

DAFTAR PUSTAKA

- Ankit K., Shigeng, L., Chieh-Min, C., dan Daeyeon, L., 2015, Recent Developments in Phase Inversion Emulsification, *Industrial and Engineering Chemistry Research*, 54(34), 8375-8396.
- Ansel J. L., Lupo E., dan Mijouin, L., 2016, Biological activity of Polynesian *Calophyllum inophyllum* oil extract on human skin cells, *Planta Medica*, 82(11/12), 961–966.
- Ali, S., M., dan Yosipovitch, G., 2013, Skin pH : From Basic Science to Basic Skin Care, *Acta Dermato-Venereologica*, 93(3), 203.
- Alvarenga, M. B., Francisco, A. A., Oliveira, S. M. J. V., Silva, F. M. B., Shimoda, G. T., dan Damiani, L. P., 2015, Episiotomy Healing Assessment: Redness, Oedema, Ecchymosis, Discharge, Approximation (REEDA) Scale Reliability., *Revista Latino-Americana de Enfermagem*, 23(1), 162-8.
- Arumugam, A., dan Ponnusami, V., 2019, Biodiesel production from *Calophyllum inophyllum* oil a potential non-edible feedstock: An overview, *Renew Energy*, 1(131): 459–71.
- Ayumi, D., Sumaiyah, S., dan Masfria, M., 2018, Pembuatan Dan Karakterisasi Nanopartikel Ekstrak Etanol Daun Ekor Naga (*Rhaphidophora pinnata* (L.f.) Schott) Menggunakan Metode Gelasi Ionik, *Talenta Conference Series: Tropical Medicine (TM)*, 1(3), 029–033.
- Baradero, M., 2005, *Prinsip dan Praktek Keperawatan Perioperatif*, 12-13, Penerbit Buku Kedokteran EGC, Jakarta.
- Baroroh, D. B., 2011, *Konsep Luka*, 2-3, Basic Nursing Departement, PSIK FIKES UMM, Malang.
- Baxter, C., 1990, *The Normal Healing Process. In: New Directions in Wound Healing*, 58-59, NJ: E.R. Squibb & Sons, Inc. Princeton.
- Bhat, A.H., dan Abdul, Khalil, H.P.S., 2011, Nano Filler Based on Oil Palm Ash Polypropylene Composites, *Bio-Resouces*, 6(2), 1288-1297
- Boateng, Joshua, S., Kerr, H., Matthews, Howard, N, E., Stevens, Gillian, M., Eccleston, 2008, Wound Healing Dressing and Drug Delivery System, *Journal of Pharmaceutical Sciences*, 97(8), 11.
- Broughton, G., Janis, J., Attinger, C., 2006, The Basic Science of Wound Healing, *Journal Plastic and Reconstructive Surgery*, 117, 12-34.
- Campbell, N.A., Jane, B., Reece, 2008, *Biology*, (8th)Ed, 27, San Francisco Lange Medical Books, McGraw-Hill.
- Departemen Kesehatan Republik Indonesia, 1979, *Materia Medika Indonesia*, Jilid III, 34, Departemen Kesehatan Republik Indonesia, Jakarta.
- Departemen Kesehatan Republik Indonesia, 2020, *Farmakope Indonesia VI*, 56-57, Jakarta, Indonesia.
- Diegelmann, R. F., dan Evans, M. C, 2004, Wound Healing: An Overview of Acute, Fibrotic and Delayed Healing, *Frontiers in Molecular Biosciences*, 9, 283-289.

- Djuanda, Adhi., 2007, *Ilmu Penyakit Kulit dan Kelamin*, Edisi kelima, 89-91, Balai Penerbit FKUI, Jakarta.
- Draganoiu, E., Rajabi-Siahboomi, A., Tiwari, S., 2009, Carbomer dalam Rowe, R. C., Sheskey, P.J., dan Owen S.C., (Eds.), *Handbook of Pharmaceutical Excipients*, Edisi 6, 110-114, Pharmaceutical Press and American Pharmacist Association, London.
- Dweck, A.C., dan Meadows, T., 2002, Tamanu (*Calophyllum inophyllum*): The African, Asian, Polynesian and Pacific Panacea, *International Journal of Cosmetic Science*, 24(6), 341– 348.
