

DAFTAR PUSTAKA

- A.B. Huang, R. Guo, S.J. Xu, L. Ma, C.Y. Gao. 2009. *The Healing of Full-Thickness Burns Treated by Using Plasmid DNA Encoding VEGF-165 Activated Collagen-Chitosan Dermal Equivalents*. *Acta Polym. Sin.* 2 (2009) 111.
- Alharbi, Z., Piatkowski, A., Dembinski, R., Reckort, S., Grieb, G., Kauczok, J., & Pallua, N. 2012. *Treatment of Burns in The First 24 Hours: Simple and Practical Guide by Answering 10 Questions in a Step-By-Step Form*. *World Journal of Emergency Surgery*, 7(1), 13.
- Bhardwaj N. & Kundu S. C. 2010. *Electrospinning: A fascinating fiber fabrication technique*. *Biotechnology Advances*, 28 (2010) 325–347.
- Birla, Riva. 2014. *Introduction to Tissue Engineering: Applications and Challenges, First Edition*. The Institute of Electrical and Electronics Engineers, Inc.
- Chen, Z., Mo, X., & Qing, F. 2007. *Electrospinning of collagen–chitosan complex*. *Materials Letters*, 61(16), 3490-3494.
- Chen Z, Wei B, Mo X, Lim C.T., Ramakrishna S., Cui F. 2009. *Mechanical properties of electrospun collagen-chitosan complex single fibers and membrane*. *Mater. Sci. Eng. C*. 29(8):2428-2435.
- Deitzel JM, Kosik W, McKnight SH, Ten NCB, Desimone JM, Crette S. 2002. *Electrospinning of Polymer Nanofibers with Specific Surface Chemistry*. *Polymer*,43:1025–9.
- Dong, C., & Lv, Y. 2016. *Application of Collagen Scaffold in Tissue Engineering: Recent Advances and New Perspectives*. *Polymers*, 2-20.
- Ehterami, A., Salehi, M., Farzamfar, S., Vaez, A., Samadian, H., Sahrapeyma, H., & Goodarzi, A. 2018. *In vitro and in vivo study of PCL/COLL wound dressing loaded with insulin-chitosan nanoparticles on cutaneous wound healing in rats model*. *International journal of biological macromolecules*, 117, 601-609.
- Esselman, P. C. 2007. *Burn Rehabilitation: An Overview*. *Arch Phys Med Rehabil*, S3-S5.
- George Broughton, I. I., Janis, J. E., & Attinger, C. E. 2006. *The basic science of wound healing*. *Plastic and reconstructive surgery*, 117(7S), 12S-34S.
- Gomes, S., Rodrigues, G., Martins, G., Henriques, C., & Silva, J. C. 2017. *Evaluation of nanofibrous scaffolds obtained from blends of chitosan, gelatin and polycaprolactone for skin tissue engineering*. *International journal of biological macromolecules*, 102, 1174-1185.

- Greiner, A., Wendorff, J.H., 2007. *Electrospinning: A Fascinating Method for The Preparation of Ultrathin Fibers*. Angewandte Chemie International Edition 46, 5670e5703.
- Guo, S., He, L., Yang, R., Chen, B., Xie, X., Jiang, B. & Ding, Y. 2020. *Enhanced effects of electrospun collagen-chitosan nanofiber membranes on guided bone regeneration*. Journal of Biomaterials Science, Polymer Edition, 31(2), 155-168.
- Haghi AK, Akbari M. 2007. *Trends in Electrospinning of Natural Nanofibers*. Phys Status Solid, 204:1830–4.
- Herndon, D. N. 2012. *Total Burn Care (4th Edition)*. London: Elsevier Inc.
- Huang, R., Li, W., Lv X, Lei Z, Bian, Y., Deng H., Wang H, Li J. & Li, X. 2015. *Biomimetic LBL structured nanofibrous matrices assembled by chitosan/collagen for promoting wound healing*. Biomaterials, 53, 58-75.
- Jung, S. M., Yoon, G. H., Lee, H. C., & Shin, H. S. 2015. *Chitosan nanoparticle/PCL nanofiber composite for wound dressing and drug delivery*. Journal of Biomaterials Science, Polymer Edition, 26(4), 252-263.
- Joseph CS, Prashanth KH, Rastogi N, Indiramma A, Reddy SY, Raghavaro K. 2011. *Optimum blend of chitosan and poly-(ε-caprolactone) for fabrication of films for food packaging applications*. Food Bioprocess Technol. 4:1179-1185.
- Kishan AP, Cossgriff-Hernandez. 2017. *A Review: Recent Advancements in Electrospinning Design for Tissue Engineering Applications*. J Biomed Mater Res A, 105:2892-905.
- Koller, J. 2014. *Burns : Textbook for Student of General Medicine and Dentistry*. Bratislava: University Bratislava.
- Levengood, S. L., Erickson, A. E., Chang, F. C., & Zhang, M. 2017. *Chitosan–poly (caprolactone) nanofibers for skin repair*. Journal of Materials Chemistry B, 5(9), 1822-1833.
- L. Ma, C.Y. Gao, Z.W. Mao, J. Zhou, J.C. Shen, X.Q. Hu, C.M. Hang. 2002. *Biomaterials*. 24 (2002) 4833
- Liu Haifeng, Ding Xili, Zhou Gang, Li Ping, Wei Xing, Fan Yubo. 2013. *Review: Electrospinning of nanofibers for tissue engineering applications*. Journal of Nanomaterials, 1-4.
- M. Labet, W. Thielemans. 2009. *Synthesis of Polycaprolactone: A Review*. Chem. Soc. Rev. 38 (2009) 3484–3504.
- M.P Lutolf, J.A. Hubbell. 2005. *Synthetic Biomaterials as Instructive Extracellular Microenvironments for Morphogenesis in Tissue Engineering*. Nat. Biotechnol. 23 (2005) 47.

