Akar Bajakah (*Spatholobus littoralis* Hassk) Dari Loakulu Kabupaten Kutai Kartanegara, *J Riset teknologi Industri*, 14(2): 376.
- Friedl, P., Wolf, K., (2003) Tumour-cell invasion and migration: diversity and escape mechanisms, *Nat Rev Can*, 3(5): 362-374.
- Gharat, S.A., Momin, M.M., Bhavsar, C., (2016) Oral squamous cell carcinoma: current treatment strategies and nanotechnology-based approaches for prevention and therapy, *Crit Rev Ther Drug Car Syst*, 33(4): 363-400.
- Gonçalves, C. F. L., Hecht, F., Cazarin, J., Fortunato, R. S., Vaisman, M., de Carvalho, D. P., Ferreira, A. C. F, (2021) The flavonoid quercetin reduces cell migration and increases NIS and E-cadherin mRNA in the human thyroid cancer cell line BCPAP. *J Mol Cell Endocrin*, 529, 111266. (Abstr.)
- Guy, J.B., Espenel, S., Vallard, A., Battiston-Montagne, P., Wozny, A.S., Ardail, D., Alphonse, G., Rancoule, C., Rodriguez-Lafrasse, C., Magne, N., (2017) Evaluation of the cell invasion and migration process: a comparison of the video microscope-based scratch wound assay and the boyden chamber assay, *J Vis Exp*, (129): 1-7.
- Hapach, L.A., Mosier, J.A., Wang, W., Reinhart-King, C.A., (2019) Engineered models to parse apart the metastatic cascade. *J Prec Onc*, 3(1): 1-8.
- Hanahan, D., Weinberg, R.A., (201) Hallmarks of cancer: the next generation. *Elsevier Inc*, 144(5): 646-674.

- Haryono, S. J., Anwar, S. L., Salim, A., (2018) *Dasar-Dasar Biologi Molekuler Kanker bagi Praktisi Klinis*, Yogyakarta: Gadjah Mada University Press, pp. 62.
- Hasanah, N., Novian, D.R., (2020) Analisis Ekstrak Etanol Buah Labu Kuning (*Cucurbita Moschata* D.), *J Para Pemikir*, 9(1): 54-9.
- Hasna, L.Z., Sehkhaemi, P., Aviciena, M.A., (2021) Akar Kayu Bajakah dan Manfaatnya untuk Kesehatan, *J Teknologi Pangan*, 4(1): 32-39.
- Hirota, S.K., Migliari, D.A., Sugaya, N.N., (2006) Oral squamous cell carcinoma in a young patient: case report and literature review. *Anais Brasileiros de Dermatol*, (81): 251-254.
- Huttenlocher, A., Sandborg, R.R., Horwitz, A.F., (1995) Adhesion in cell migration. *Cur op cell bio*, 7(5): 697-706.
- Machali, I., (2015) *Statistik itu Mudah*, Ladang Kata: Yogyakarta, p: 103.
- Iskandar, D., Warsidah (2020) Qualitative Phytochemical Screening and Antioxidant Activity of Ethanol Root Extract of *Spatholobus littoralis* Hassk. *J Food Med Plants*, 1(1): 13-15.
- Justus, C.R., Leffler, N., Ruiz-Echevarria, M. and Yang, L.V., (2014) In vitro cell migration and invasion assays, *J Vis Exp*, (88): 51046.
- Kamran, S., Sinniah, A., Abdulghani, M.A, Alshawsh, M.A., (2022) Therapeutic Potential of Certain Terpenoids as Anticancer Agents: A Scoping Review. *J Can*, 14(5): 1100.
- Korsuwannawong, S., Srichan, R., Vajrabhaya, L.O., (2020) Effect of Aloe resin on cell migration between Scratch and Boyden chamber assays, *J Med Plants Res*, 14(8): 366-372.
- Kramer, N., Walzl, A., Unger, C., Rosner, M., Krupitza, G., Hengstschläger, M., Dolznig, H., (2013) In vitro cell migration and invasion assays, *Mut Res*, 752(1): 10-24.
- Lee, J.J., van De Ven, R.A., Zaganjor, E., Ng, M.R., Barakat, A., Demmers, J.J., Finley, L.W., Gonzalez Herrera, K.N., Hung, Y.P., Harris, I.S., Jeong, S.M., (2018). Inhibition of epithelial cell migration and Src/FAK signaling by SIRT3. *PNAS*, 115(27): 7057-7062.
- Maulina, M., (2018) Kerusakan Matriks Ekstraseluler pada Invasi dan Metastasis Sel Kanker, *J Kedokteran Nanggro Medika*, 1(1): 19-26.