- Ebtsam M.A., Soha, M., Kandil, H.M.F., dan Miniawy, E.I., 2017, Brain Targeting Efficiency of Antimigrain Drug Loaded Mucoadhesive Intranasal Nanoemulsion, *International Journal of Pharmaceutics*, 529, 667-677.
- Echeverri, J.D., Alhajj, M.J., Montero, N., Yarce, C.J., Barrera-Ocampo, A., dan Salamanca, C.H., 2020, Study of In Vitro and In Vivo Carbamazepine Release from Coarse and Nanometric Pharmaceutical Emulsions Obtained via Ultra-High-Pressure Homogenization, *Pharmaceutics*, 13(4), 53.
- El-Ghalbzouri, A., Gibbs, S., Lamme, E., Van Blitterswijk, C. A., dan Ponec, M., 2002, Effect of Fibroblast on Epidermal Regeneration, *British Journal of Dermatology*, 147(2), 230-43.
- Emilda, 2019, Tumbuhan Nyamplung (*Chalohyllum inophyllum* Linn) dan Bioaktifitasnya, *SIMBIOSA*, 8, 136.
- Erdogan, S., Sevil, Falay, Tugba, Terzi, Neslihan, dan Dogan, B., 2019, Investigation Of The Effect Of Tamanu Oil On Wound Healing In Rats, *Journal of Wound Care*, Sultan Abdulhamid Han Training And Research Hospital, Dermatology, Istanbul, Turkey, 10, 30.
- Eroschenko, V.P., 2012, *Atlas Histologi di Fiore*, Penerbit Buku Kedokteran EGC, Jakarta.
- Ernoviya, E., Masfria, M., dan Sinaga, K.R., 2018, Optimization and Evaluation of Topical Ketoconazole Nanoemulsion, *Asian Journal of Pharmaceutical and Clinical Research*, 11(5), 143-146.
- Falanga, V., 2003, *Mechanisms of Cutaneous Wound Repair dalam: Freedberg IM, Wolff K, Eisen A. Z., editor, Fitzpatrick's Dermatology in General Medicine*, Edisi ke-6, Graw-Hill, New York, 236-46.
- Fanun, M., 2010, Formulation and Characterization of Microemulsions Based on Mixed Nonionic Surfactants and Peppermint Oil, *Journal of Colloid and Interface Science*, 343, 496-503.
- Ferguson, M. W. J., dan Leigh, I. M., 2022, *Wound Healing, dalam: Champion, R.H., Burton, J.L., Burns, D.A., Breathnach, S.M., Textbook of Dermatology*, Edisi 6, Blackwell Science Ltd, London, 337-43.
- Ferreira, M. C., Tuma, P., Carvalho, V. F., dan Kamamoto, F., 2006, *Complex Wounds*, Clinics, 61, 571-578.
- Garg, A., Aggarwal, D., Garg, S., dan Singla, A.K., 2002, Spreading of Semisolid Formulations: An Update, *Pharmaceutical Technology*, 26, 84-105.

- Gaur, S., 2014, Nanoemulsion Gel as Novel Oil Based Colloidal Nanocarrier for Topical Delivery of Bifonazole, *Indian Research Journal of Pharmacy and Science*, 1(3), 36-54.
- Ghetti, M., Topouzi, H., Theocharidis, G., Papa, V., Williams, G., Bondioli, E., Cenacchi, G., Connelly, J.T., dan Higgins, C.A., 2018, Subpopulations of Dermal Skin Fibroblasts Secrete Distinct Extracellular Matrix: Implications for Using Skin Substitutes in the Clinic, *British Journal of Dermatol*, 179, 381-393.
- Ginigini, J., Lecellier, G. J., Nicolas, M., Nour, M., Hnawia, E., Lebouvier, N., Herbertte, G., Lockhart, P., dan Raharivelomanana, P., 2019, Chemodiversity of *Calophyllum inophyllum* L. Oil Bioactive Components Related to Their Specific Geographical Distribution in the South Pacific Region, *PeerJ*, 7, 6896.
- Guo. S., dan Dipietro L.A., 2010, Factors Affecting Wound Healing, *Journal of Dental Research*, 89(3), 219-229.
- Gurtner, G. C., Werner, S., Barrandon, Y., dan Longaker, M. T., 2008, Wound Repair and Regeneration, *Nature*, 453, 314–321.
- Jaiswal, M., Dudhe, R., dan Sharma, P.K., 2015, Nanoemulsion: An Advanced Mode of Drug Delivery System, *3 Biotech*, 5, 123–127.
