

DAFTAR PUSTAKA

- Abraham, D. J., dan Varga, J. (2005) Scleroderma: From Cell and Molecular Mechanisms to Disease Models. *Trends Immunol.* 26(1): 587–595
- Ågren, M. S., (2016) *Wound Healing Biomaterials Volume 1: Therapies and Regeneration*. Cambridge: Woodhead Publishing Limited. pp. 12-13.
- Agusmawanti, P. (2016). Efektivitas Pemberian Ekstrak Jahe Merah (*Zingiber Officinale*) Terhadap Jumlah Sel Fibroblas Dalam Proses Penyembuhan Ulkus Pada Mukosa Mulut Tikus Putih Jantan (*Rattus Norvegicus*). *ODONTO: Dental Journal*, 3(2): 98.
- Albert Einstein Institute for Animal Studies, (2015) Recommended Methods of Anesthesia, Analgesia, and Euthanasia for Laboratory Animal Species. *Laboratory Animal*. 1(718): 1–12.
- Alhasyimi, A. A., (2018) Induksi Reepitelisasi pada Proses Penyembuhan Luka Gingiva Oleh Aplikasi Topikal Ekstrak Daun Sage (*Salvia officinalis* L.) Konsentrasi 50% (Kajian In Vivo Pada Tikus Sprague Dawley). *Jurnal Kedokteran Gigi Universitas Baiturrahmah*. 3(1): 31–38.
- Aponno, J. V, Yamlean, P. V. Y., dan Supriati, H. S., (2014) Uji Efektivitas Sediaan Gel Ekstrak Etanol Daun Jambu Biji (*Psidium guajava* Linn) Terhadap Penyembuhan Luka yang Terinfeksi Bakteri *Staphylococcus Aureus* pada Kelinci (*Oryctolagus cuniculus*). *PHARMACON: Jurnal Ilmiah Farmasi – UNSRAT*. 3(3): 2302–2493.
- Ariyadi, T., dan Suryono, H., (2017) Kualitas Sediaan Jaringan Kulit Metode Microwave dan Conventional Histoprocessing Pewarnaan Hematoxylin Eosin. *Jurnal Labora Medika*. 1(1): 7–11.
- Aslam, M. S., Ahmad, M. S., Riaz, H., Raza, S. A., Hussain, S., Qureshi, O. S., dan Javed, O., (2018) Role of Flavonoids as Wound Healing Agent. *Phytochemicals - Source of Antioxidants and Role in Disease Prevention*. 1(1): 95–102.
- Bainbridge, P., (2013) Wound healing and the role of fibroblasts, *Journal of Wound Care*. 22(8): 407–412.
- Bancroft, J. D., (2008) *Theory and Practice of Histological Techniques*. Philadelphia: Elsevier. pp. 121-123.
- Barchitta, M., Maugeri, A., Favara, G., San Lio, R. M., Evola, G., Agodi, A., dan Basile, G., (2019) Nutrition and Wound Healing: An Overview Focusing on the Beneficial Effects of Curcumin, *International Journal of Molecular Sciences*. 20(5): 1–14.
- Biran, A. R., Chairani, S., Rusdiana, S., Dewi, P., Studi, P., Gigi, K., dan Sriwijaya, U., (2019) Efek Ekstrak Kulit Manggis (*Garcinia mangostana* L.) Terhadap Pembentukan Pembuluh Darah Baru Pada Luka Gingiva Tikus Wistar, *Jurnal Aisyiyah Medika*. 3(2): 199–207.

