DAFTAR PUSTAKA

Ali, S.K. dan Saleh, A.M., (2012) Spirulina-an overview. *Int J Pharm Pharmaceut Sci.* 4(3): 9-15.

Arisanty, I.P., (2013) *Manajemen perawatan luka: konsep dasar*. Jakarta: Buku Kedokteran EGC. pp. 29.

Arlyza, I.S., (2005) Phycocyanin dari mikroalga bernilai ekonomis tinggi sebagai produk industri. *Oseana.* 30(2): 27-36.

Atik, N. dan Rahman, J.I.A., (2009) Perbedaan efek pemberian topikal gel lidah buaya (*Aloe vera* L.) dengan solusio povidone iodine terhadap penyembuhan luka sayat pada kulit mencit (*Mus musculus*). *MKB.* 41(2): 1-7.

Bashir, S., Sharif, M.K., Butt, M.S., dan Shahid, M., (2016) Functional properties and amino acid profile of *Spirulina Platensis* protein isolates. *Pak J Sci Ind Res B.* 59(1): 12-19.

Bathla, S., (2017) *Textbook of periodontics*. New Delhi: Jaypee Brothers Medical Publishers. pp. 3.

Borowitzka, M.A., (2018) *Microalgae in medicine and human health: a historical perspective*. London: Elsevier. pp. 20.

Brand, R.W. dan Isselhard, D.E., (2014) *Anatomy of orofacial structures: a comprehensive approach*. 7th ed. Missouri: Elsevier. pp.296.

Budiarti, T., Utomo, N.B.P., dan Santosa, A., (2010) Pertumbuhan dan kandungan nutrisi *Spirulina sp*. pada fotoperiode yang berbeda. *JAI*. 9(2): 146-156.

Christwandara, M., Nur, M.A., dan Hariyanto, (2013) *Spirulina platensis*: potensinya sebagai bahan pangan fungsional. *JATP*. 2(1): 1-4.

Diegelmann, R.F. dan Evans, M.C., (2004) Wound healing: an overview of acute, fibrotic, and delayed healing. *Front Biosci*. 9: 283- 289.

Dorantes, L.C. dan Ayala, M.C., (2019) Skin acute wound healing: a comprehensive review. *Int J Inflamm.* 1(1): 1-16.

Eldin, I.A.B., Elgazzar, M.H., Ahmed, A.I., dan Mohamed, S.S.A., (2017) The effect of spirulina extract on the healing of skin wounds in adult albino rats: a light and scanning electron microscopic study. *EJA*. 40(1): 33-53.

Farihah, S., Yulianto, B., dan Yudiati, E., (2014) Penentuan kandungan pigmen fikobiliprotein ekstrak *Spirulina platensis* dengan teknik ekstraksi berbeda dan uji toksisitas metode BSLT. *JMR.* 3(2): 140-146.

Figg, W.D. dan Folkman, J., (2008) *Angiogenesis an integrative approach from science to medicine*. London: Springer. pp. 536.

Frisca, Sardjono, C.T., dan Sandra, F., (2009) Angiogenesis: patologi dan aplikasi klinis. *JKM*. 8(2): 174-87.

Global Biodiversity Information Facility Secretariat, (2019) *GBIF backbone taxonomy*. Checklist dataset. Copenhagen: Universitetsparken. https://doi.org/10.15468/39omei. GBIF.org (24/12/2019).

Gonzalez, A.C.O., Costa, T.F., Andrade, Z.A., dan Medrado, A.R.A.P., (2016) Wound healing: a literature review, *An Bras Dermatol* 91(5): 614-620.

Guo, S. dan DiPietro, L.A., (2010) Factors affecting wound healing. *J Dent Res.* 89(3): 219-229.

Gurtner, G.C., (2007) Wound healing, normal and abnormal. Dalam Thorne, C.H., *Grabb and Smith's plastic surgery*. 6th ed. Philadelphia: Lippincott Williams & Wilkins. pp. 15-22.

Hamlin, L., Tench, M.R., dan Davies, M., (2009) *Perioperative nursing: an introductory text*. New South Wales: Elsevier. pp. 163.

Handayani, T., (2014) Fenomena *green tides* (*ulvoid algal blooms*). *Oseana*. 39(4): 35-42.

Hendrijantini, N., Rostiny, R., Kuntjoro, M., Sidharta, K., Wiyono, D.S.P., Anindyanari, A., dan Salim, S., (2018) The effect of combination *Spirulina*-chitosan on angiogenesis, osteoclast, and osteoblast cells in socket models of hyperglycemic *Rattus novergicus*. *Contemp Clin Dent.* 9(4): 582-586.

Hes, M., Dziedzic, K., Gorecka, D., Golinska, A.J., dan Gujska, E., (2019) *Aloe vera* (L.) Webb.: natural sources of antioxidants – a review. *Plant Food Hum Nutr.* 74(3):255-265.