- Jivani, M., Patel, C., dan Prajapati, B., 2018, Nanoemulgel Innovative Approach for Topical Gel Based Formulation, *The Research and Reviews on Healthcare: Open Access Journal (RRHOAJ)*, 1, 18-23.
- Juniatik M., Hidayati K., Wulandari F. P., dan Pangestuti N., 2017, Formulation of Nanoemulsion Mouthwash Combination of Lemongrass Oil (*Cymbopogon citratus*) and Kaffir Lime Oil (*Citrus hystrix*) Against *Candida albicans* ATCC 10231, *Traditional Medicine Journal*, 22(4), 7–15.
- Khasanah, N., 2016, Pengaruh Konsentrasi Polimer Karbopol 940 sebagai *Gelling Agent* Terhadap Sifat Fisik Emulgel Gamma-Oryzanol, *Skripsi*, Universitas Islam Negeri Syarif Hidayatullah, Jakarta.
- Klune, C.B., Robbins, H. N., Leung, V.S., dan Pang, D.S., 2020, Hypothermia During General Anesthesia Interferes with Pain Assessment in Laboratory Rats (*Rattus norvegicus*), *The Journal of the American Association for Laboratory Animal Science (JAALAS)*, 59(6), 719-725.
- Lachman, L., Lieberman, H., dan Kanig, J., 2007, *The Theory and Particle of Industrial Pharmacy*, 357, Washington Square, Philadelphia, USA.
- Lawton, S., 2019, Skin 1: The Structure and Function of the Skin, *Nursing Times*, 115(12): 30-33.
- Leksono, B., Hendrati, R., Windyarini, E., dan Hasnah, T.M., 2013, Coumarins Content Of Seed And Crude Oil Of Nyamplung (*Calophyllum Inophyllum*) From Forest Stands In Indonesia, *International Seminar "Forests & Medicinal Plants for Better Human Welfare"*, 108, 114-115.

- Leu, T., Raharivelomanana, P., Soulet, S., Bianchini, J.P., Herbette, G., dan Faure, R., 2009, New Tricyclic and Tetracyclic Pyranocoumarins With an Unprecedented C-4 Substituent. Structure Elucidation of Tamanolide, Tamanolide D and Tamanolide P from *Calophyllum inophyllum* of French Polynesia, *Magnetic Resonance in Chemistry*, 47, 989–993.
- Lindley, L. E., Stojadinovic, O., Pastar, I., dan Tomic-Canic, M., 2016, Biology and Biomarkers for Wound Healing, *Plastic and Reconstructive Surgery*, 138(3), 18-28.
- Liu, W.H., Yen, W.L., Zih, F.C., Wen, F.C., Ying, C.T., dan Chien, C.C., 2015, Calophyllolide Content in *Calophyllum inophyllum* at Different Stages of Maturity and Its Osteogenic Activity, *Molecules* 20, 7, 12314-12327.
- Mardikasari, S.A., Jufri, M., dan Djajadisastra, J., 2016, Formulasi dan Uji Penetrasi In-Vitro Sediaan Topikal Nanoemulsi Genistein dari Tanaman *Sophora japonica* (Formulation and In-Vitro Penetration Study of Topical Dosage Form of Nanoemulsion from Genistein of *Sophora japonica* Linn.), *Jurnal Ilmu kefarmasian Indonesia*, 14, 190-198.
- Mathur, A., Bains, V. K., Gupta, V., Jhingran, R., dan Singh, G. P., 2015, Evaluation of Intrabony Defects Treated with Platelet-Rich Fibrin or Autogenous Bone Graft: A Comparative Analysis, *European Journal of Dentistry*, 9(1), 100.
- Morison, M. J., 2013, *Manajemen Luka: Konsep Dasar*, 83, Penerbit Buku Kedokteran EGC, Jakarta.
- Nguyen, V., L., Truong, C., T., Nguyen B.C.Q., Vo T.V., Dao., T, T., Nguyen, V.D., Trinh, D.T., Huynh, H.K., dan Bui, C.B., 2017, Anti-inflammatory and wound healing activities of calophyllolide isolated from *Calophyllum inophyllum* Linn, *PLoS One*, 12(10), 0185674.
- Nielsen C. K., Kjems, J., Mygind, T., Snabe, T., dan Meyer, R. L., 2016, Effects of Tween 80 on Growth and Biofilm Formation in Laboratory Media, *Frontiers in Microbiology*, 7, 1878.