- Borkow, G., (2015) Using Copper to Improve the Well-Being of the Skin, *Current Chemical Biology*. 8(2): 89–102.
- Brand, H. S., Ligtenberg, A. J. M., dan Veerman, E. C. I., (2014) Saliva and Wound Healing Monographs in Oral Science. *S. Karger*. 2014(24): 52-60.
- Cañedo-Dorantes, L., dan Cañedo-Ayala, M., (2019) Skin Acute Wound Healing: A Comprehensive Review. *International Journal of Inflammation*. 2019(1): 1–15.
- Chhabra, S., Chhabra, N., Kaur, A., dan Gupta, N., (2017) Wound Healing Concepts in Clinical Practice of OMFS *Journal of Maxillofacial and Oral Surgery*. 16(4): 403–423.
- Chindo, B., Anuka, J., Isaac, E., Ahmadu, A., Tarfa, F., dan Gamaniel, K., (2010) Saponins are Involved in the Analgesic and Anti-inflammatory Properties of *Ficus platyphylla* Stem Bark. *International Journal of Biological and Chemical Sciences*. 4(2): 415–423.
- Choosri, N., Tanasawet, S., Chonpathompikunlert, P., dan Sukketsiri, W., (2017) *Apium Graveolens* Extract Attenuates Adjuvant Induced Arthritis by Reducing Oxidative Stress. *Journal of Food Biochemistry*. 41(1): 1–14.
- Clements, G., Yamlean, P. V. Y., dan Lolo, W. A., (2020) Formulasi dan Uji Aktivitas Antibakteri Krim Ekstrak Etanol Herba Seledri (*Apium graveolens* L.) Terhadap Bakteri *Staphylococcus aureus*. *Pharmacon Jurnal Ilmiah Farmasi*. 9(1): 229–236.
- Conn, P. M., (2009) *Sourcebook of Models for Biomedical Research*. New Jersey: Humana Press. pp. 631-637.
- Cutright, D. E., dan Bauer, H., (1965) Cell Renewal in the Oral Mucosa and Skin of the Rat. *Federal Dental Service*. 23(2): 249-259.
- Dale, P. D., Sherratt, J. A., dan Maini, P. K. (1997). Role of Fibroblast Migration in Collagen Fiber Formation During Fetal and Adult Dermal Wound Healing. *Bulletin of Mathematical Biology*. 59(6): 1077–1100.
- Darby, I. A., dan Hewitson, T. D., (2007) Fibroblast Differentiation in Wound Healing and Fibrosis. *International Review of Cytology*. 257(07): 143–179.
- Depkes, (2016) *Tikus Jawa : Teknik Survei Di Bidang Kesehatan*. Jakarta: Lembaga Penerbit Badan Penelitian dan Pengembangan Kesehatan. pp. 71-73.
- Destri, C., Sudiana, I. K., dan Nugraha, J., (2017) Potensi *Jatropha multifida* Terhadap Jumlah Fibroblast Pada Aphtous Ulcer. *Jurnal Biosains*. 19(1): 1–13.
- Deviandra, R., Safitri, F., dan Handaja, D., (2017) Efek Pemberian Seduhan Seledri (*Apium Graveolens* L.) Terhadap Kadar Asam Urat Pada Tikus Putih Jantan Strain Wistar (*Rattus Norvegicus*) Hiperurisemia. *Saintika Medika*. 9(2): 75.
- Dewi, P. S., (2018) Efektifitas Ekstrak Lidah Buaya Terhadap Jumlah Sel Fibroblast pada Proses Penyembuhan Luka Incisi Marmut. *Intisari Sains*

Medis. 9(3): 51–54.

- Dick, M. K., Miao, J. H., dan Limaiem, F., (2020) *Histology, Fibroblast*. Treasure Islan : Stat Pearls Publishing. pp. 1-4.F
- Din, Z. U., Shad, A. A., Bakht, J., Ullah, I., dan Jan, S., (2015) In Vitro Antimicrobial, Antioxidant Activity and Phytochemical Screening of *Apium graveolens*. *Pakistan Journal of Pharmaceutical Sciences.* 28(5): 1699–1704.
- Djajanti, A. D., dan Asfi, D., (2018) Uji Aktivitas Sediaan Krim Ekstrak Etanol Herba Seledri (*Apium Graveolens* L.) Terhadap Luka Sayat Pada Kelinci (*Oryctolagus cuniculus* L.). *Media Kesehatan Politeknik Kesehatan Makassar.* 13(2): 19–25.
- Ellyawati, E., (2018) Penentuan Waktu Yang Tepat Pada Proses Staining Dalam Pembuatan Preparat Histologis Hati. *Jurnal TEMAPELA.* 1(1): 28–30.
- Eriningsih, R., Yulina, R., dan Mutia, T., (2011) Pembuatan Karboksimetil Selulosa dari Limbah Tongkol Jagung untuk Pengental pada Proses Pencapan Tekstil. *Balai Besar Tekstil.* 26(2): 105–113.
- Ermawati, D., (2011) Sistem Penghantaran Obat Topikal dan Transdermal. *Transferrsom.* 1(1): 180–186.
- Fazal, S., dan Singla, R., (2012) Review on the Pharmacognostical & Pharmacological Characterization of *Apium Graveolens* Linn. *Indo Global Journal of Pharmaceutical Sciences.* 2(1): 36–42.
- Ferdiansyah, M., (2016) Kajian Karakteristik Karboksimetil Selulosa (CMC) dari Pelepah Kelapa Sawit Sebagai Upaya Diversifikasi Bahan Tambahan Pangan Yang Halal. *Jurnal Aplikasi Teknologi Pangan.* 5(4): 136–139.
- Fitridge, R., dan Thompson, M., (2011) *Mechanisms of Vascular Disease : A Reference Book for Vascular Specialists.* Adelaide: The University of Adelaide. pp. 423-425.
- Gabbiani, G. (2003) The Myofibroblast in Wound Healing and Fibrocontractive Diseases. *J. Pathol.* 200(1): 500–503
- Gartner, L. P., (2017) *Textbook of Histology.* Philadelphia: Elsevier. pp. 129-130.
- Gracioso, O., (2016) Topical Cosmetic Treatment of Skin and Scalp and Corresponding Active Ingredient Based on an Ectract of *Apium graveolens*. *WIPO.* 1(1): 1–39.
- Gupta, J., Gupta, R., dan Mathur, K., (2019) Pharmacognostical, Pharmacological and Traditional Perspectives of *Apium Graveolens*: an Ethnomedicinal Plant. *International Journal of pharma and Bio Sciences.* 9(3): 38–47.
- Guvva, S., Patil, M. B., dan DS, M., (2018) Rat as Laboratory Animal Model in Periodontology. *International Journal of Oral Health Sciences.* 7(1): 30–34.
- Handayani, F. W., Muhtadi, A., Farmasi, F., Padjadjaran, U., Dara, T., Manis, K., dan Aktif, S., (2013) Pemanfaatan Limbah Sebagai Bahan Baku Sintesis Karboksimetil Selulosa : Review. *Farmaka.* 4: 1–15.

