

DAFTAR PUSTAKA

- Agustina, D., Wasito, H. S., & Supatinah, A., 2006, Anticarcinogenesis Effect of *Gynura procumbens* (Lour.) Merr on Tongue Carcinogenesis in 4NQO-induced Rat, *Dent. J.* 39, 126 – 132.
- Akouwah, G., Amirin, S., Mariam, A., & Aminah, I., 2001. Blood Sugar Lowering Activity of *Gynura procumbens* Leaf Extracts, *J. Trop. Med. Plants* 2, 5 – 10. cit Tan, H. L., Chan K-G, Pusparajah P, Lee L-H, & Goh B-H, 2016, *Gynura procumbens* : An Overview of the Biological Activities, *Frontiers in Pharmacology* 7, 52.
- Akouwah, G., Sadikun, A., & Mariam, A., 2002, Flavonoid Identification and Hypoglycaemic Studies of the Butanol Fraction from *Gynura procumbens*., *Pharm. Biol.* 40, 405 – 410. cit Tan, H. L., Chan K-G, Pusparajah P, Lee L-H, & Goh B-H, 2016, *Gynura procumbens* : An Overview of the Biological Activities, *Frontiers in Pharmacology* 7, 52.
- Alrawi, S.J., Schiff, M., Carroll, R.E., Dayton, M., Gibbs, J.F., Kulavlat, M., Tan, D., Berman, K., Stoler, D.L., & Anderson, G.T., 2006, Aberrant Crypt Foci, *Anticancer Research* 26, 107-120.
- Andersen, O.M., & Markham, K.R., 2006, *Flavonoid: Chemistry, Biochemistry, and Applications*, Taylor and Francis Group, USA.
- Anggrianti, P., 2008, Uji Sitotoksik Ekstrak Etanol 70% Buah Kemukus (*Piper cubeba* L.) Terhadap Sel HeLa, *Skripsi*, Fakultas Farmasi Universitas Muhammadiyah Surakarta, Surakarta.
- Ariyanti, S., 1997, Aktivitas Biologis Ekstrak Etanol Daun *Gynura procumbens* (Lour.) Merr., terhadap Sel Vero dan Sel Mieloma, *Skripsi*, Fakultas Farmasi UGM, Yogyakarta. cit Sudarsono, Gunawan, D., Wahyuono, S., Donatus, I.A., Purnomo, 2002, *Tumbuhan Obat II : Hasil Penelitian, Sifat-sifat dan Penggunaan*, Pusat Studi Obat Tradisional Universitas Gadjah Mada, Yogyakarta.
- Backer, C.A., & Van Den Brink, R.C.B., 1965, *Flora of Java (Spermatophytes Only)*, Vol II, N.V.P, 363-364, 424-425, Noordhoff-Groningen, The Netherlands.
- Boige, V., Mendiboure, J., Pignon, J. P., Lorient, M. A., Castaing, M., Barrois, M., Malka, D., Trégouët, D.A., Bouché, O., Le Corre, D., Miran, I., Mulot, C., Ducreux, M., Beaune, P., & Laurent-Puig, P., 2010, Pharmacogenetic Assessment of Toxicity and Outcome in Patients with Metastatic

Colorectal Cancer Treated with LV5-FU2, FOLFOX, and FOLFIRI: FFCO 2000-05, *Journal of Clinical Oncology*, 28 (15) : :2556 – 2564.

Brattain, M.G., Stevens, J.S., Fine, D., Webb, M., & Sarrif, A.M., 1980, Establishment of Mouse Colonie Carcinoma Cell Lines with Different Metastatic Properties, *American Association for Cancer Research Journals* 40, 2142-2146.

Cancer Chemoprevention Research Center, 2013, Protokol Uji Sitotoksik Metode MTT, *Cancer Chemoprevention Research Center*, Yogyakarta.

Castle, J.C., Loewer, M., Boegel, S., Graaf, J.D., Bender, C., Tadmor, A.D., Boisguerin, V, Bukur, T., Sorn, P., Paret, C., Diken, M., Kreiter, S., Türeci, Ö., & Sahin, U., 2014, Immunomic, Genomic and Transcriptomic Characterization of CT 26 Colorectal Carcinoma, *BMC Genomics* 2014, 15 : 190.