Honnegowda, T.M ., Kumar, P., Udupa, E.G.P., Kumar, S., Kumar, U., dan Rao, P., (2015) Role of angiogenesis and angiogenic actors in acute and chronic wound healing. *Plast Aesthet Res.* 2(5): 243-249.

Hopf, H.W. dan Rollins, M.D., (2007) Wounds: an overview of the role of oxygen. *Antioxid Redox Signal*. 9(8): 1183-92.

Hrapkiewiez, K., Medina, L., dan Holmes, D.D., (2007) *Clinical laboratory animal medicine*. Iowa: Blackwell Publishing, Iowa. pp. 27.

Izadi, M. dan Fazilati, M., (2018) Extraction and purification of phycocyanin from *Spirulina platensis* and evaluating its antioxidant and anti- inflammatory activity. *AJGC*. 2:364-379.

Jeon, H., Kim, H., Choi, D., Kim, D., Park, S.Y., Kim, Y.J., Kim, Y.M., dan Jung, Y., (2007) Quercetin activates an angiogenic pathway, hypoxia inducible factor (HIF)-1-vascular endothelial growth factor, by inhibiting HIF-prolyl hydroxylase: a structural analysis of quercetin for inhibiting HIF-prolyl hydroxylase. *Mol Pharmacol.* 71(6): 1676-1684.

Kalangi, S.J.R., (2011) Peran integrin pada angiogenesis penyembuhan luka. *CDK.* 38(3): 177-181.

Kar, S.K. dan Bera, T.K., (2018) Phytochemical constituents of Aloe vera and their multifunctional properties: a comprehensive review. *IJPSR*. 9(4): 1416-1423.

Khunger, N., (2017) Accelerated wound healing: harnessing the power of platelet, biomaterials, stem cells, and gene therapy. *J Cutan Aesthet Surg.* 10(1): 1-2.

Kim, Y.W. dan Byzova, T.V., (2014) Oxidative stress in angiogenesis and vascular disease. *Blood.* 123(5): 625-631.

Kimura, Y. Sumiyoshi, M., Kawahira, K., dan Sakanaka, M., (2006) Effects of ginseng saponins isolated from red ginseng root on burn wound healing in mice. *BJP*. 14(8): 860-870.

Krasinki, L., Tchorzewski, H., dan Lewkowicz, P., (2009) Antioxidant effect of hyaluronan on polymorphonuclear leukocyte-derived reactive oxygen species is dependent on its molecular weigth and concentration and mainly involves the extracellular space. *Postepy Hig Med Dows.* 63: 205- 212.

Li, V.W. dan Li, W.W., (2003) The biology of PDGF and other growth factors in wound neovascularization. Dalam Li, V.W. dan Li, V.W., *Angiogenesis in wound healing*. Cambridge: Dowden Health Media. pp. 12-18

Li, W.W., Tsakayannis, D., dan Li, V.W., (2003) Angiogenesis: a control point for normal and delayed wound healing. Dalam Li, V.W. dan Li, V.W., *Angiogenesis in wound healing*. Cambridge: Dowden Health Media. pp. 5-11.

Lynch, M.E., Craig, K.D., Peng, P.W.H., (2011) *Clinical pain management: a practical guide*. Oxford: Wiley-Blackwell. pp. 36.

Maria, S., Kamath, V.V., Krishnanand, P.S., dan Komali, R., (2015) *Sprague-dawley* rats are a sustainable and reproducible animal model for induction and study of oral submucous fibrosis. *J Orofac Sci*. 7(1): 11-18.

Mostafa, G., Cathey, L., dan Greene, F., (2006) *Review of surgery basic science and clinical topics for ABSITE.* New York: Springer. pp. 18.

Nabi, S.A.A., Sheraz, M.A., Ahmed, S., Mustaan, N., dan Ahmad, I., (2016) Pharmaceutical gels: a review. *RADS-JPPS.* 4(1): 40-48.

National Institute of Industrial Research Board, (2003) *Modern technology of plastic and polymer processing industries*. New Delhi: Asia Pacific Business Press. pp. 369.

Nisar, B., Sultan, A. dan Rubab, S.L., (2017) Comparison of medicinally important natural products versus synthetic drugs: a short commentary. *Nat Prod Chem Res.* 6(2): 1-2.

Nissen, N.N., Polverini, P.J., Koch, A.E., Volin, M.V., Gamelli, R.L ., dan DiPietro, L.A., (1998) Vascular endothelial growth factor mediates angiogenic activity during the proliferative phase of wound healing, *Am J Pathol.* 152 (6): 1445-1452.

Nugroho, A. M., Elfiah, U., dan Normasari, R., (2016) Pengaruh gel ekstrak dan serbuk mentimun (*Cucumis sativus*) terhadap angiogenesis pada penyembuhan luka bakar derajat IIB pada tikus Wistar. *JPK*. 4(3): 443-448.

Nurmawati, E., Hendrawati, dan Koessoesilowati, A.S., (2008) Pengaruh aplikasi ekstrak lidah buaya (*Aloe vera*) secara topikal terhadap peningkatan angiogenesis penyembuhan luka pada gingiva tikus (*Sprague dawley*). *MKGI.* 9(2): 97-100.