- Handayani, L., dan Widowati, L., (2017) Analisis Lanjut Pemanfaatan Empiris Ramuan Seledri (*Apium graveolens* L) oleh Penyehat Tradisional. *Jurnal Kefarmasian Indonesia*. 10(1): 31–41.
- Handoko, T., Aulanni'am, dan Oktavianie, D. A. (2015). Pengaruh Terapi Ekstrak Etanol Akar Seledri (*Apium graveolens*) terhadap Aktifitas Protease dan Gambaran Histopatologi Jejunum Tikus (*Rattus norvegicus*) Model IBD (Inflammatory Bowel Disease) Hasil Induksi Indometasin. *Jurnal Kedokteran Hewan Universitas Brawijaya*. 1(1): 1–10.
- Harrison, J. W., (2010) Healing of Surgical Wounds in Oral Mucoperiosteal Tissues. *Journal of Endodontics*. 17(1): 1–8.
- Hartomo, B. T., dan Firdaus, F. G., (2019) Pemanfaatan Biomaterial Kitosan Dalam Bidang Bedah Mulut. *B-Dent: Jurnal Kedokteran Gigi Universitas Baiturrahmah*. 6(1): 62–70.
- Hashemi, S. A., Madani, S. A., dan Abediankenari, S., (2015) The Review on Properties of Aloe vera in Healing of Cutaneous Wounds. *BioMed Research International*. 2015(1): 1-6.
- Hau, J., dan Hoosier, G. L., (2002) *Handbook of Laboratory Animal Science*. CRC Press: Florida. pp. 98-99.
- Hengky, T., Saraswati, I., Istiadi, H., Karlowee, V., Muniroh, M., dan Mahati, E. (2020). *Apium Graveolens* Linn Affects Fibroblast and Collagen Density on the Incision Wound Healing. *Malaysian Journal of Medicine and Health Science*. 16(5): 86–90.
- Hosseinzade, A., Sadeghi, O., Biregani, A. N., Soukhtehzari, S., Brandt, G. S., dan Esmailzadeh, A., (2019) Immunomodulatory Effects of Flavonoids: Possible Induction of T CD4+ Regulatory Cells through Suppression of mTOR Pathway Signaling Activity. *Frontiers in Immunology*. 10(1): 1–12.
- Howell, D. C., Johns, R. H, Lasky, J. A., Shan, B., Scotton, C. J., Laurent, G. J., (2005) Absence of Proteinase-activated Receptor-1 Signaling Affords Protection from Bleomycin-induced Lung Inflammation and Fibrosis. *J. Pathol*. 166(1):1353-1365
- Ibrahim, N. 'Izzah, Wong, S. K., Mohamed, I. N., Mohamed, N., Chin, K. Y., Ima-Nirwana, S., dan Shuid, A. N., (2018) Wound Healing Properties of Selected Natural Products. *International Journal of Environmental Research and Public Health*. 15(11): 1–23.
- Istiati, Nirwana, I., Surjono, I., dan Surboyo, M. D. C., (2019) Role of Lactoferrinin Fibroblast Growth Factor 2 and Vascular Endothelial Growth Factor in Gingival Wounds. *Journal of Krishna Institute of Medical Sciences University*. 8(3): 38–45.
- Islami, S. I., Munawir, A., dan Astuti, I. S. W. (2018). Efek Pemberian Membran Bakiko (Bayam- Kitosan- Kolagen) terhadap Jumlah Fibroblas pada Luka

Bakar Derajat II. *Hang Tuah Medical Journal*. 15(2): 93–111.