Chou T.C., 2010, Drug Combination Studies and Their Synergy Quantification Using the Chou-Talalay Method, *Cancer Res*, 70 (2) : 440-446. cit Pinto A. C., Moreira J. N., Simoes S., 2011, Combination Chemotherapy in Cancer: Principles, Evaluation and Drug Delivery Strategies, *Current Cancer Treatment - Novel Beyond Conventional Approaches*, Prof. Oner Ozdemir (Ed.) ISBN: 978-953-307-397-2, InTech, Croatia.

Chou T.C., 2006, Theoretical Basis, Experimental Design, and Computerized Simulation of Synergism and Antagonism in Drug Combination Studies. *Pharmacol Rev* 58(2): 621-681. cit Pinto A. C., Moreira J. N., Simoes S., 2011, Combination Chemotherapy in Cancer: Principles, Evaluation and Drug Delivery Strategies, *Current Cancer Treatment - Novel Beyond Conventional Approaches*, Prof. Oner Ozdemir (Ed.) ISBN: 978-953-307-397-2, InTech, Croatia.

Christophidis, N., Vajda, F.J.E., Lucas, I., & Louis, W.J., 1979, Ocular Side-Effects with 5-Fluorourasil, *Australia and New Zealand Journal of Medicine* 9, 143–144. cit Dikken C & Sitzia J., 1998, Patients' Experiences of Chemotherapy: Side-Effects Associated with 5-Fluorourasil + Folinic Acid in the Treatment of Colorectal Cancer, *Journal of Clinical Nursing* 1998, 7: 371–379.

Depkes RI, 1986, *Sediaan Galenik*, Departemen kesehatan Republik Indonesia, Jakarta.

Dey, E.L., & Astin, A.W., 1993, Statistical Alternatives for Studying College Student Retention: A Comparative Analysis of Logit, Probit, and Linear Regression, *Research in Higher Education*, 34 (5) : 569 – 581.

- Dipiro, Joseph T., Barbara G. Wells, Terry L. Schwinghammer, & Cecily V. Dipiro, 2015, *Pharmacotherapy Handbook*, 9th Edition, Mc Graw Hill Education, New York.
- Doyle, A., & Griffiths, J. B., 1998, *Cell and Tissue Culture: Laboratory Procedures in Biotechnology*, John Willey and Sons, England.
- Doyle, A., & Griffiths, J. B., 2000, *Cell and Tissue Culture for Medical Research*, John Willey and Sons, Ltd., New York.
- Eva, F., Sabu, Edy, P., Sudarso, & Fachruddin, 1993, Penelitian Toksisitas Akut Ekstrak Etanol Daun Beluntas Cina (*Gynura procumbens* Becker) terhadap Mencit Putih, *Risalah Simposium Penelitian Obat VII*, Farmasi UNHAS, Makassar. cit Sudarsono, Gunawan, D., Wahyuono, S., Donatus, I.A., & Purnomo, 2002, *Tumbuhan Obat II : Hasil Penelitian, Sifat-sifat dan Penggunaan*, Pusat Studi Obat Tradisional Universitas Gadjah Mada, Yogyakarta.
- Fessenden, R.J. & Fessenden, J.S., 1982, *Kimia Organik*, diterjemahkan oleh Pudjaatmakan, A. H., Edisi Ketiga, Jilid 1, Penerbit Erlangga, Jakarta.
- Forbes J.E., Brazier D.J. & Spittle M., 1993, 5-Fluorourasil and Ocular Toxicity. *British Journal of Ophthalmology* 77, 465–466. cit Dikken C & Sitzia J., 1998, Patients' Experiences of Chemotherapy: Side-Effects Associated with 5-Fluorourasil + Folinic Acid in the Treatment of Colorectal Cancer, *Journal of Clinical Nursing* 1998, 7: 371–379.
- Gandjar, I.G., & Rohman, A., 2007, *Kimia Farmasi Analisis*, Pustaka Pelajar, Yogyakarta.
- Giovannetti, E., Backus, H.H.J., Wouters, D., Ferreira, C.G., van Houten, V.M.M., & Brakenhoff, R.H., 2007, Changes in the Status of p53 Affect Drug Sensitivity to Thymidilate Synthase (TS) Inhibitors by Altering TS Levels, *British J. Can.*, 96 : 769 – 775.
- Hanahan, D., & Weinberg, R.A., 2000, The Hallmarks of Cancer, *Cell*, 100 : 57 – 70
- Hanahan, D., & Weinberg, R.A., 2011, Hallmarks of Cancer : The Next Generation, *Cell*, 144 : 646 – 674
- Harborne, J. B., 1987, *Metode Fitokimia*, diterjemahkan oleh Kosasih Padmawinata dan Iwang Soediro, Penerbit ITB, Bandung.
- Huang, S., Benavente, S., Armstrong, E.A., Li, C., Wheeler, D.L., & Harari, P.M., 2011, p53 Modulates Acquired Resistance to EGFR Inhibitors and Radiation, *American Association for Cancer Research*, 71 (22) : 7071 – 7080.