- Ni, Luh, Putu, Karunia, Vidya, dan Nirmalayanti, 2021, Skrining Berbagai Jenis Surfaktan dan Kosurfaktan Sebagai Dasar Pemilihan Formulasi Nanoemulsi, *Jayapangus Press, Jurnal Ilmu Multidisiplin*, Universitas Udayana, Bali, 3(1), 162-164.
- Noor, Y. R., Khazali, M., dan Suryadiputra, I. N. N., 1999, *Panduan Mengenal Mangrove di Indonesia*, 88, PHKA/WI-IP, Bogor.
- Paliwal, S., Kaur, G., dan Arya, R. K. K., 2018, Formulation and Characterization of Topical Nanoemulgel of Terbinafine, *Universal Journal of Pharmaceutical Research*, 3(6), 28-37.
- Pham D, dan Nguyen T, 2020, Preparation of Tamanu Oil Nanoemulsions by Phase Inversion Temperature, *IOP Conference Series: Materials Science and Engineering*, 991, 3-5.
- Potter P. A., Perry A. G., 2006, *Buku Ajar Fundamental Keperawatan: Konsep, Proses, dan Praktik*, Edisi 4, Volume 2, 56-57, Penerbit Buku Kedokteran EGC, Jakarta.

- Prasetyono, Theddeus, O. H., 2009, General Concept of Wound Healing, *Medical Journal of Indonesia*, 18(3), 208-216.
- Primadina, N., Bosari, A., dan Perdanakusuma, D. S., 2019, Proses Penyembuhan Luka Ditinjau dari Aspek Mekanisme Seluler dan Molekuler, *Qanun Medika-Jurnal Kedokteran Fakultas Kedokteran Universitas Muhammadiyah Surabaya*, 3(1), 31-43.
- Priya, S., Koland, M., dan Suchetha, K.N., 2015, Nanoemulsion Components Screening Of Quetiapine Fumarate: Effect Of Surfactant And Co Surfactant, *Asian Journal of Pharmaceutical and Clinical Research*, 8(6), 136-140.
- Qian, L.W., Fourcaudot, A.B., Yamane, K., You, T., Chan, R.K., dan Leung, K.P., 2016, Exacerbated and prolonged inflammation impairs wound healing and increases scarring, *Wound Repair Regeneration*, 24(1), 26–34.
- Raharivelomanana, P., Ansel, J., Lupo, E., Mijouin, L., Guillot, S., Butaud, J., Ho, R., Lecellier, G., dan Pichon, C., 2018, Tamanu oil and skin active properties: from traditional to modern cosmetic uses, *OCL-Oilseeds and fats, Crops and Lipids*, 25(5), 1-5.
- Rahman, A., 2018, Formulasi Sediaan Nanoemulgel Ekstrak Kayu Secang (*Caesalpinia sappan L.*) Serta Uji Stabilitas Fisiknya, *Disertasi*, Universitas Muhammadiyah Surakarta, Surakarta.
- Rejeki, S., 2015, Ekstraksi Dan Penetapan Nilai SPF Minyak Nyamplung Dengan Metode Spektrofotometri (Extraction And SPF Value Determination Of Tamanu Oil By Spectrophotometric Method), *IJMS – Indonesian Journal On Medical Science*, 2(1), 9.
- Rismana, E., Kusumaningrum, S., Bunga, O., Nizar, dan Marhamah, 2014, Pengujian Aktivitas *Antiacne* Nanopartikel Kitosan-Ekstrak Kulit Buah Manggis (*Garcinia mangostana*), *Media Penelitian dan Pengembangan Kesehatan*, Pusat Teknologi Farmasi dan Medika, Badan Pengkajian dan Penetapan Teknologi, Serpong, 24(1), 20-21.
- Rismarika, I.M., dan Yusnelti, 2020, Pengaruh konsentrasi PEG 400 Sebagai Kosurfaktan Pada Formulasi Nanoemulsi Minyak Kepayang, *Chempublish*, 5(1), 1-14.
- Roohi, G., Jill, S., Courtney, S., Anna, S., Natalya, dan Rapoport., 2015, Polymeric micelles and nanoemulsions as drug carriers: Therapeutic efficacy, toxicity, and drug resistance, *Journal of Controlled Release*, 212, 70-77.