Ozdemir, G., Karabay, N.U., Dalay, M.C., dan Pazarvasi, B., (2004) Antibacterial activity of volatile component and various extract of *Spirulina platensis*. *Phytoter Res.* 18(9): 754-757.

Page, C. P., Greenstein, B., dan Gould, D., (2009) *Trounce's clinical pharmacology for nurses*. 18th ed. Missouri: Elsevier. pp. 37.

Prabhu, P., Julius, A., Elumalai, M., dan Prabhu, M.N., (2014) Wound healing in periodontics. *Biosci Biotech Res Asia.* 11(2): 791-796.

Prasetyono, T.O.H., (2009) General concept of wound healing, revisited. *Med J Indones.* 18(3): 208-216.

Prihantini, N.B., Wardhana, W., Hendrayanti, D., Widyawan, A., Ariyanti, Y., dan Rianto, R., (2008) Biodiversitas cyanobacteria dari beberapa situ/danau di kawasan Jakarta-Depok-Bogor, Indonesia. *Makara J Sci.* 12(1): 20-30.

Richmond, A., (2004) *Handbook of microalgal culture*. Iowa: Blackwell Science. pp. 125.

Rohmah, S.N., Fuadah, D.Z., dan Girianto, W.R., (2016) Efektivitas daun petai cina (*Leucaena leucocephala*) dan daun jarak pagar (*Jatropha cucas*) terhadap proses penyembuhan luka bakar grade II pada tikus putih. *JIK*. 4(1): 20-33.

Rostiny, Kuntjoro, M., Sitalaksmi, R.M., dan Salim, S., (2014) Spirulina chitosan gel induction on healing process of *Cavia cobaya* post extraction socket. *MKG*. 47(1): 19-24.

Sahayata, V.N., Bhavsar, N.V., dan Brahmbhat, N.A., (2014) An evaluation of 0.2% hyaluronic acid gel (Gengigel) in the treatment of gingivitis: a clinical & microbiological study. *Oral Health Dent Manag*. 13(3): 779–785.

Scheid, R.C. dan Weiss, G., (2012) *Woelfel's dental anatomy*. 8th ed. Philadelphia: Lippincott Williams & Wilkins. pp. 200-202.

Sibbald, R.G., Goodman, L., Woo, K.Y., Smart, H., Tariq, G., Ayello, E.A., Burrell, R.E., Keast, D.H., Mayer, D., Norton, L., Salcido, R.S., (2011) Special conciderations in wound bed preparation: an update. *Adv Skin Wound Care*. 24(9): 415-436.

Singh, U., Singh, P., Rani, B., dan Maheshwari, R., (2011) Diverse therapeutic application of *Aloe vera*: a review. *IJPDT*. 1(1): 25-33.

Sirois, (2005) *Laboratory Animal Medicine: Principles and Procedures*. Missouri: Elsevier. pp. 244.

Solanki, G.A., (2012) General overview of gingiva. *IJBR.* 3(2): 79-82.

Stepanova, V., Javaraman, P.S., Zaitsev, S.V., Lebedeva, T., Bdeir, K., Kershaw, R., Holman, K.R., Parfynova, Y.V., Semina, E.V., Beloglazova, I.B., Tkachuk, V.A., dan Cines, D.B., (2016) Urokinase-type plasminogen activator (uPA) promotes angiogenesis by attenuating proline-rich homeodomain protein (PRH) transcription factor activity and de-repressing vascular endothelial growth factor (VEGF) receptor expression. *J Biol Chem*. 291(29): 15029-15045.

Struillou, X., Boutigny, H., Soueidan, A., dan Layrolle, P., (2010) Experimental animal models in periodontology: a review. *Open Dent J.* 4(1): 37-47.

Thiruvoth, F.M., Mohapatra, D.P., Kumar, D., Chittoria, S.R.K., dan Nandhagopal, V., (2015) Current concepts in the physiology of adult wound healing. *Plast Aesthet Res.*2(5): 250-256.

Tolistiawaty, I., Widjaja, J., Sumolang, P.P.F., dan Octaviani, (2014) Gambaran kesehatan pada mencit (*Mus musculus*) di instalasi hewan coba. *Vektorp*, 8(1): 27-32.

Tomaselli, L., (2002) Morphology, ultrastucture and taxonomy. dalam Vonshak, A., *Spirulina platensis (Arthrospira): physiology, cell-biology and biotechnology*. London: Taylor and Francis. pp. 5.

Walmsley, A.D., Walsh, T.F., Lumley, P.J., Burke, F.J.T., Shortall, A.C.C., Hall, R.H., dan Pretty, I.A., (2007) *Restorative dentistry.* London: Elsevier. London. pp. 246.

Wolf, H.F. dan Hassel, T.M., (2006) *Color atlas of dental hygiene periodontology*. New York: Thieme. pp. 8.