- Hurwitz B.S., 1993, Cicatricial Ectropion: A Complication of Systemic Fluorouracil, *Archives of Ophthalmology* 111, 1608–1609. cit Dikken C and Sitzia J., 1998, Patients' Experiences of Chemotherapy: Side-Effects Associated with 5-Fluorourasil + Folinic Acid in the Treatment of Colorectal Cancer, *Journal of Clinical Nursing* 1998, 7: 371–379.
- Indonesian Society for Cancer Chemoprevention*, 2014, *Protokol In Vitro*, Indonesian Society for Cancer Chemoprevention, Yogyakarta.
- Kementerian Kesehatan Republik Indonesia, 2010, *Seuplemen I Farmakope Herbal Indonesia*, Kementerian Kesehatan Republik Indonesia, Jakarta.
- Komite Penanggulangan Kanker Nasional, 2012, *Pedoman Nasional Pelyanan Kesehatan Kanker Kolorektal*, Kementrian Kesehatan Repunlik Indonesia, Jakarta.
- Kusuma, A.W., Nurulita, N.A., & Hartanti, D., 2010, Efek Sitotoksik dan Antiproliferatif Kuersetin pada Sel Kanker Kolon WiDr, *PHARMACY*, 7(3) : 107 – 122.
- Longley, D.B, Harkin, D.P., & Johnston, P.G., 2003, Review 5-Fluorourasil : Mechanism of Action and Clinical Strategies, *Nature* 3, 330-338.
- Maciag, A., Sithanandam G., & Anderson, L.M., 2004, Mutant K-ras Increases COX-2, Peroxides and DNA Damage in Lung Cells, *Carcinogenesis* 25 (11) : 2231 - 2237.
- Markham, K.R., 1988, *Cara Mengidentifikasi Flavonoid*, diterjemahkan oleh Kosasih Padmawinata, Penerbit ITB, Bandung.
- Martin, O., Heider, K.H., & Beug, H., 1998, Tgf β Signaling is Necessary for Carcinoma Cell Invasiveness and Metastasis, *Current Biology* 1998, 8:1243–1252.
- Meiftasari, A., 2011, Peningkatan Sensitivitas Sel Kanker Kolon WiDr terhadap Agen Kemoterapi 5-Fluorourasil oleh Ekstrak Rumput Mutiara (*Hedyotis corymbosa* L.), *Skripsi*, Fakultas Farmasi UGM, Yogyakarta.
- Meiyanto, E., 1996, Efek Antimutagenik Beberapa Senyawa Fraksi Ekstrak Alkohol Batang *Gynura procumbens* (Lour.) Merr., *Laporan Penelitian*, Fakultas Farmasi UGM, Yogyakarta. cit Sudarsono, Gunawan, D., Wahyuono, S., Donatus, I.A., & Purnomo, 2002, *Tumbuhan Obat II : Hasil Penelitian, Sifat-sifat dan Penggunaan*, Pusat Studi Obat Tradisional Universitas Gadjah Mada, Yogyakarta.
- Meiyanto, E., 1997, Uji Ketoksikan beberapa Fraksi Ekstrak Etanol Daun *Gynura procumbens* (Lour.) Merr., *Laporan Pnelitian*, Fakultas Farmasi UGM,