- Medawati, A., (2013) Karsinoma sel skuamosa sebagai salah satu kanker rongga mulut dan permasalahannya. *Ins Dent J*, 2(1): 88-90.
- Milhanah, M., Pangkahila, W., Wiraguna, A.A.G.P., Indrayani, I.W., Darwinata, I.A.E. and Weta, I.W., (2021) Administration of Bajakah (*Spatholobus littoralis* hassk) stem ethanol extract cream inhibited the increasing of mmp-1 expression and the reducing of collagen in male wistar rats (*Rattus norvegicus*) exposed to ultraviolet B, *Ind Arch Biomed Res*, 1(1): 8-14.
- Muhid, A., (2019) *Analisis Statistik, ed. 2nd*, Zifatama Jawara, Sidoarjo, pp. 84, 105, 115, 116, 124.
- Novanty, V., Pangkahila, W., Dewi, N.N.A., (2021) Administration of ethanol extract of Bajakah tampala (*Spatholobus littoralis* Hassk) stem decreased

- reactive oxygen species, visceral fat and body weight of obese rats, *Neuro Spin Med Chir*, 4(1): 32-36.
- Pertiwi, W., Arisanty, D., Linosefa, L., (2020) Pengaruh Ekstrak Daun Sirsak (*Annona muricata* lin) Terhadap Viabilitas Cell Line Kanker Payudara T47D Secara In Vitro, *Jl Kesehatan Andalas*, 91S.
- Petri, B., Sanz, M.J., (2018) Neutrophil chemotaxis, *Cell tissue Res*, 371(3): 425-436.
- Prasonto, D., Riyanti, E., Gartika, M., (2017) Uji aktivitas antioksidan ekstrak bawang putih (*Allium sativum*), *ODONTO: Dental Journal*, 4(2): 122-128.
- Prihanti, G. S., (2018) *Pengantar Biostatistik*, 2nd ed., Malang: UMM Press, pp. 12-13.
- Puspitawati, N., Pristianty, L., Rahem, A., Hartono, W., (2021) Efektivitas Perencanaan Kebutuhan Obat Dengan Metode Morbiditas Terhadap Ketersediaan Obat Kemoterapi, *J Ilmiah Ibnu Sina*, 6(1): 133-142.
- Quaranta, V., (2000) Cell migration through extracellular matrix: membrane-type metalloproteinases make the way. *J of cell bio*, 149(6): 1167-1170.
- Rahmadani, H. F., Pratimasari, D., Amin, M. S., (2021) Aktivitas Gel Fraksi Etil Asetat dari Ekstrak Etanol Daun Ubi Jalar Untuk Pengobatan Luka Bakar. *J Farm Ilmu Kefarmasian Indones*, 8(2): 143.
- Rahmasari, N., Barliana, M. I., Amalia, R. (2021) Artikel Review: Interaksi Silang Pensinyalan WNT dan TGF- β pada Kanker Paru dengan MikroRNA sebagai Mayoritas Regulator, *Ind J Clin Pharm*, 10(1): 62-78.
- Regezi, J. A., Sciubba, J. J., Jordan, R. C. K., (2017) *Oral Pathology: Clinical Pathologic Correlations*, 7th ed., St. Louis: Elsevier, pp. 58.
- Riwanti, P., Izazih, F., Amaliyah, A., (2020) Pengaruh Perbedaan Konsentrasi Etanol pada Kadar Flavonoid Total Ekstrak Etanol 50, 70 dan 96% *Sargassum polycystum* dari Madura, *J Ph Anw Med (J-PhAM)*, 2(2): 82-95.
- Roca-Cusachs, P., Sunyer, R., Trepas, X., (2013) Mechanical guidance of cell migration: lessons from chemotaxis. *Cur op cell bio*, 25(5): 543-549.
- Roussos, E.T., Condeelis, J.S., Patsialou, A., (2011) Chemotaxis in cancer, *Nat Rev Can*, 11(8): 573-587.
- Safitri, W. R., (2016) Analisis Korelasi Pearson Dalam Menentukan Hubungan Antara Kejadian Demam Berdarah Dengue dengan Kepadatan Penduduk di Kota Surabaya Pada Tahun 2012-2014: Pearson Correlation Analysis to Determine The Relationship Between City Population Density with Incident Dengue Fever of Surabaya in The Year 2012-2014, *Sci J Nurs*, 2(2): 21-29.
- Sahai, E., (2005) Mechanisms of cancer cell invasion, *Cur op genetics develop*, 15(1): 87-96.
- Saleh, R. A., Rahmadani, A., Febrina, L., Rusli, R. (2016) Aktivitas antibakteri kulit batang Libo (*Ficus variegata* Blume), *Proc. Mul. Pharm. Conf.*, (3): 357-363.
