DAFTAR PUSTAKA

Agarwal, S. & Rao, A.V., 2000, Tomato Lycopene and its Role in Human Health and Chronic Diseases, *Canadian Medical Association Journal*, **163** (6), 739-744.

Ambiga, S., Narayan, R., Gowri, D., Sukumar, D. & Madhavan, S., 2007, Evaluation of Wound Healing Activity of Flavonoids from *Ipamoea carnea* Jacq., *Ancient Science of Life*, **26** (3), 45-51.

Anonim, 2000, *Parameter Standar Umum Ekstrak Tumbuhan Obat*, Departemen Kesehatan RI, Jakarta.

Anonim, 2011, *Solanum lycopersicum* L., https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=521671&print_version=SCR&source=from_print#null, 16 Juni 2019.

Arief, H. & Widodo, M.A., 2018, Peranan Stres Oksidatif Pada Proses Penyembuhan Luka, *Jurnal Ilmiah Kedokteran Wijaya Kusuma*, **5** (2), 22-29.

Barbulova, A., Apone, F. & Colucci, G., 2014, Plant Cell Cultures as Source of Cosmetic Active Ingredients, *Cosmetics*, **1**, 94-104.

Barrientos, S., Stojadinovic, O., Golinko, M.S., Brem, H. & Tomic-Canic, M., 2008, Growth Factors and Cytokines in Wound Healing, *Wound Repair and Regeneration*, **16**, 585-601.

Blomme, E.A.G., Chinn, K.S., Hardy, M.M., Casler, J.J., Kim, S.H., Opsahl, A.C., Hall, W.A., Trajkovic, D., Khan, K.N. & Tripp, C.S., 2003, Selective Cyclooxygenase-2 Inhibition Does Not Effect the Healing of Cutaneous Full-thickness Incisional Wounds in SKH-1 Mice, *British Journal of Dermatology*, **148**, 211-223.

Boenisch, T., 2001, *Immunochemical Staining Method*, 3rd Ed., DAKO Corporation Carpinteria, California.

Broughton, G., Janis, J.E. & Attinger, C.E., 2006, The Basic Science of Wound Healing, *Plastic and Reconstructive Surgery*, **117** (7), 12-34.

Cahill, R.A., Sheehan, K.M., Scanlon, R.W., Murray, F.E., Kay, E.W. & Redmond, H.P., 2004, Effects of a Selective Cyclo-oxygenase 2 Inhibitor on Colonic Anastomotic and Skin Wound Integrity, *British Journal of Surgery Society*, **91**, 1613-1618.

Day, J.G. & Stacey, G.N., 2007, *Cryopreservation and Freeze-Drying Protocols*, Humana Press, USA.

Eveline, Siregar, T.M. & Sanny, 2014, Studi Aktivitas Antioksidan pada Tomat (*Lycopersicon esculentum*) Konvensional dan Organik Selama Penyimpanan, *Publikasi Ilmiah Unwahas*, **1** (1), 22-28.

Futagami, A., Ishizaki, M., Fukuda, Y., Kawana, S. & Yamanaka, N., 2002, Wound Healing Involves Induction of Cyclooxygenase-2 Expression in Rat Skin, *The United States and Canadian Academy of Pathology*, **82** (11), 1503-1513.

Gantwerker, E.A. & Hom, D.B., 2012, Skin: Histology and Physiology of Wound Healing, *Clinics in Plastic Surgery*, **39**, 85-97.

Giovannucci, E., 1999, Tomatoes, Tomato-Based Products, Lycopene, and Cancer: Review of the Epidemiologic Literature, *Journal of the National Cancer Institute*, **91** (4), 317-331.

Gunawan, L.W., 1987, *Teknik Kultur Jaringan*, Pusat Antar Universitas (PAU) Bioteknologi IPB, Bogor, 167-181 cit. Widyawati, G., 2010, Pengaruh Variasi Konsentrasi NAA dan BAP Terhadap Induksi Sel punca Jarak Pagar (*Jatropha curcas* L.), *Tesis*, Universitas Sebelas Maret, Surakarta.

Guo, S. & DiPietro, L. A., 2010, Factors Affecting Wound Healing, *Journal of Dental Research*, **89** (3), 219-229.

Hana, C.A., 2016, Analisis Kandungan Senyawa Dominan dan Protein dalam Sel Punca (*Stem Cells*) Tanaman Tomat (*Solanum lycopersicum* L.) serta Uji Aktivitas Antioksidan, *Skripsi*, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.