- Yogyakarta. cit Sudarsono, Gunawan, D., Wahyuono, S., Donatus, I.A., Purnomo, 2002, *Tumbuhan Obat II : Hasil Penelitian, Sifat-sifat dan Penggunaan*, Pusat Studi Obat Tradisional Universitas Gadjah Mada, Yogyakarta.
- Meiyanto, E., & Septisetyani, E.P., 2005, Uji Antiproliferatif dan Apoptosis Fraksi Fenolik Ekstrak Etanolik Daun *Gynura procumbens* (Lour.) Merr., terhadap Sel HeLa, *Artocarpus*, (5)2, 74-80.
- Meiyanto, E., Tasminatun, S., Susilowati, S., Murwanti, R., & Sugiyanto., 2007, Penghambatan Karsinogenesis Kanker Payudara Tikus Terinduksi DMBA pada Fase Post Inisiasi oleh Ekstrak Etanolik Daun *Gynura Procumbens* (Lour) Merr, *Majalah Farmasi Indonesia* 18(4), 169 – 175.
- Mosmann, T., 1983, Rapid Colorimetric Assay for Cellular Growth and Survival: Application to Proliferation and Cytotoxicity Assays, *Journal of Immunological Methods* 65, 55-63.
- Mou, K. M., & Dash, P.R., 2016, A Comprehensive Review on *Gynura procumbens* Leaves, *International Journal of Pharmacognosy*, 3(4) : 167-174.
- Mulyadi, 1989, Deteksi Aktivitas Asparaginase dalam Daun *Gynura procumbens* (Lour.) Merr., *Laporan Penelitian*, Fakultas Farmasi UGM, Yogyakarta. cit Sudarsono, Gunawan, D., Wahyuono, S., Donatus, I.A., & Purnomo, 2002, *Tumbuhan Obat II : Hasil Penelitian, Sifat-sifat dan Penggunaan*, Pusat Studi Obat Tradisional Universitas Gadjah Mada, Yogyakarta.
- Mulyadi, 1990, Pengaruh Waktu Inkubasi terhadap Aktivitas Asparaginase Daun *Gynura procumbens* (Lour.) Merr., *Laporan Penelitian*, Fakultas Farmasi UGM, Yogyakarta. cit Sudarsono, Gunawan, D., Wahyuono, S., Donatus, I.A., & Purnomo, 2002, *Tumbuhan Obat II : Hasil Penelitian, Sifat-sifat dan Penggunaan*, Pusat Studi Obat Tradisional Universitas Gadjah Mada, Yogyakarta.
- Na, S.H., Lim, Y.K., Jeong, Y., Lee, H.S., Lim, Y.J., Kang, M.S., Cho, C., & Lee, H.C., 2010, Combination Antitumor Effects of Micelle-Loaded Anticancer Drugs in A CT-26 Murine Colorectal Carcinoma Model, *International Journal of Pharmaceutics*, 383 : 192 – 200.
- Nagadi, S., 2013, Uji Aktivitas Sitotoksik Sub-Fraksi Etil Asetat Daun *Gynura procumbens* (Lour.) Merr. terhadap Sel Karsinoma Payudara T-47d, *Tesis*, Fakultas Pascasarjana Farmasi Universitas Gadjah Mada, Yogyakarta.
- National Cancer Institute, 2014, *Colorectal Cancer*, <https://www.cancer.gov/types/colorectal>, diakses pada 12 Mei 2017.

