

**BIBLIOGRAPHY**

- Amini-Nik S., Glancy D., Boimer C., whetstone H., Keller C., Alman BA. 2011. Pax7 Expressing Cells Contribute to Dermal Wound Repair; Regulating Scar Size Through a Beta-Catenin Mediated Process. *Stem Cells*. 9:1371 - 9
- Astuti S.M., Mimi, S.A.M., Retno, A.B.M., dan Awaludin Risch. 2011. Determination of Saponin Compound from Anredera (Ten) Steenis (Binahong) to Potential Treatment for Several Deseases. *Journal of Agricultural Science, Canadian Center of Science and Education* Vol 3 No.4.
- Atiyah, B., Michael C and Shady W. H, 2007. Effect of Silver on Burn Wound Infection Control and Healing: Review of Literature. *Burns*, 33, pp.139-148.
- Calais G. 2014. Prevention and Management of Acute and Chronic Wounds. *Fed Bureau Clin Pract Guide*.82 (1):10–24.
- Cherif. Abdeldjelil M., A. Messai, A. Boudebza and S. Beghoul. 2017. Practical Aspects to Generate Cutaneous Experimental Burns in a Rat Model Scholars. *Der Pharmacia Lettre*. 9 (1) 59 - 67
- Dahiya P. 2009. Burns as a Model of SIRS. *Front Biosci (Landmark Ed)* 14:4962-4967.
- Dai, Mei, Xiu L. Z., Xu X., Xiang Y. K., Xing Y. L., Gang G., Feng L., Xia Z., Yu Q.W., and Zhiyong Q. 2009. Chitosan-Alginate Sponge - Preparation and Application in Curcumin Delivery for Dermal Wound Healing in Rat. *J Biomed Biotechnol* volume 2009. Sichuan University.
- Orsett-Martin WA. 2004. Rat Models of Skin Wound Healing: a Review. *Wound Repair Regen* 12(6):591-599.
- Garmana , A. N., E. Y. Sukandar and I, Fidrianny.2014. Activity of Seceral Plant Extracts Againts Drug-Sensitive and Drug-Resistant Microbes. *Procedia Chemistry*. Volume 12 No 012.
- Garmana , A. N., E. Y. Sukandar and I, Fidrianny. 2016. Preliminary Study of Blood Pressure Lowering Effect of Anredera Cordifolia (Ten) Steenis on Wistar Rats. *Int. J. Pharm. Pharm. Res.* 8(2): 300 -304.
- Girard, D., B. Laverdet, V. Buhé , M. Trouillas, K. Ghazi, M. M. Alexaline, C. Egles, L. Misery, B. Coulomb, J. Lataillade, F. Berthod, and A. Desmoulière. 2017. Biotechnological Management of Skin Burn Injuries:

Challenges and Perspectives in Wound Healing and Sensory Recovery. *Tissue Engineering: Part B*. 23(1): 59-82.

Gurtner GC. 2007. Wound Healing - Normal and Abnormal. In - Thorne CH, Penyunting. *Grabb and Smith's Plastic Surgery*, Ed.6. Lippincott Williams and Wilkins; h. 15-22.

Gurtner, G.C, Werner .S, Barrandon,Y, Longaker ,M.T. 2008. Wound Repair and Regeneration. *Nature* 453(7193):314–321.

Guo S. and L. A. DiPietro. 2010. Factors Affecting Wound Healing. *J Dent Res*. 89(3) :219-229.

Hapsari, Ayu F, Wardhani,R.P, Alfyna, A, Dzaky, W.A, Ginting ,R.B, Diah, A.W.S. 2017. Burn Healing with Binahong (*Anredera Cordifolia* (Tenore) Steenis) Leaves Extract as A Topical and Systemic Treatments. Jakarta: Atlantis Press. *Advances in Health Science Research*, volume 10.

Hartati, Sri Yuni. 2013. Khasiat Kunyit sebagai Obat Tradisional dan Manfaat Lainnya. Bogor: Balitro Warta Penelitian dan Pengembangan Tanaman Industri, Volume 19 Nomor 2.

Hestianah, E.P., Anwar C., Kuncorojakti S.,Yustinasari L.R. 2012. Buku Ajar Histologi Veteriner. Airlangga University Press (AUP).

Hochstein, Alex O and Animesh Bhatia. 2014. Collagen: Its Role in Wound Healing. *Podiatry Management*.

Joe B, Vijaykumar M, Lokesh B. 2004. Biological Properties of Curcumin-Cellular and Molecular Mechanisms of Action. *Crit Rev Food Sci Nutr*; 44:97–111.

Kadler, KE. Baldock, C. Bella, J. Boot-Handford R P. 2007. Collagens at a Glance. *Journal of Cell Science* ; 120, 1955-1958.