- Sano, D. and Myers, J.N., (2007) Metastasis of squamous cell carcinoma of the oral tongue, *Can Meta Rev*, 26(3): 645-662.

- Saputera, M.M.A., Ayuchecaria, N., (2018) Uji Efektivitas Ekstrak Etanolik Batang Bajakah Tampala (*Spatholobus littoralis* Hassk.) Terhadap Waktu Penyembuhan Luka, *J Ilmiah Ibnu Sina*, 3(2): 318-327.
- Sasahira, T., Kirita, T., 2018. Hallmarks of cancer-related newly prognostic factors of oral squamous cell carcinoma. *Int J mol sci*, 19(8): 2413.
- Schepis, A., & Nelson, W. J., (2012) Adherens junction function and regulation during zebrafish gastrulation. *Cell Adh Migr*, 6(3):173-232.
- Selvamani, M., Yamunadevi, A., Basandi, P.S., Madhushankari, G.S., (2015) Prevalence of oral squamous cell carcinoma of tongue in and around Davangere, Karnataka, India: A retrospective study over 13 years. *J pharm bio sci*, 7(2): S491-S494.
- Suharto, D.N., (2018), Analisis Kasus Kanker Lidah Dalam Konteks Asuhan Keperawatan Dengan Pendekatan Comfort Theory Model, *J Ilmu Kesehatan*, 12(2): 88-94.
- Sun, Y., Zhang, J., Ma, L., (2014) α -catenin: A tumor suppressor beyond adherens junctions., *Cell Cyc*, 13(15): 2334-2339.
- Sung, B.H., Weaver, A.M., (2017) Exosome secretion promotes chemotaxis of cancer cells, *J Cell Adh Migr*, 11(2): 187-195.
- Susanto, B. N. A., Zayani, N., Susanto, N. C. A., (2022) *Buku Referensi: Batang Pohon Bajakah Tampala sebagai Peningkat Imunitas*, Pemalang: Nasya Expanding Management, pp. 8-16.
- Song, Y., Ye, M., Zhou, J., Wang, Z. W., Zhu, X., (2019) Restoring E-cadherin expression by natural compounds for anticancer therapies in genital and urinary cancers, *Mol Ther-Onc*, 14: 130-138.
- Tahtamouni, L., Ahram, M., Koblinski, J., Rolfo, C., (2019) Molecular regulation of cancer cell migration, invasion, and metastasis, *An Cell Path*, 2019: 1-2.
- Tusanti, I., Johan, A., Kisdjamiatun, R.A., (2014) Sitotoksitas in vitro ekstrak etanolik buah parioto (*Medinilla speciosa*, reinw. ex bl.) terhadap sel kanker payudara T47D. *Ind J Nut*, 2(2): 53-58.
- Utami, L.A., Putri, D.H., (2020) The Effect of Ethanol Solvent Concentration on Antimicrobial Activities the Extract of Andalas Endophytic Bacteria (*Morus Macrourea* Miq.) Fermentation Product, *J Eksakta (E-ISSN: 2549-7464)*, 21(1): 1-6.
- Warszawik-Hendzel, O., Olszewska, M., Maj, M., Rakowska, A., Czuwara, J., Rudnicka, L., (2015) Non-invasive diagnostic techniques in the diagnosis of squamous cell carcinoma. *J dermatol case rep*, 9(4): 89.
- Wu, J.S., Jiang, J., Chen, B.J., Wang, K., Tang, Y.L., Liang, X.H., (2021) Plasticity of cancer cell invasion: Patterns and mechanisms, *Trans Onc*, 14(1): 100899.
- Yang, C. M., Ji, S., Li, Y., Fu, L. Y., Jiang, T., Meng, F. D., (2017) β -Catenin promotes cell proliferation, migration, and invasion but induces apoptosis in renal cell carcinoma. *Onc Tar Ther*, 10: 711.

- Yulia, R., Nizar, R. Z., Edison, (2016) Hubungan Ekspresi *E-cadherin* dengan Derajat Diferensiasi dan Invasi Limfovaskuler pada Adenokarsinoma Kolorektal, *J Patologi Indonesia*, 25(2): 29-34.
- Yuniarti, L., Kharisma, Y., Respati, T., Tejasari, M., (2021) Halal Critical Point Analysis of Bajakah Wood (*Spatholobus littoralis* Hassk) Nano Particle as Anticancer Agent. *Glob Med Health Com (GMHC)*, 9(2): 81-87.
- Zakiyana, Y., Medawati, A., (2010) Efek Ekstrak Etanol Daun Keladi Tikus (*Typhonium flagelliforme* Lodd.) pada Invasi Sel Kanker Lidah Manusia (SP-C1) in vitro, *J Kedokteran Kesehatan*, 10(2): 160-166.