- National Cancer Institute, 2014, *5-FU*, <https://www.cancer.gov/about-cancer/treatment/drugs/fluorouracil>, diakses pada 12 Mei 2017.
- Nurulita, N. A., 2005, Efek antikanker pentagamavunon-0 (PGV-0) terhadap sel kanker payudara T47D yang diinduksi 17- β -estradiol melalui mekanisme induksi apoptosis dan penghambatan angiogenesis. *Tesis*, Fakultas Pascasarjana Farmasi Universitas Gadjah Mada, Yogyakarta.
- Nurulita, N.A., & Sugiyanto, 2010, Penelusuran Potensi Ekstrak Sambung Nyawa (*Gynura Procumbens* (Lour) Merr.) Terstandarisasi sebagai Agen Kemopreventif dan Ko-Kemoterapi pada Sel Kanker Payudara dan Leher Rahim, *Laporan Penelitian*, Universitas Muhammadiyah Purwokerto, Purwokerto.
- Nurulita, N.A., Meiyanto, E., Sugiyanto, Matsuda, E., & Kawaichi, M., 2011, The Ethyl Acetate Fraction of *Gynura procumbens* Sensitizes WiDr Colon Cancer Cell Line Against 5-Fluorouracil but Shows Antagonism with Cisplatin, *International Journal of Phytomedicine* 3: 392 – 405.
- Palozza, P., Serini S., Maggiano N., Giuseppe T., Navarra P. & Ranelletti F.O., 2005, β -Carotene Downregulates the Steady-State and Heregulin-Induced COX-2 Pathways in Colon Cancer Cells, *J.Nutr.*, 135:129-136.
- Peanginan, J.M., 1993, Uji Toksisitas Sari Daun Tanaman *Gynura procumbens* (Lour.) Merr. terhadap Larva *Artemea salina* Leach., *Skripsi*, Fakultas Farmasi UGM, Yogyakarta. cit Sudarsono, Gunawan, D., Wahyuono, S., Donatus, I.A., & Purnomo, 2002, *Tumbuhan Obat II : Hasil Penelitian, Sifat-sifat dan Penggunaan*, Pusat Studi Obat Tradisional Universitas Gadjah Mada, Yogyakarta.
- Pfeiffer P., Madsen E., Hansen O., & May O., 1990, Effect of Prophylactic Sucralfate Suspension on Stomatitis Induced by Cancer Chemotherapy, *Acta Oncologica* 29, 171–173. cit Dikken C & Sitzia J., 1998, Patients' Experiences of Chemotherapy: Side-Effects Associated with 5-Fluorouracil + Folinic Acid in the Treatment of Colorectal Cancer, *Journal of Clinical Nursing* 1998, 7: 371–379.
- Price, S.A., & Wilson, L.M., 1995, *Patofisiologi : Konsep Klinis Proses-Proses Penyakit*, diterjemahkan oleh Peter Anugerah, Penerbit Buku Kedokteran EGC, Jakarta.
- Ramsey, E.C., Dos Santos N., Dragowska W.H., Laskin J.J., & Bally M.B., 2005, The Formulation of Lipid-Based Nanotechnologies for the Delivery of Fixed Dose Anticancer Drug Combinations. *Curr Drug Deliv* 2(4): 341-351. cit Pinto A. C., Moreira J. N., & Simoes S., 2011, Combination

- Chemotherapy in Cancer: Principles, Evaluation and Drug Delivery Strategies, *Current Cancer Treatment - Novel Beyond Conventional Approaches*, Prof. Oner Ozdemir (Ed.) ISBN: 978-953-307-397-2, InTech, Croatia.
- Reynolds, C.P., & Maurer, B.J., Evaluating Response to Antineoplastic Drug Combinations in Tissue Culture Models, *Methods in Molecular Medicine* 2005, 110 : 173-183.
- Riss, T.L., Moravec, R.A., Niles, A.L., Duellman, S., Benink, H.A., Worzella, T.J., & Minor, L., 2016, Cell Viability Assays, *Assay Guidance Manual*.
- Robben N.C., Pippas A.W., & Moore J.O., 1993, The Syndrome of 5-Flourouracil Cardiotoxicity, *Cancer* 71, 493–509. cit Dikken C & Sitzia J., 1998, Patients' Experiences of Chemotherapy: Side-Effects Associated with 5-Fluorourasil + Folinic Acid in the Treatment of Colorectal Cancer, *Journal of Clinical Nursing* 1998, 7: 371–379.
- Rohman, A., 2014, *Statistika dan Kemometrika Dasar dalam Analisis Farmasi*, Pustaka Pelajar, Yogyakarta.
- Sabariyah, W., Asmanizar, Nurendah, & Nurul, 1993, Pengaruh Sari Kadar Air Daun Dewa (*Gynura procumbens* Merr.) pada Kadar Glukosa Darah Tikus, *Risalah Simposium Penelitian Tumbuhan Obat VII*, Farmasi UNHAS, Makassar. cit Sudarsono, Gunawan, D., Wahyuono, S., Donatus, I.A., & Purnomo, 2002, *Tumbuhan Obat II : Hasil Penelitian, Sifat-sifat dan Penggunaan*, Pusat Studi Obat Tradisional Universitas Gadjah Mada, Yogyakarta.
- Samuelsson, G., 1999, *Drugs of Natural Origin*, Swedish Pharmaceutical Press, Stockholm.
- Setiawati, A., Septisetyani, EP., Wijayanti, T.R., & Rokhman, M.R., 2007, Sambung Nyawa (*Gynura procumbens* (Lour.) Merr.) sebagai Agen Kemopreventif, https://www.researchgate.net/publication/238106419_SAMBUNG_NYAWA_Gynura_procumbens_Lour_Merr_SEBAGAI_AGEN_KEMOPREVENTIF, diakses pada 25 April 2018.
- Shwter, A.N., Abdullah, N.A., Alshawsh, M.A., Alsalahi, A., Hajrezaei, M., Almaqrami, A.A., Salem, S. D., & Abdulla, M.A., 2014, Chemoprevention of Colonic Aberrant Crypt Foci by *Gynura procumbens* in Rats, *Journal of Ethnopharmacology* 151, 1194–1201.
- Siregar, F., & Hadijono, B.S., 2000, Uji Sitotoksik dengan Esei MTT, *Jurnal Kedokteran Gigi Universitas Indonesia* 7, 28 – 32.