- Ismardianita, E., dan Rosalina, W. (2020). Acceleration of Granulation Tissue Using *Myrmecodiapendens* Extract Induction During Wound Healing Tooth Extraction Process (Experimental Research on Caviacobaya). *Journal of Dentomaxillofacial Science*. 5(2): 124–128.
- Kapoor, P., Sachdeva, S., dan Sachdeva, S., (2011) Topical Hyaluronic Acid in The Management of Oral Ulcers. *Indian Journal of Dermatology*. 56(3): 300–302.
- Kartiningtyas, A. T., Prayitno, P., dan Lastianny, S. P., (2015) Pengaruh Aplikasi Gel Ekstrak Kulit Citrus *Sinensis* terhadap Epitelisasi pada Penyembuhan Luka Gingiva Tikus Sprague Dawley. *Majalah Kedokteran Gigi Indonesia*. 1(1): 86.
- Kaur, L. P., dan Guleri, T. K., (2013) Topical Gel: A Recent Approach for Novel Drug Delivery. *Asian Journal of Biomedical & Pharmaceutical Science*. 3(17): 1–5.
- Kim, S. S., (2015) Underlying Mechanisms Regulating Gingival Healing and Fibrosis. *Western: Graduate and Postdoctoral Studies*. 1(1): 1-224.
- Kim, Y. S., Cho, I. H., Jeong, M. J., Jeong, S. J., Nah, S. Y., Cho, Y. S., dan Bae, C. S., (2011) Therapeutic Effect of Total Ginseng Saponin on Skin Wound Healing. *Journal of Ginseng Research*. 35(3): 360–367.
- Ko, U. H., Choi, J., Choung, J., Moon, S., dan Shin, J. H., (2019) Physicochemically Tuned Myofibroblasts for Wound Healing Strategy. *Scientific Reports*. 9(1): 1–12.
- Kollab, W. A., dan Alamen, S. M., (2018) Qualitative and Quantitative Screening of The Chemical Components for Selected Medicinal Plants from Libya. *Journal of Medicinal Plants Studies*. 6(1): 92–95.
- Kondo, M., Yamato, M., Takagi, R., Murakami, D., Namiki, H., dan Okano, T., (2014) Significantly Different Proliferative Potential of Oral Mucosal Epithelial Cells Between Six Animal Species. *Journal of Biomedical Materials Research*. 102(6): 1829–1837.
- Koolhaas, J. M., (2010) *The UFAW Handbook on the Care and Management of Laboratory and Other Research Animals*. 8th Edition. West Sussex: Willey-Blackwell. pp. 311-324.
- Kooti, W., Ali-akbari, S., Asadi-samani, M., Ghadery, H., dan Ashtary-larky, D., (2014) A Review on Medicinal Plant of *Apium graveolens*. *Advanced Herbal Medicine*. 1(1): 48–59.
- Kooti, W., dan Daraei, N., (2017) A Review of the Antioxidant Activity of Celery (*Apium graveolens* L). *Journal of Evidence-Based Complementary and Alternative Medicine*. 22(4): 1029–1034.
- Kooti, W., Moradi, M., Peyro, K., Sharghi, M., Alamiri, F., Azami, M., dan Ghafourian, M., (2018) The Effect of Celery (*Apium graveolens* L.) on