- Marno, Marno, Eri Widiyanto, Jojo Sumarjo, and Aa Santoso. 2018. Perancangan Dan Pengembangan Sistem Electrospinning Sebagai Teknologi Dalam Pembuatan Nanofiber *INVOTEK: Jurnal Inovasi Vokasional Dan Teknologi* 18 (2): 101–8.
- Martins A, Pinho ED, Faria S, Pashkuleva I, Marques AP, Reis RL, Neves NM. 2009. *Surface modification of electrospun polycaprolactone nanofiber meshes by plasma treatment to enhance biological performance*. *Small*. 5:1195-1206.
- McKenna KA, Hinds MT, Sarao RC, Wu PC, Maslen CL, Glanville RW, Babcock D, Gregory KW. 2012. *Mechanical Property Characterization of Electrospun Recombinant Human Tropoelastin for Vascular Graft Biomaterials*. *Acta Biomater*, 225–233
- Moenadjat, Y. 2003. *Luka Bakar: Pengetahuan Klinis Praktis*. Jaarta: Fakultas Kedokteran Universitas Indonesia.
- Miramahdi F, Tafazzoli-Shadpour M, Shokrgozar MA, Bonakdar S. 2013. *Enhanced Mechanical Properties of Thermosensitive Chitosan Hydrogel by Silk Fibers for Cartilage Tissue Engineering*. *Mater Sci Eng C*. 1;33(8):4786-94.
- Mondal, D., Griffith, M., & Venkatraman, S. S. 2016. *Polycaprolactone-Based Biomaterials for Tissue Engineering and Drug Delivery: Current Scenario and Challenges*. *International Journal of Polymeric Materials and Polymeric Biomaterials*, 255-265.
- Moses, O., Pitaru, S., Artzi, Z., & Nemcovsky, C. E. 2005. *Healing of dehiscence-type defects in implants placed together with different barrier membranes: a comparative clinical study*. *Clinical oral implants research*, 16(2), 210-219.
- Nishiyama, T., McDonough, A.M., Bruns, R.R., Burgeson, R.E., 2000. *Type XII and XIV Collagens Mediate Interactions Between Banded Collagen Fibers In-Vitro and May Modulate Extracellular Matrix Deformability*. *J. Biol. Chem.* 269, 28193–28199.
- Persada AN, Windarti I, Fiana DN. 2014. *The Second Degree Burns Healing Rate Comparison Between Topical Mashed Binahong (Anredera cordifolia (Ten.) Steenis) and Hydrogel On White Rats (Rattus norvegicus) Sprague Dawley Strain*. *Jurnal Kedokteran Unila*, Vol.2 No.2,2014 :1–10.
- Pruitt, L. A., & Chakravartula, A. M. 2011. *Cambridge Texts In Biomedical Engineering*. Cambridge: Cambridge University Press.
- Radi H. and Mansoor A., 2001. *Polymeric Biomaterials, Revised and Expanded: Chitosan-Based Delivery Systems Physicochemical Properties and Pharmaceutical Applications*. University of Sherbrooke. Canada.

- Rahmitasari, Fitria. n.d. 2016. *Scaffold 3D Kitosan dan Kolagen Sebagai Graft Pada Kasus Kerusakan Tulang (Study Pustaka)*. No. 150: 1–7.
- Sarkar, S. D., Farrugia, B. L., Dargaville, T. R., & Dhara, S. 2013. *Chitosan–collagen scaffolds with nano/microfibrous architecture for skin tissue engineering*. Journal of Biomedical Materials Research Part A: An Official Journal of The Society for Biomaterials, The Japanese Society for Biomaterials, and The Australian Society for Biomaterials and the Korean Society for Biomaterials, 101(12), 3482-3492.
- Shalumon, K. T., Anulekha, K. H., Chennazhi, K. P., Tamura, H., Nair, S. V., & Jayakumar, R. 2011. *Fabrication of chitosan/poly (caprolactone) nanofibrous scaffold for bone and skin tissue engineering*. International journal of biological macromolecules, 48(4), 571-576.
- Shin SY, Park HN, Kim KH, Lee MH, Choi YS, Park YJ, Lee YM, Rhyu IC, Han SB. 2005. *Biological evaluation of chitosan nanofiber membrane for guided bone regeneration*. J Periodontal. ;76(10):1778-1784.
- Subbiah, T., Bhat, G. S., Tock, R. W., Parameswaran, S., & Ramkumar, S. S. 2005. *Electrospinning of nanofibers*. Journal of applied polymer science, 96(2), 557-569.
- Tan SH, Inai R, Kotaki M, Ramakrishna S. 2005. *Systematic Parameter Study for Ultra-Fine Fiber Fabrication via Electrospinning Process*. Polymer 2005b;46:6128–34.
- Vasita R., Katti D. S. 2006. *Nanofiber and Their Applications in Tissue Engineering*. Int J Nanomedicine 15-30.
- Yuan XY, Zhang YY, Dong CH, Sheng J. 2004. *Morphology of Ultrafine Polysulfone Fibers Prepared by Electrospinning*. Polym Int 2004;53:1704–10.
- Yunyun Liu, Lie Ma, Changyou Gao. 2012. *Facile Fabrication of The Glutaraldehyde Cross-Linked Collagen/Chitosan Scaffold for Skin Tissue Engineering*. Materials Science and Engineering.