

## DAFTAR PUSTAKA

- Akhmad, L.H. 2017. *Gambaran Morfologi Permukaan Gigi Yang Telah Diaplikasi Pasta Cangkang Kerang Darah (Anadara Granosa)*. Universitas Hasanuddin.
- Altabas, V. 2015. Diabetes, Endothelial Dysfunction, And Vascular Repair: What Should A Diabetologist Keep His Eye On? *International Journal Of Endocrinology*, Vol. 2015.
- American Diabetes Association. 2018. Standards Of Medical Care In Diabetes -2018 Introduction. *Diabetes Care*, Vol. 39, No. January, Pp. 2017–2018.
- Andreopoulos, F.M. dan Persaud, I. 2006. Delivery Of Basic Fibroblast Growth Factor (Bfgf) From Photoresponsive Hydrogel Scaffolds. *Biomaterials*, Vol. 27, No. 11, Pp. 2468–2476.
- Artini, I.G.A. 2013. Peran Nanopartikel Dalam Penatalaksanaan Kanker Di Era Targeting Therapy. *Indonesian Journal Of Cancer*.
- Awang-Hazmi, A.J., Zuki, A.B.Z., Noordin, M.M., Jalila, A. dan Norimah, Y. 2007. Mineral Composition Of The Cockle (Anadara Granosa) Shells Of West Coast Of Peninsular Malaysia And It's Potential As Biomaterial For Use In Bone Repair. *Medwell Journals*, Vol. 6, No. 5, Pp. 591–594.
- Brizeno, L.A.C., Assreuy, A.M.S., Alves, A.P.N.N., Sousa, F.B., De B Silva, P.G., De Sousa, S.C.O.M., Lascane, N.A.S., Evangelista, J.S.A.M. dan Mota, M.R.L. 2016. Delayed Healing Of Oral Mucosa In A Diabetic Rat Model: Implication Of Tnf- $\alpha$ , Il-1 $\beta$  And Fgf-2. *Life Sciences*, Vol. 155, Pp. 36–47.
- Broughton, G., Janis, J.E. dan Attinger, C.E. 2006. Wound Healing: An Overview. *Plastic And Reconstructive Surgery*, Vol. 117, No. 7 Suppl., Pp. 1–32.
- Budiarto, H. dan Adiwarna 2013. Pengaruh Konsentrasi Gliserin Terhadap Viskositas Dari Pembuatan Pasta Gigi Cangkang Kerang Darah. *Jurnal Konversi*, Vol. 2, No. 1, Pp. 13–22.
- Cai, S., Liu, Y., Xiao, Z.S. dan Prestwich, G.D. 2005. Injectable Glycosaminoglycan Hydrogels For Controlled Release Of Human Basic Fibroblast Growth Factor. *Biomaterials*, Vol. 26, No. 30, Pp. 6054–6067.
- Chilelli, N.C., Burlina, S. dan Lapolla, A. 2013. Ages, Rather Than Hyperglycemia, Are Responsible For microvascular Complications In Diabetes: A "Glycoxidation-Centric" Point Of View. *Nutrition, Metabolism And Cardiovascular Diseases*, Vol. 23, No. 10, Pp. 913–919.
- Chu, C., Deng, J., Liu, L., Cao, Y., Wei, X., Li, J. dan Man, Y. 2016. Nanoparticles Combined With Growth Factors: Recent Progress And Applications. *Rsc Advances*, Vol. 6, No. 93, Pp. 90856–90872.
- Danmaigoro, A., Selvarajah, G.T., Noor, M.H.M., Mahmud, R. dan Zakaria, M.Z.A.B. 2017. Development Of Cockleshell (Anadara Granosa) Derived CaCO<sub>3</sub> Nanoparticle For Doxorubicin Delivery. *Journal Of Computational And Theoretical Nanoscience*, Vol. 14, No. 10, Pp. 5074–5086.
- Dizaj, S.M., Barzegar-Jalali, M., Hossein Zarrintan, M., Adibkia, K. dan Lotfipour, F. 2015. Calcium Carbonate Nanoparticles; Potential In Bone And Tooth Disorders. *Pharmaceutical Sciences*, Vol. 20, No. 4, Pp. 175–182.
- Drew, C.P. dan Shieh, W.J. 2015. *Immunohistochemistry*. Second Edi. Elsevier Inc.
- Efron, P.A. dan Moldawer, L.L. 2004. Cytokines And Wound Healing: The Role Of Cytokine And Anticytokine Therapy In The Repair Response. *Journal Of*