Ikeuchi, M., Sugimoto, K. & Iwase, A., 2013, Plant Callus: Mechanisms of Induction and Repression, *The Plant Cell*, **25**, 3159-3173.

Jain, N., Jain, R., Jain, A., Jain, D.K. & Chandel, H.S., 2010, Evaluation of Wound Healing Activity of *Acorus calamus* Linn., *Natural Product Research*, **24** (6), 534-541.

Kondo, T. & Ishida, Y., 2010, Molecular Pathology of Wound Healing, *Forensic Science Internastional*, **203**, 93-98.

Krischak, G.D., Augat, P., Claes, L., Kinzi, L. & Beck, A., 2007, The Effects of Non-Steroidal Anti-Inflammatory Drug Application on Incisional Wound Healing in Rats, *Journal of Wound Care*, **16** (2), 76-78.

Lestrari, E.G., 2011, Peranan Zat Pengatur Tumbuh dalam Perbanyakan Tanaman melalui Kultur Jaringan, *Jurnal AgroBiogen*, **7** (1), 63-68.

Li, C., Liu, G., Liu, Q., Godwin, I.D. & Gilbert, R.G., 2015, Characterization of the Time Evolution of Starch Structure from Rice Callus, *Elsevier Carbohydrate Polymers*, **127**, 116-123.

Miladiyah, I. & Prabowo, B.R., 2012, Ethanolic Extract of *Anredera cordifolia* (Ten.) Steenis Lieaves Wound Healing in Guinea Pigs, *Universa Medicina*, **31** (1), 4-11.

Mittal, M., Siddiqui, M.R., Tran, K., Reddy, S.P. & Malik, A.B., 2014, Reactive Oxygen Species in Inflammation and Tissue Injury, *Antioxidants & Redox Signaling*, **20** (7), 1126-1167.

Morus, M., Baran, M., Rost-Roszkowska, M. & Skotnicka-Graca, U., 2014, Plant Stem Cells as Innovation in Cosmetics, *Acta Poloniae Pharmaceutica – Drug Research*, **71** (5), 701-707.

Nagori, B.P. & Solanki, R., 2011, Role of Medicinal Plants in Wound Healing, *Reasearch Journal of Medicinal Plants*, **5** (4), 392-405.

Novita, M., Satriana & Hasmarita, E., 2015, Kandungan Likopen dan Karotenoid Buah Tomat *Lycopersicon pyriforme*) pada Berbagai Tingkat Kematangan: Pengaruh Pelapisan dengan Kitosan dan Penyimpanan, *Jurnal Teknologi dan Industri Pertanian Indonesia*, **7** (1), 35-39.

Phan, T.T., Wang, L., See, P., Grayer, R.J., Chan, S.Y. & Lee, S.T., 2001, Phenolic Compounds of *Chromolaena odorata* Protect Cultured Skin Cells from Oxidative Damage: Implication for Cutaneous Wound Healing, *Biological and Pharmaceutical Bulletin*, **24** (12), 1373-1379.

Prakash, V., 2013, Terpenoid as Source of Anti-Inflammatory Compounds, *Asian Journal of Pharmaceutical and Clinical Research*, **10** (3), 68-76.

Prastowo, D., 2017, Uji Efek Sitoprotektif Ekstrak Sel Punca Tomat (*Lycopersicon esculentum* Mill.) dan Uji Daya Reduksi dengan Metode FRAP (Ferric Reducing Antioxidant Power) Secara In Vitro, *Skripsi*, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.

Preethi, K.C. & Kuttan, R., 2009, Wound Healing Activity of Flower Extract of *Calendula Officinalis*, *Journal of Basic & Clinical Physiology & Pharmacology*, **20** (1), 73-79.

Rashed, A.N., Afifi, F.U. & Disi, A.M., 2003, Simple Evaluation of the Wound Healing Activity of a Crude Extract of *Portulaca oleracea* L. (Growing in Jordan) in *Mus musculus* JVI-1, *Journal of Ethnopharmacology*, **88**, 131-136.

Rivai, R.R., Husni, A. & Purwito, A., 2014, Induksi Sel punca dan Embrio Somatik Tanaman Jambu Biji Merah (*Psidium guajava* L.), *Buletin Agrohorti*, **2** (1), 49-58.

Rodhiyah & Sulistiyawati, 2012, Pengaruh Ekstrak Minyak Biji Bunga Matahari (*Helianthus annuus*) terhadap Proses Awal Penyembuhan Luka, *Prosiding Seminar Biologi*, **9** (1), 706-711.