- Fertility: A systematic review. *Journal of Complementary and Integrative Medicine*. 15(2): 1–11.
- Krinke, G. J., (2000) *The Laboratory Rat : Handbook of Experimental Animals*. Academic Press: London. pp. 4-5.
- Kristianingsih, I., Nurmalia, U., Pratama, N. S., dan Kustiani, N. R., (2018) Gel Hand Sanitizer of Celery Laves *Apium graveolens* Linn. as Antibacteria. *Media Farmasi Indonesia*. 13(1): 1324–1329.
- Kumar, V., Abbas, A. K., dan Aster, J. C., (2018) *Robbins Basic Pathology* (10th ed.). Philadelphia: Elsevier Saunders. pp. 60-93.
- Kusnadi, K., dan Devi, E. T., (2017) Isolasi dan Identifikasi Senyawa Flavonoid pada Ekstrak Daun Seledri (*Apium graveolens* L.) Dengan Metode Refluks. *PSEJ*. 2(1): 56–67.
- Kusumadewi, A., dan Widiyastuti, Y., (2018) Uji Potensi Antioksidan Herba Seledri (*Apium graveolens* L.) Secara In Vitro. *Jurnal Tumbuhan Obat Indonesia*. 3(1): 59–64.
- Larjava, H., (2012) *Oral Wound Healing: Cell Biology and Clinical Management*. Iowa: John Wiley & Sons. pp. 3-44.
- Listgarten, M. A., (1975) Similarity of Epithelial Relationships in the Gingiva of Rat and Man. *Journal of Periodontology*. 46(11): 677–680.
- Luís, A., Ruela, M., Perissinato, A. G., Esselin, M., dan Lino, D. S., (2016) Evaluation of Skin Absorption of Drugs From Topical and Transdermal Formulations. *Brazilian Journal of Pharmaceutical Sciences*. 52(3): 527–544.
- Mardiyantoro, F., Fidya, dan Andriani, D. S., (2019) Jumlah Fibroblas Pada Luka Pasca Pencabutan Gigi Tikus Putih. *ODONTO: Dental Journal*. 6(1): 1–5.
- Mardiyantoro, F., Munika, K., Sutanti, V., Cahyati, M., dan Pratiwi, A. R., (2018) *Penyembuhan Luka Rongga Mulut*. Malang: Tim UB Press. pp. 5-32.
- Mescher, A. L., (2013) *Junqueira's Basic Histology: Text and Atlas*. 13th ed. New York: McGraw-Hill. pp. 1-4; 98-100.
- Moores, J., (2013) Vitamin C: A Wound Healing Perspective. *British journal of community nursing*. 12(6):.
- Morikawa, T., Ninomiya, K., Takamori, Y., Nishida, E., Yasue, M., Hayakawa, T., dan Matsuda, H., (2015) Oleanane-type Triterpene Saponins with Collagen Synthesis-promoting Activity from the Flowers of *Bellis perennis*. *Phytochemistry*. 116(1): 203–212.
- Müller, H.-P., (2005) *Periodontology : The Essentials*. New York: Thieme. pp. 6-7.
- Muntiha, M., (2001) Teknik Pembuatan Preparat Histopatologi dari Jaringan Hewan dengan Pewarnaan Hematoksilin dan Eosin. *Balai Penelitian Veteriner*. 1(1): 156–163.

- Nagella, P., Ahmad, A., Kim, S. J., dan Chung, I. M., (2012) Chemical Composition, Antioxidant Activity and Larvicidal Effects of Essential Oil From Leaves of *Apium graveolens*. *Journal of Immunopharmacology and Immunotoxicology*. 34(2): 205–209.
- Napanggala, A., dan Susanti, A. E., (2014) Effect of *Jatropha*'s (*Jatropha curcas* L.) Sap Topically in The Level of Cuts Recovery on White Rats Sprague dawley Strain. *Majority*. 3(5): 26–35.
- Nazaruk, J., dan Galicka, A., (2014) The Influence of Selected Flavonoids From the Leaves of *Cirsium Palustre* (L.) Scop. on Collagen Expression in Human Skin Fibroblasts. *Phytotherapy Research*. 28(9): 1399–1405.
- Newman, M. G., Takei, H. H., Klokkevold, P. R., dan Carranza, F. A., (2015) *Carranza's Clinical Periodontology Oral Surgery, Oral Medicine, Oral Pathology*. 12th Ed. Missouri: Elsevier Saunders. 9-16.
- Nofikasari, I., Rufaida, A., Aqmarina, C. D., Failasofia, F., Fauzia, A. R., dan Handajani, J., (2016) Efek Aplikasi Topikal Gel Ekstrak Pandan Wangi Terhadap Penyembuhan Luka Gingiva. *Majalah Kedokteran Gigi Indonesia*. 2(2): 53.
- Novitasari, A. I. M., Indraswary, R., dan Pratiwi, R., (2017) Pengaruh Aplikasi Gel Ekstrak Membran Kulit Telur Bebek 10% Terhadap Kepadatan Serabut Kolagen Pada Proses Penyembuhan Luka Gingiva. *ODONTO: Dental Journal*. 4(1): 13.
- Nurmawati, E., Hendrawati, dan Al Sri Koessesilowati, (2008) Pengaruh Aplikasi Ekstrak Lidah Buaya (*Aloe vera*) Secara Topikal Perhadap Peningkatan Angiogenesis Penyembuhan Luka pada Gingiva Tikus (*Sprague dawley*). *Journal MIKGI*. 10(2): 97-100.
- Oleszek, W., dan Marston, A., (2013) *Saponins in Food, Feedstuffs and Medicinal Plants*. New York: Springer. pp. 1-2.
- Öri, F., Dietrich, R., Ganz, C., Dau, M., Wolter, D., Kasten, A., dan Frerich, B., (2017) Silicon-dioxide–polyvinylpyrrolidone as A Wound Dressing for Skin Defects in A Murine Model. *Journal of Cranio-Maxillofacial Surgery*. 45(1): 99–107.
- Orton, T. J., dan Arus, P., (1984) Outcrossing in Celery (*Apium graveolens*). *Euphytica*. 33(2): 471–480.
- Ovodova, R. G., Golovchenko, V. V., Popov, S. V., Popova, G. Y., Paderin, N. M., Shashkov, A. S., dan Ovodov, Y. S. (2009). Chemical Composition and Anti-inflammatory Activity of Pectic Polysaccharide Isolated from Celery Stalks. *Food Chemistry*. 114(2): 610–615.
- Parnell, L. K. S., dan Volk, S. W., (2019) The Evolution of Animal Models in Wound Healing Research: 1993-2017. *Advances in Wound Care*. 8(12): 692–702.
- Perdanakusuma, D., dan Hariani, L., (2015) *Modern Wound Management* :