Kiernan, John A. 2010. General Oversight Stains for Histology and Histopathology. In George L. Kumar and John A. Kiernan (Ed), *Pathology Education Guide: Special Stains and H & E* (29 - 33). North America: Dako.

Kumar A., J. Dora, and A. Singh. 2011. A Review on Spice of Life *Curcuma Longa* (Turmeric). *Int. J. Appl. Bio. Pharm. Tech*. 2(4): 371-379.

Kurnianto, S. 2017. Efektivitas Ekstrak Daun Pangang (*Centella asiatica*) 25 % Dengan Ekstrak Daun Petai Cina (*Leucaena leucocephala*) 30% Terhadap

Penyembuhan Luka Bakar pada Tikus Putih (*Rattus norvegicus*) [TESIS].  
Fakultas Kedokteran Hewan Universitas Airlangga.

- Kurnijasati, Rochmah, Dewa K. M., Sri A. S., Tutik J., Iwan S. H. 2014. Buku Ajar Farmakoterapi dan Toksikologi cetakan I. Surabaya: Duta Persada Press.
- Lee, A. And Moon, H., 2003. Effect of Topically Applied Silver Sulfadiazine on Fibroblast Cell Proliferation and Biomechanical Properties of The Wound. *Archives of Pharmacal Research*, 26 (10).
- Li, J. Chen J., Kirsner R. 2007 Pathophysiology of Acute Wound Healing. *Clin Dermatol* 25(1):9–18.
- Lullo, Di. Gloria A., Shawn, SM. Jarmo, K. Ala-Kokko. Leena. Antonio S., James, D. 2002. Mapping the Ligand-Binding Sites and Diseaseassociated Mutations on The Most Abundant Protein in The Human, Type I Collagen. *J. Biol. Chem.* 277 (6), 4223 - 4231
- Manoi, F. 2009. Binahong (*Anredera Cordifolia*) sebagai Obat. *Warta Penelitian dan Pengembangan Tanaman Industri*. Vol 15.
- Matilda, P. 2009. Pengaruh Pemberian Infusa Buah Pare (*Momordica Charantia L.*) terhadap Kesembuhan Luka Insisi pada Tikus Putih (*Rattus novergicus*) [skripsi]. Fakultas Kedokteran Hewan Universitas Airlangga.
- Mehrabani, D., Motjaba F., Bitu G., Nader T., Masood A., Mohammad R.P. 2014. The Healing Effect of Curcumin on Burn Wounds in Rat. *Fasa University of Medical Sciences*. 4 (1): 29 – 35.
- Meir, K., Nanney L., 2006. Emerging New Drugs for Wound Repair. *Expert Opin Emerg Drugs*. 11(2):23–37
- Muhlisah F., 2005. The Original Rhizomes Indonesia and Its Benefits as a Drug (Temu-Temuan dan Empon-Empon Budidaya dan Manfaatnya). Yogyakarta: Kanisius.
- Muller. Werner, E.G. 2003. The Origin of Metazoan Complexity: Porifera as Integrated Animals. *Integrated Computational Biology*; 43 (1): 30-10.
- Niyaz B.B., Kalyani P., Divakar G . 2011. Formulation and Evaluation of Gel Containing Fluconazole Antifungal Agent. *International Journal of Drug Development and Research*; 3(4): 109-128.
- Novriansyah, R. 2008. Perbedaan Kepadatan Kolagen di Sekitar Luka Insisi Tikus Wistar yang Dibalut Kassa Konvensional dan Penutup Oklusif

Hidrokoloid Selama 2 dan 14 Hari. (Tesis). Program Pasca Sarjana Magister Ilmu Biomedik dan Program Pendidikan Dokter Spesialis Ilmu Bedah Universitas Diponegoro

