

## DAFTAR PUSTAKA

- Kementerian Agama Republik Indonesia. 2014. *Al-Qur'an & Terjemahnya*. Jakarta: Pena Ilmu dan Amal.
- Alberts B, Johnson A, Lewis J, *et al.* 2002. *Molecular Biology of the Cell*. 4th edition. New York: Garland Science.
- Arciero, J. dan Swigon, D. 2013 'Equation-Based Models of Wound Healing and Collective Cell Migration'. doi: 10.1007/978-1-4614-8008-2.
- Barrientos S, Stojadinovic O, Golinko MS., Brem H, Tomic-Canic M. 2008. Growth factors and cytokines in wound healing. *Wound Repair and Regen*. 16: 585-601.
- Boudreau, M. D. *et al.* 2017. An Evaluation of the Biological and Toxicological Properties of Aloe Barbadensis (Miller), Aloe Vera An Evaluation of the Biological and Toxicological Properties of Aloe Barbadensis (Miller), Aloe Vera. doi: 10.1080/10590500600614303.
- Chantarawarit P, *et al.* 2014. Acemannan sponges stimulate alveolar bone cementum and periodontal ligament regeneration in a canine class II furcation defect model. *J Periodontal Res*. 49: 164-178.
- Chokboribal, J. *et al.* 2015. Deacetylation affects the physical properties and bioactivity of acemannan, an extracted polysaccharide from Aloe vera. *Carbohydr Polym*. 133: 556-566.
- Chithra P, Sajithlal GB, Chandrasekaran G. 1998. Influence of Aloe vera on the glycosaminoglycans in the matrix of healing dermal wounds in rats. *J Ethnopharmacol*. 59:179-186.
- Choi S, Chung M-H. 2003. *A review on the relationship between Aloe vera components and their biologic effects*. Seminars in integrative medicine: Elsevier.
- Grundmann, O. 2012. Aloe Vera Gel Research Review: An Overview of It's Clinical Uses and Proposed Mechanisms of Action. *Natural Medicine Journal* Vol. 4 Issue 9.
- Harborne, J. 1987. *Metode Fitokimia*. Bandung: Penerbit ITB.
- Hashemi, S. A., Madani, S. A. dan Abediankenari, S. 2015. *The review on properties of aloe vera in healing of cutaneous wounds*. Hindawi Publishing Corporation. doi: 10.1155/2015/714216.
- Heggers J, *et al.* 1996. Beneficial effect of Aloe on wound healing in an excisional wound model. *J Altern Complement Med*. 2:271-277.