Indication & Application. Surabaya: Revka Petra Media. pp.7-9.

- Peter, K. V., (2006) *Handbook of Herbs and Spices*. Cambridge: Woodhead Publishing Limited. pp. 317-324.
- Pippi, R., (2017) Post-surgical Clinical Monitoring of Soft Tissue Wound Healing in Periodontal and Implant Surgery. *International Journal of Medical Sciences*. 14(8): 721–728.
- Poernomo, H., (2017) Tatalaksana Flap pada Rongga Mulut. *Interdental : Jurnal Kedokteran Gigi*. 13(2): 24–27.
- Politis, C., Schoenaers, J., Jacobs, R., dan Agbaje, J. O., (2016) Wound Healing Problems in The Mouth. *Frontiers in Physiology*. 7(11): 1–13.
- Primadina, N., Basori, A., dan Perdanakusuma, D. S., (2019) Proses Penyembuhan Luka Ditinjau dari Aspek Mekanisme Seluler dan Molekuler. *Qanun Medika*. 3(1): 31.
- Pulikkotil., dan Nath, S., (2013) Rat Gingival Model for Testing Drugs Influencing Inflammation. *International E-Journal of Science, Medicine, and Education*. 7(2): 8–16.
- Pullar, J. M., Carr, A. C., dan Vissers, M. C. M., (2017) The Roles of Vitamin C in Skin Health. *Nutrients*. 9(8): 1-27.
- Puspasari, A., Harijanti, K., Soebadi, B., Hendarti, H. T., Radithia, D., dan Ernawati, D. S. (2018). Effects of Topical Application of Propolis Extract on Fibroblast Growth Factor-2 and Fibroblast Expression in the Traumatic Ulcers of Diabetic *Rattus norvegicus*. *Journal of Oral and Maxillofacial Pathology*. 21(1): 54–58.
- Putri, R. R., Hakim, R. F., dan Rezeki, S. (2017). Pengaruh Ekstrak Daun Tapak Dara (*Catharanthus Roseus*) Terhadap Jumlah Fibroblas Pada Proses Penyembuhan Luka Di Mukosa Oral. *Journal Caninus Denstistry*. 2(1): 20–30.
- Ravindran, P. N., (2017) *The Encyclopedia of Herbs and Spices*. Boston: CAB International. pp. 228.
- Rembe, J. D., Fromm-Dornieden, C., dan Stuermer, E. K., (2018) Effects of Vitamin B Complex and Vitamin C on Human Skin Cells: Is the Perceived Effect Measurable?. *Advances in Skin and Wound Care*. 31(5): 225–233.
- Rodrigues Neves, C., Buskermolen, J., Roffel, S., Waaijman, T., Thon, M., Veerman, E., dan Gibbs, S., (2019) Human Saliva Stimulates Skin and Oral Wound Healing in Vitro. *Journal of Tissue Engineering and Regenerative Medicine*. 13(6): 1079–1092.
- Rognoni, E., Pisco, A. O., Hiratsuka, T., Sipilä, K. H., Belmonte, J. M., Mobasserri, S. A., Philippeos, C., Dilão, R., dan Watt, F. M. (2018). Fibroblast State Switching Orchestrates Dermal Maturation and Wound Healing. *Molecular Systems Biology*. 14(8): 1–20.