- Paju, N. 2013. Uji Efektivitas Salep Ekstrak Daun Binahong (*Anredera cordifolia* (Ten.) Steenis) pada Kelinci (*Oryctolagus cuniculus*) yang Terinfeksi Bakteri *Staphylococcus aureus*. Jurnal Ilmiah Farmasi UNSRAT. Vol.2.(1):53.
- Paramita, A. 2016. Pengaruh Pemberian Salep Ekstrak Daun Binahong (*Anredera cordifolia* (Ten) Steenis) terhadap Kepadatan Kolagen Tikus Putih (*Rattus norvegicus*) yang Mengalami Luka Bakar [skripsi]. Fakultas Kedokteran Hewan Universitas Airlangga.
- Panchatcharam, Manikan, dan Sumitra Miriyala, Vinaya, S.G, Lonchin Suguna. 2006. Curcumin Improves Wound Healing by Modulating Collagen and Decreasing Reactive Oxygen Species. Springer. Molecular and Cellular Biochemistry 290:87–96
- Peck, M.D. 2012. Epidemiology of Burns Throughout the World. Part II: Intentional Burns in Adults. Burns 38: 630-637.
- Pillai, S. I., P. Palsamy, S. Subramanian, and M. Kandaswamy. 2010. Wound Healing Properties of Indian Propolis Studied on Excision Wound-Induced Rats. Pharmaceutical Biology. 48(11): 1198–1206.
- Pongsipulung G.R., Yamlean P.V.Y. and Banne Y., 2012, Formulasi dan Pengujian Salep Ekstrak Bonggol Pisang Ambon (*Musa paradisiaca* var. *sapientum* L.) Terhadap Luka Terbuka pada Kulit Tikus Putih Jantan Galur Wistar (*Rattus norvegicus*), Pharmacon, 1 (2), 7–13.
- Qing, C. 2017. The Molecular Biology in Wound Healing and Non-Healing Wound. Chinese Journal of Traumatology. 20 (4) : 189 – 193.
- Rachmawati, S. 2007. Studi Mikroskopi dan Skrining Fitokimia Daun *Anredera Cordifolia* (Ten). Steenis (Skripsi). Fakultas Farmasi Unair.
- Rangaraj, A. Harding K., Leaper. 2011. Role of Collagen in Wound Management. *Wound* 7: 23-37
- Ramshaw, JA. Peng Y., Glattauer V., Werkmeister JA. 2009. Collagens as Biomaterials. J. Mater. Sci. Mater. Med. 20 (1): S3–S8.
- Saeidinia, A., F. Keihanian A. P., Lashkari H. G., Lahiji M., Mobayyen A., Heidarzade and J. Golchai. 2017. Partial-Thickness Burn Wounds Healing

by Topical Treatment, A Randomized Controlled Comparison between Silver Sulfadiazine and Centiderm. *Medicine*. 96(9): 1-9.

Setiatin, Enny Tantini. 2004. Euthanasia - Tinjauan Etik pada Hewan. (Makalah tidak diterbitkan). Bogor: Sekolah Pasca Sarjana IPB.

Selawa, W., Runtuwene M.R. dan Citraningrum G. 2013. Kandungan Flavanoid dan Kapasitas Antioksidan Total Ekstrak Etanol Daun Binahong (*Anredera Cordifolia* (Ten) Steenis. *Jurnal Ilmiah Farmasi – Unsrat*. Vol 2. No. 1

Shakya, P., A. K. Sharma, N. Kumar, R. Vellachi, D. D. Mathew, P. Dubey, K. Singh, S. Shrivastava, S. Shrivastava, S. K. Maiti, A. Hasan and K. P. Singh. 2016. Bubaline Cholecyst Derived Extracellular Matrix for Reconstruction of Full Thickness Skin Wounds in Rats. *Scientifica*. 1-13.

Sidhu, G., Singh A., Thaloor D., Banaudha K., Patnaik G., Srimal R., Mani H., Gaddipati J.P., Maheshwari R.K., Seth P . 1998. Enhancement of Wound Healing by Curcumin in Animals. *Wound Repair Regen*;6:167–77.

Sidhu, G.S, Singh A.K, Thaloor D., Banaudha K.K., Patnaik G.K., Srimal R.C., Maheshwari R.K.I. 1999. Curcumin Enhances Wound Healing in Streptozotocin Induced Diabetic Rats and Genetically Diabetic Mice. *Wound Repair Regen*; 7 : 362–74.

Supranto, J. 2000. *Statistik (Teori dan Aplikasi) Edisi Keenam*. Jakarta: Erlangga.

Susetya, Darma. 2014. *Khasiat dan Manfaat Daun Ajaib Binahong, Solusi Sehat dengan Daun Ajaib Binahong untuk Menangkal Pelbagai Penyakit*. Yogyakarta : Pustaka Baru Press.

Thangapazham R, Sharad S, Maheshwari R. 2013. Skin Regenerative Potentials of Curcumin. *Biofactors*; 39 : 141 – 9.

WHO. 2018. Violence and Injury Prevention. <http://www.who.int/en/news-room/fact-sheets/detail/burns>. [1 November 2018]

WHO. 2008. *World Report on Child Injury Prevention*. Switzerland: WHO Press.

Widyastuti N. 2010. Pengukuran Aktivitas Anti-Oksidan dengan Metode CUPRAC, DPPH, dan FRAP serta Korelasinya dengan Fenol dan Flavonoid pada Enam Tanaman (Skripsi). Fakultas Matematika dan Ilmu Pengetahuan Alam, Institut Pertanian Bogor.

Winarto, I.W. 2004. *Khasiat dan Manfaat Kunyit*. Jakarta: Agro Media Pustaka. pp 2 - 12.