- Jia Y, Zhao G, Jia J. 2008. Preliminary evaluation: the effects of Aloe ferox Miller and Aloe arborescens Miller on wound healing. *J Ethnopharmacology*. 120: 181-189.
- Liang, C. C., Park, A. Y. dan Guan, J. L. 2007. In vitro scratch assay: A convenient and inexpensive method for analysis of cell migration in vitro. *Nature Protocols*, 2(2), pp. 329–333. doi: 10.1038/nprot.2007.30.
- Lynch, A. P., O’Sullivan, F. and Ahearne, M. 2016. The effect of growth factor supplementation on corneal stromal cell phenotype in vitro using a serum-free media. *Experimental Eye Research*. Elsevier Ltd. 151, pp. 26–37. doi: 10.1016/j.exer.2016.07.015.
- Masir, O. et al. 2012. Pengaruh Cairan Cultur Filtrate Fibroblast (CFF) Terhadap Penyembuhan Luka ; Penelitian eksperimental pada Rattus Norvegicus Galur Wistar. *Jurnal Kesehatan Andalas*, 1(3), pp. 112–117.
- MUI. 2013. *Fatwa tentang Obat dan Pengobatan*. [Internet] (<https://mui.or.id/wp-content/uploads/2017/02/No.-30-Obat-dan-Pengobatan.pdf>) Diakses tanggal 17 Desember 2018.
- Nilforoushzadeh, M. A. et al. 2017. *Dermal Fibroblast Cells : Biology and Function in Skin Regeneration*. 4(2). doi: 10.5812/jssc.69080.
- Puspitasari, R., Sunyoto dan Arrosyid, M. 2016. Uji GEL Ekstrak Lidah Buaya (Aloe Vera L.) terhadap Penyembuhan Luka Sayat pada Mencit Jantan (Mus muscullus) Galur Swiss. *Cerata Journal of Pharmacy Science*, 3(1).
- Quezada, M. P. et al. 2017. Acemannan and Fructans from Aloe vera (Aloe barbadensis Miller) Plants as Novel Prebiotics. *Journal of Agricultural and Food Chemistry*. American Chemical Society, 65, pp. 10029–10039. doi: 10.1021/acs.jafc.7b04100.
- Radha, M. H. dan Laxmipriya, N. P. 2015. Evaluation of biological properties and clinical effectiveness of Aloe vera: A systematic review. *Journal of Traditional and Complementary Medicine*. 5(1), pp. 21–26. doi: 10.1016/j.jtcme.2014.10.006.
- Rahmawati. 2014. Interaksi Ekstrak Daun Lidah Buaya (*Aloe vera L*) dan Sirih (*Piper betle L.*) terhadap Daya Hambat *Staphylococcus aureus* Secara In Vitro. *Jurnal Edu Bio Tropika*. Vol. 2 No.1. Hal. 121-186.
- Reynolds T, Dweck AC. 1999. Aloe vera leaf gel: A review update. *J Ethnopharmacol*. 68:3-37.
- Riahi, R. et al. 2012. Advances in wound-healing assays for probing collective cell migration. *Journal of Laboratory Automation*, 17(1), pp. 59–65. doi: 10.1177/2211068211426550.

- Rodriguez, L.G., Wu X., dan Guan J.L. 2005. Wound-healing assay. *Mol Biol* 294: 23-9.
- Sánchez-Machado DI, López-Cervantes J, Sendón R, Sanches-Silva A. 2017. Aloe vera: Ancient knowledge with new frontiers. *Trends Food Sci Technol.* 61: 94-102.
- Shahbuddin M, *et al.* 2013. High molecular weight plant heteropolysaccharides stimulate fibroblasts but inhibit keratinocytes. *Carbohydr Res.* 375: 90-99.
- Surjushe, A., Vasani, R., dan Saple, D. G. 2008. Aloe Vera: A Short Review. *Indian Journal of Dermatology*, 53(4), 163–166.
- Syamsuhidayat. 2004. *Buku-Ajar Ilmu Bedah*. Jakarta: EGC.
- Velnar, T., Bailey, T. dan Smrkolj, V. 2009. The Wound Healing Process: An Overview of the Cellular and Molecular Mechanisms. *Journal of International Medical Research*, 37(5), pp. 1528–1542. doi: 10.1177/147323000903700531.
- Xing W, Guo W, Zou CH, Fu TT, Li XY, Zhu M, *et al.* 2015. Acemannan accelerates cell proliferation and skin wound healing through AKT/mTOR signaling pathway. *J Dermatol Sci.* 79:101–109. doi: 10.1016/j.jdermsci.2015.03.016 PMID: 26049685.
- Yafie, A. 2009. *Ensiklopedia Kemukjizatan Ilmiah dalam Al-Qur'an dan Sunah*. Edisi Kemukjizatan tentang Kedokteran 2. Jakarta: PT. Kharisma Ilmu.
- Yuza, F., Ivan, A.W. dan Larnani, S. 2014. Efek Pemberian Ekstrak Lidah Buaya (Aloe Barbadensis Miller) pada Soket Gigi terhadap Kepadatan Serabut Kolagen Pasca Ekstraksi Gigi Marmut (*Cavia Porcellus*). *Majalah Kedokteran Gigi Indonesia*, 21(2), pp. 127–135.
- Zuhroni. 2013. *Dasar dan Sumber Syariat Islam*. Edisi Revisi. Bagian Agama Universitas YARSI Jakarta.