- Rowe, R.C., Sheskey, P.J., dan Owen S.C., 2009, *Handbook Of Pharmaceutical Excipients*, (6th)Ed, 110, 466, 550, 593, 675, 676, 6777, 754, 768, The Pharmaceutical Press and American Pharmacist Association, London.
- Saryanti, D., Setiawan, I., dan Safitri, R.A., 2019, Optimasi Formula Sediaan Krim M/A Dari Ekstrak Kulit Pisang Kepok (*Musa acuminata L.*), *Jurnal Riset Kefarmasian Indonesia*, 1(3), 225–237.
- Sastroamidjoyo, S., 2001, *Obat Asli Indonesia*, 63-64, 102, 196, Dian Rakyat, Jakarta, Indonesia.

- Schultz, G. S., Chin, G.A., Moldawer, L., dan Diegelmann, R.F., 2011, Principles of wound healing, In Fitridge, R., dan Thompson, M., (Ed), *Mechanisms of vascular disease: a reference book for vascular specialists*, 423-426, 438, 442-445, Barr Smith Press, South Australia.
- Sjamsuhidajat, R., dan De, J.W., 2017, *Buku Ajar Ilmu Bedah: Masalah Pertimbangan Klinis Bedah, dan Metode Pembedahan*, (4th)Ed, 22-23, Penerbit Buku Kedokteran EGC, Jakarta.
- Sukartiningsih, Y. N. N. T., Edy, J. H., dan Siampa, J. P., 2019, Formulasi Sediaan Gel Ekstrak Ethanol Daun Kalidanra (*Callidanra surinamensis*) sebagai AntiBakteri, *Pharmacon* 8, 43–50.
- Suryadi, I. A., Asmarajaya, A., dan Maliawan, S., Proses Penyembuhan dan Penanganan Luka, *E-Jurnal Medika Udayana*, 2(2), 254-72.
- Tri, C., 2018, *Statistika Terapan dan Indikator Kesehatan*, (1st)Ed, 326, Deepublish.
- Umamagheswari K, 2017, Phytochemical screening of *Calophyllum inophyllum* Linn, *International Journal Scientific Research and Development*, 5(4), 3.
- Velnar T., Bailey, T., dan Smrkolj V., 2009, The Wound Healing Process : an Overview of the Cellular and Molecular Mechanism, *The Journal of International Medical Research*, 37, 1528-1542.
- Verma, A., Singh, S., Kaur, R., Kumar, A., dan Jain U. K., 2013, Formulation, Optimazation and Evaluation of Clobetasol Propionate Gel, *International Journal of harmacy and Pharmaceutical Science*, 5(4), 665-666, 668.
- Warrier, K., C., S., 2010, *Manual of Economically Important Forestry Species in South India*, 169-170, Tamil Nadu, Institute of Forest Genetics and Tree Breeding, Coimbatore, India.
- Weller, R.B., Hunter, H. J. A., dan Mann, M. W., 2015, *Clinical Dermatology*, Fifth Ed, 323, John Wiley and Sons Ltd., Chichester.
- Werner, S., Krieg, T., dan Smola, H., 2007, Keratinocyte-Fibroblast Interactions in Wound Healing, *Journal of Investigative Dermatology*, 127, 998-1008.
- Widayanti, N., 2013, “Karakteristik Membran Selulosa Asetat dengan Variasi Komposisi Pelarut Aseton dan Asam Format.”, *Skripsi*, Jurusan Kimia Universitas Jember, Jember.
- Yogesthinaga, Y. W., 2016, Optimasi Gelling Agent Carbopol dan Humektan Propilen Glikol dalam Formulasi Sediaan Gel Ekstrak Etanol Daun Binahong (*Anredera cordifolia* (Ten.) Steenis), *Skripsi*, Universitas Sanata Dharma, Yogyakarta.
- Zats, J.I., dan Gregory, P. K., 1996, Gel, in Lieberman, H.A., M.M., Banker, G.S., *Pharmaceutical Dosage Forms: Disperse Systems*, Edisi 2, 401-403, 413-414, Marcel Dekker Inc, New York.
- Zhang J., Guan J., Niu, X., Hu G., Guo S., Li Q., Xie, Z., Zhang, C., dan Wang, Y., 2015, Exosomes released from human induced pluripotent stem cells-derived MSCs facilitate cutaneous wound healing by promoting collagen synthesis and angiogenesis, *Journal of Translational Medicine*, 13, 49.