- Ruauw, E. D., Wantania, F. E., dan Leman, M.A., (2016) Pengaruh Lidah Buaya (Aloe vera) terhadap Waktu Penutupan Luka Sayat ada Mukosa Rongga Mulut Tikus Wistar. *Jurnal Ilmiah Farmasi*. 5(2): 22–28.
- Rusdiana, T., (2018) Telaah Tanaman Seledri (*Apium graveolens* L.) Sebagai Sumber Bahan Alam Berpotensi Tinggi dalam Upaya Promotif Kesehatan. *Indonesia Natural Research Pharmaceutical Journal*. 3(1): 1–8.
- Safitri, D., Rahim, E. A., dan Sikanna, R., (2017) Sintesis Karboksimetil Selulosa (CMC) dari Selulosa Kulit Durian (*Durio zibethinus*). *KOVALEN*. 3(4): 58–68.
- Salcido, R. S., (2017) Healing by Intention. *Advances in Skin & Wound Care*. 30(6): 246–247.
- Salehi, B., Venditti, A., Frezza, C., Yüceetepe, A., Altuntaş, Ü., Uluata, S., dan Sharifi-Rad, J., (2019) Apium Plants: Beyond Simple Food and Phytopharmacological Applications. *Applied Sciences*. 9(17): 1–39.
- Saputra, O., dan Fitria, T., (2016) Khasiat Daun Seledri (*Apium Graveolens*) Terhadap Tekanan Darah Tinggi Pada Pasien Hiperkolesterolemia. *Majority*. 5(2): 120–125.
- Sarshar, S., Sendker, J., Qin, X., Goycoolea, F. M., Asadi Karam, M. R., Habibi, M., dan Hensel, A., (2018) Antiadhesive Hydroalcoholic Extract from *Apium graveolens* Fruits Prevents Bladder and Kidney Infection Against Uropathogenic *E. coli*. *Fitoterapia*. 127: 237–244.
- Sayuti, N. A., (2015) Formulasi dan Uji Stabilitas Fisik Sediaan Gel Ekstrak Daun Ketepeng Cina (*Cassia alata* L.). *Jurnal Kefarmasian Indonesia*. 5(2): 74–82.
- Seoane, J., Varela-Centelles, P. I., Limeres-Posse, J., dan Seoane-Romero, J. M., (2013) A punch technique for gingival incisional biopsy. *Laryngoscope*. 123(2): 398–400.
- Serhan, C. N., Ward, P. A., dan Gilroy, D. W., (2010) *Fundamentals of Inflammation*. New York: Cambridge University Press. pp. 217.
- Shah, V. P., Maibach, H. I., dan Jenner, J., (2015) *Topical Drug Bioavailability, Bioequivalence, and Penetration, Second Edition*. New York: Springer. pp. 183-185.
- Shannon, D. B., McKeown, S. T. W., Lundy, F. T., dan Irwin, C. R., (2006) Phenotypic Differences Between Oral and Skin Fibroblasts in Wound Contraction and Growth Factor Expression. *Wound Repair and Regeneration*. 14(2): 172–178.
- Singh, M. P., Nagori, B. P., Shaw, N. R., Tiwari, M., dan Jhanwar, B., (2013) Topical Gel: a Homogenous Preparation. *International Journal of Pharmaceutical Research and Bio-Science*. 2(5): 424–437.
- Smith, P. C., Mcculloch, C., Martinez, C. E., dan Martínez, J., (2019) Role of Fibroblast Populations in Periodontal Wound Healing and Tissue Remodeling.

Frontiers in Physiology. 10(270): 1–13.