Rumiyati, Sismindari, Semiarti, E., Milasari, A.F., Sari, D.K., Fitriana, N. & Galuh, S., 2017, Callus Induction from Various Organ of Dragon Fruit, Apple, and Tomato on some Mediums, *Pakistan Journal of Biological Sciences*, **20** (5), 244-252.

Rusdianto & Indrianto, A., 2012, Induksi Sel punca Embriogenik Pada Wortel *Daucus carota* L.) Menggunakan 2,4-*Dichlorophenoxyacetic Acid* (2,4-D), **13** (2), 136-140.

Sablowski, R., 2007, The Dynamic Plant Stem Cell Niches, *Elsevier Plant Biology*, **10**, 639-644.

Sasidharan, S., Nilawatyi, R., Xavier, R., Latha, L.Y. & Amala, R., 2010, Wound Healing Potential of *Elaeis guineensis* Jacq Leaves in an Infected Albino Rat Model, *Molecules*, **15**, 3186-3199.

Scheres, B., 2005, Stem Cells: A Plant Biology Perspective, *Cell*, **122**, 499-504.

Schmid, D., Schurch, C., Blum, P., Belser, E. & Zulli, F., 2008, Plant Stem Cell Extract for Longevity of Skin and Hair, *SOFW Journal*, **134**, 30-35.

Scortichini, M. & Pia Rossi, M., 1991, Preliminary In Vitro Evaluation of the Antimicrobial Activity of *Leucas lavandulaefolia* Rees., *Journal of Ethnopharmacology*, **56** (2), 139-144.

Strodbeck, F., 2001, Physiology of Wound Healing, *Newborn and Onfant Nursing Reviews*, **1** (1), 43-52.

Sugihartini, N., Saridewi, R., Ramdhani, U., Rahmawati, F., Yuliani, S. & Sophia, V., 2017, Daya Anti-Inflamasi Krim Kombinasi Ekstrak Air The Hijau dan Vitamin C sebagai Antioksidan pada Mencit Jantan Galur Balb/C yang Diinduksi *Croton Oil*, *Traditional Medicine Journal*, **22** (2), 73-79.

Sung, Z.R. & Okimoto, R., 1983, Coordinate Gene Expression during Somatic Embryogenesis in Carrots, *Proceedings of the National Academy of Sciences of the United States of America*, **80**, 2661-2665.

Tito, A., Carola, A., Bimonte, M., Barbulova, A., Arciello, S., Laurentils, F., Monolo, I., Hill, J., Gilbertoni, S., Colucci, G. & Apone, F., 2011, A Tomato Stem Cell Extract, Containing Antioxidant Compounds and Metal Chelating Factors, Protects Skin Cells from Heavy Metalinduced Damages, *International Journal of Cosmetic Science*, **33**, 543-552.

Toor, R.K. & Savage, G.P., 2004, Antioxidant Activity in Different Fractions of Tomatoes, *Food Research International*, **38**, 487-494.

Toyokawa, H., Matsui, Y., Uhara, J., Tsuchiya, H., Teshima, S., Nakanishi, H., Kwon, A., Azuma, Y., Nagaoka, T., Ogawa, T. & Kamiyama, Y., 2003, Promotive Effects of Far-Infrared Ray on Full-Thickness Skin Wound Healing in Rats, *First Department of Surgery and regeneration Research Center for Intractable Disease,* **228**, 724-729.

Trehan, S., Kohn, B.M. & Beri, K., 2017, Plant Stem Cells in Cosmetics: Current Trends and Future Directions, *Future Science OA,* **3** (4).

Utama, A.D., 2018, Uji Aktivitas Sitoprotektif Ekstrak Etanol dan Air Sel Punca Tanaman Tomat (*Solanum lycopersicum* L.) Melalui Modulasi Profil Siklus Sel *Human Dermal Fibroblas Adult* (HDFa) yang Dipaparkan Hidrogen Peroksida (H_2O_2), *Skripsi*, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.

Velnar, T., Bailey, T. & Smrkolj, V., 2009, The Wound Healing Process: an Overview of the Cellular and Molecular Mechanisms, *The Journal of International Medical Research*, **37** (5), 1528-1542.

Verdeil, J.L., Alemanno, L., Niemenak, N. & Tranbarger, T.J., 2007, Pluripotent versus Totipotent Plant Stem Cells: Dependence versus Autonomy?, *Elsevier Plant Science*, **12** (6), 245-262.

Williams, C.S., Mann, M. & DuBois, R.N., 1999, The Role of Cyclooxygenases in Inflammation, Cancer, dan Development, *Oncogenes*, **18**, 7908-7916.