- Siswandono, Soekardjo, B., 2000, *Kimia Medisinal*, Edisi 2, Universitas Airlangga, Surabaya.
- Sriwidnyani, N. P., 2013, Mutasi *K-ras* pada Karsinogenesis Kanker Kolorektal, *Medicina*, 44 (2) : 97 – 100.
- Stevens, H.P., Ostler, L.S., Begent, R.H.J., Dooley, J.S., & Rustin M.H.A., 1993, Pellagra Secondary to 5-Fluorourasil, *British Journal of Dermatology* 128, 578–580. cit Dikken C & Sitzia J., 1998, Patients' Experiences of Chemotherapy: Side-Effects Associated with 5-Fluorourasil + Folinic Acid in the Treatment of Colorectal Cancer, *Journal of Clinical Nursing* 1998, 7: 371–379.
- Strober, W., 1997, *Trypan Blue Exclusion Test of Cell Viability*, National Institute of Allergy and Infectious Diseases, Maryland.
- Sudarto, B., 1991, Daya Anti Bakteri Minyak Atsiri Daun Dewa (*Gynura procumbens* (Lour.) Merr.), *Laporan Penelitian*, Fakultas Farmasi UGM, Yogyakarta. cit Sudarsono, Gunawan, D., Wahyuono, S., Donatus, I.A., & Purnomo, 2002, *Tumbuhan Obat II : Hasil Penelitian, Sifat-sifat dan Penggunaan*, Pusat Studi Obat Tradisional Universitas Gadjah Mada, Yogyakarta.
- Suganda, A.G., Soediro, I., & Ganthina, 1988, Skrining Fitokimia dan Asam Fenolat Daun Dewa (*Gynura procumbens* (Lour.) Merr.), *Simposium Penelitian Obat Tradisional VI*, Farmasi UI, Jakarta. cit Sudarsono, Gunawan, D., Wahyuono, S., Donatus, I.A., & Purnomo, 2002, *Tumbuhan Obat II : Hasil Penelitian, Sifat-sifat dan Penggunaan*, Pusat Studi Obat Tradisional Universitas Gadjah Mada, Yogyakarta.
- Sugiyanto, Sudarto, B., & Meiyanto, E., 1993, Identifikasi Senyawa Anti Karsinogen dari Daun *Gynura procumbens* (Lour.) Merr., *Laporan Penelitian*, Fakultas Farmasi UGM, Yogyakarta. cit Sudarsono, Gunawan, D., Wahyuono, S., Donatus, I.A., & Purnomo, 2002, *Tumbuhan Obat II : Hasil Penelitian, Sifat-sifat dan Penggunaan*, Pusat Studi Obat Tradisional Universitas Gadjah Mada, Yogyakarta
- Sugiyanto, Seogiharjo, C.J., & Meiyanto, E., 1994, Uji Antikarsinogenesis Rutin, Falvonol dan Sari Etanol Daun *Gynura procumbens* dengan Metode New Born Mice, *Laporan Penelitian*, Fakultas Farmasi UGM, Yogyakarta. cit Sudarsono, Gunawan, D., Wahyuono, S., Donatus, I.A., & Purnomo, 2002, *Tumbuhan Obat II : Hasil Penelitian, Sifat-sifat dan Penggunaan*, Pusat Studi Obat Tradisional Universitas Gadjah Mada, Yogyakarta.