- Soesilawati, P., (2020) *Histologi Kedokteran Dasar*. Surabaya: Airlangga University Press. pp. 2-3.
- Sowbhagya, H. B., (2014) Chemistry, Technology, and Nutraceutical Functions of Celery (*Apium graveolens* L.): An Overview. *Critical Reviews in Food Science and Nutrition*. 54(3): 389–398.
- Sri Pradnyani, I. G. A., (2017) Tetrasiklin HCL Gel 0,7% Meningkatkan Jumlah Sel Fibroblas dan Mempertebal Ligamen Periodontal pada Sulkus Gingiva Tikus yang Mengalami Periodontitis. *Intisari Sains Medis*. 8(1): 14.
- Struillou, X., Boutigny, H., Soueidan, A., dan Layrolle, P., (2010) Experimental Animal Models in Periodontology: A Review. *The Open Dentistry Journal*. 4(1): 37–47.
- Sudarsono, (2002) *Tumbuhan Obat II: Hasil Penelitian, Sifat-sifat, dan Penggunaan*. Yogyakarta: Universitas Gadjah Mada. 3-5
- Sumbayak, E. M., (2015) Tinjauan Pustaka Fibroblas : Struktur dan Peranannya dalam Penyembuhan Luka. *Jurnal Kedokteran Meditek*. 21(6): 1–6.
- Surjushe, A., Vasani, R., dan Saple, D., (2008) Aloe vera: A short review. *Indian Journal of Dermatology*. 53(4): 163–166.
- Susanty, S., dan Bachmid, F., (2016) Perbandingan Metode Estraksi Maserasi dan Refluks Terhadap Kadar Fenolik dari Ekstrak Tongkol Jagung (*Zea mays* L.). *Jurnal Konversi*. 5(2): 87.
- Tashakori-Sabzevar, F., Razavi, B. M., Imenshahidi, M., Daneshmandi, M., Fatehi, H., Sarkarizi, Y. E., dan Mohajeri, S. A., (2016) Evaluation of Mechanism for Antihypertensive and Vasorelaxant Effects of Hexanic and Hydroalcoholic Extracts of Celery Seed in Normotensive and Hypertensive Rats. *Brazilian Journal of Pharmacognosy*. 26(5): 619–626.
- Tracy, L. E., Minasian, R. A., dan Catterson, E. J., (2016) Extracellular Matrix and Dermal Fibroblast Function in the Healing Wound. *Advances in Wound Care*. 5(3): 119–136.
- Tyagi, S., J. Chirag, P., Dhruv, M., Ishita, M., Gupta, A. K., Usman, M. R. M., dan Maheshwari, R. K., (2013) Medical Benefits of *Apium Graveolens* (Celery Herb). *Journal of Drug Discovery and Therapeutics*. 1(5): 36–38.
- Umarudin, Susanti, R., dan Yuniastuti, A., (2012) Efektivitas Ekstrak Tanin Seledri Terhadap Profil Lipid Tikus Putih Hiperkolesterolemi. *Unnes Journal of Life Science*. 1(2): 78-85.
- Wangko, S., dan Karundeng, R., (2014) Komponen Sel Jaringan Ikat. *Jurnal Biomedik*. 6(3): 1–7.
- Widiartini, W., Siswati, E., Setiyawati, A., Rohmah, I., dan Prastyo, E., (2015) Pengembangan Usaha Produksi Tikus Putih (*Rattus norvegicus*) Tersertifikasi Dalam Memenuhi Kebutuhan Hewan Laboratorium. *Fakultas*

Peternakan dan Pertanian Universitas Diponegoro. 1(2): 1–8.

- Wolf, H. F., dan Rateitschak-Pluss, E. M., (2011) *Color Atlas of Dental Medicine: Periodontology: Periodontology*. New York: Thieme. pp. 8-14.
- Wulandari, D. I., Fitriarningsih, S. P., dan Mulqie, L., (2016) Uji Aktivitas Antiinflamasi Ekstrak Etanol Herba Seledri (*Apium graveolens* L.) terhadap Tikus Wistar Jantan. *Prosiding Farmasi*. 2(1): 59–66.
- Xu, Y., Liu, P., Xu, S., Koroleva, M., Zhang, S., Si, S., dan Jin, Z. G., (2017) Tannic Acid as A Plant-derived Polyphenol Exerts Vasoprotection Via Enhancing KLF2 Expression in Endothelial Cells. *Scientific Reports*. 7(1): 1–9.
- Yanhendri, S. W. Y., (2012) Berbagai Bentuk Sediaan Topikal dalam Dermatological. *Cdk-194*. 39(6): 423–430.
- Yao, Y., Sang, W., Zhou, M., dan Ren, G., (2010) Phenolic Composition and Antioxidant Activities of 11 Celery Cultivars. *Journal of Food Science*. 75(1): 9–13.
- Young, B., Lowe, J. S., Stevens, A., dan Heath, J. W., (2006) *Wheater's Functional Histology*. Philadelphia: Elsevier. pp. 430
- Yusni, Y., Zufry, H., Meutia, F., dan Sucipto, K. W., (2018) The Effects of Celery Leaf (*Apium graveolens* L.) Treatment on Blood Glucose and Insulin Levels in Elderly Pre-Diabetics. *Saudi Medical Journal*. 39(2): 154–160.
- Zinder, R., Cooley, R., Vlad, L. G., dan Molnar, J. A., (2019) Vitamin A and Wound Healing. *Nutrition in Clinical Practice*. 34(6): 839–849.
- Ziyan, L., Yongmei, Z., Nan, Z., Ning, T., dan Baolin, L., (2007) Evaluation of the Anti-inflammatory Activity of Luteolin in Experimental Animal Models. *Planta Medica*. 73(3): 221–226.