- Sugiyanto, Sudarto, B., Meiyanto, E., Mugroho, A.E., & Jenie, U.A., 2003, Aktivitas Antikarsinogenik Senyawa yang Berasal dari Tumbuhan, *Majalah Farmasi Indonesia* 14(4), 216 – 225.
- Sulistyowati, D., 2017, Pengaruh Pemberian Fraksi Air Ekstrak Etanolik Daun Sambung Nyawa (*Gynura procumbens* (Lour.) Merr.) terhadap Kadar Glukosa Darah Tikus yang Diinduksi Streptozotocin-nikotinamid, *Skripsi*, Fakultas Farmasi Universitas Gadjah Mada.
- Tada, K, Shiho, O., Kuroshima, K., Koyama, M., & Tsukamoto, K., 1986, An Improved Colometric Assay for Interleukin 2, *Immunological Methods*, Biotechnology Laboratories, Central Research Division, Takeda chemical industries, ltd., Yodogawa-ku, Osaka, Japan.
- Tamatani, T., Ferdous, T., Takamaru, N., Hara, K., Kinouchi, M., Kuribayashi, N., Ohe, G., Uchida, D., Nagai, H., Fujisawa, K., & Miyamoto, Y., 2012, Antitumor Efficacy of Sequential Treatment with Docetaxel and 5-Fluorouracil Against Human Oral Cancer Cells, *International Journal of Oncology* 41, 1148 – 1156.
- Turini, M. E., & DuBois, R.N., 2002, Cyclooxygenase-2: A Therapeutic Target, *Annual Reviews Medicinal* 53, 35–57.
- Umstead, G.S., Fryer N.L., & Decker D.A., 1991, Local Tissue Reaction to Intravenous Fluorouracil and Leucovorin, *DICP Annals of Pharmacotherapy* 25, 249–250. cit Dikken C & Sitzia J., 1998, Patients' Experiences of Chemotherapy: Side-Effects Associated with 5-Fluorouracil + Folinic Acid in the Treatment of Colorectal Cancer, *Journal of Clinical Nursing* 1998, 7: 371–379.
- Verdi C.J., 1993, Cancer Therapy and Oral Mucositis: An Appraisal of Drug Prophylaxis, *Drug Safety* 9, 185–195. cit Dikken C and Sitzia J., 1998, Patients' Experiences of Chemotherapy: Side-Effects Associated with 5-Fluorouracil + Folinic Acid in the Treatment of Colorectal Cancer, *Journal of Clinical Nursing* 1998, 7: 371–379.
- Wang, H., Zhou, J. W., Fu, D. H., Zhou, Y., Cheng, W. Z., & Liu, Z. L., 2013., *Gynura procumbens* (Lour.) Merr Ethanolic Extract Suppresses Osteosarcoma Cell Proliferation and Metastasis *in Vitro*, *Oncol. Lett.* 6, 113–117. cit Tan, H. L., Chan K-G, Pusparajah P, Lee L-H, Goh B-H, 2016, *Gynura procumbens* : An Overview of the Biological Activities, *Frontiers in Pharmacology* 7, 52.
- Weir, H.K., Thun, M.J., Hankey, B.F., Ries, L.A., Howe, H.L., Wingo, P.A., Jemal, A., Ward, E., Anderson, R.N., & Edwards, B.K., 2003, Annual Report to the Nation on the Status of Cancer, 1975–2000, Featuring the Uses of

Surveillance Data for Cancer Prevention and Control. *J. Natl. Cancer Inst.* 95, 1276–1299 cit. Becker, C., Fantini, Massimo C., Schramm, C., Lehr, H.A., Wirtz, S., Nikolaev, A., Burg, J., Strand, S., Kiesslich, R., Huber, S., Ito, H., Nishimoto, N., Kishimoto, T., Galle, P. R., Blessing, M., John, S.R., & Neurath, M.F., 2004, A Review of TGF- Suppresses Tumor Progression in Colon Cancer by Inhibition of IL-6 trans-Signaling, *Immunity* 21, 491-501.

Yeatman, T.J., 2001, *Colon Cancer*, Ncyclopedia of Life Sciences, Florida.

Zandi, K., Ramedania, E., Mohammadi, K., Tajbakhsh, S., Deilami, I., Rastian, Z., Fouladvand, M., Yousefi, F., & Farshadpour, F., 2010, Evaluation of Antiviral Activities of Curcumin Derivatives against HSV-1 in Vero Cell Line, *Natural Product Communications*, 5 (12) : 1935 – 1938

Zhang, B., Halder, S.K., Zhang, S., & Datta, P.K., 2009, Targeting Transforming Growth Factor-B Signaling in Liver Metastasis of Colon Cancer, *Cancer Letters* 277, 114–120.