- Burn Care And Rehabilitation*, Vol. 25, No. 2, Pp. 149–160.
- Falciglia, M., Freyberg, R.W., Almenoff, P.L., D'alessio, D.A. dan Render, M.L. 2009. Hyperglycemia-Related Mortality In Critically Ill Patients Varies With Admission Diagnosis. *Critical Care Medicine*, Vol. 37, No. 12, Pp. 3001–3009.
- Finetti, F., Donnini, S., Giachetti, A., Morbidelli, L. dan Ziche, M. 2009. Prostaglandin E2 Primes The Angiogenic Switch Via A Synergic Interaction With The Fibroblast Growth Factor-2 Pathway. *Circulation Research*, Vol. 105, No. 7, Pp. 657–666.
- Gasparyan, A.Y., Ayyvazyan, L., Blackmore, H. dan Kitas, G.D. 2011. Writing A Narrative Biomedical Review: Considerations For Authors, Peer Reviewers, And Editors. *Rheumatology International*, Vol. 31, No. 11, Pp. 1409–1417.
- Giugliano, D., Ceriello, A. dan Esposito, K. 2008. Glucose Metabolism And Hyperglycemia. *American Journal Of Clinical Nutrition*, Vol. 87, No. 1, Pp. 217–222.
- Gonzalez, A.C.D.O., Andrade, Z.D.A., Costa, T.F. dan Medrado, A.R.A.P. 2016. Wound Healing - A Literature Review. *Anais Brasileiros De Dermatologia*, Vol. 91, No. 5, Pp. 614–620.
- Gupta, P., Arumugam, M., Azad, R.V., Saxena, R., Ghose, S., Biswas, N.R. dan Velpandian, T. 2014. Screening Of Antiangiogenic Potential Of Twenty Two Marine Invertebrate Extracts Of Phylum Mollusca From South East Coast Of India. *Asian Pacific Journal Of Tropical Biomedicine*, Vol. 4, No. Suppl 1, Pp. S129–S138.
- Gurtner, G.C., Werner, S., Barrandon, Y. dan Longaker, M.T. 2008. Wound Repair And Regeneration. *Nature*, Vol. 453, No. 7193, Pp. 314–321.
- Hankemeier, S., Keus, M., Zeichen, J., Jagodzinski, M., Barkhausen, T., Bosch, U., Krettek, C. dan Van Griensven, M. 2005. Modulation Of Proliferation And Differentiation Of Human Bone Marrow Stromal Cells By Fibroblast Growth Factor 2: Potential Implications For Tissue Engineering Of Tendons And Ligaments. *Tissue Engineering*, Vol. 11, No. 1–2, Pp. 41–49.
- Hermanto, E., Sari, R.P., Imaniar, A.C.D. dan Anggoro, K. 2018. Grafting Effectiveness Of Anadara Granosa Shell Combined With Sardinella Longiseps Gel On The Number Of Osteoblast-Osteoclast Cells. *Dental Journal (Majalah Kedokteran Gigi)*, Vol. 50, No. 3, P. 138.
- Institut Pertanian Bogor Karakteristik Morfologi Kerang Darah Anadara Granosa L. Sebagai Respon Terhadap Keragaman Lingkungan.
- Islam, K.N., Bakar, M.Z.B.A., Ali, M.E., Hussein, M.Z. Bin, Noordin, M.M., Loqman, M.Y., Miah, G., Wahid, H. dan Hashim, U. 2013. A Novel Method For The Synthesis Of Calcium Carbonate (Aragonite) Nanoparticles From Cockle Shells. *Powder Technology*, Vol. 235, Pp. 70–75.
- Jaji, A.Z., Zakaria, Z.A.B., Mahmud, R., Loqman, M.Y., Hezme, M.N.M., Abba, Y., Isa, T. dan Mahmood, S.K. 2017. Safety Assessments Of Subcutaneous Doses Of Aragonite Calcium Carbonate Nanocrystals In Rats. *Journal Of Nanoparticle Research*, Vol. 19, No. 5.
- Kaliyappan, K., Palanisamy, M., Duraiyan, J. dan Govindarajan, R. 2012. Applications Of Immunohistochemistry. *Journal Of Pharmacy And Bioallied Sciences*, Vol. 4, No. 6, P. 307.
- Kamba, A.S., Ismail, M., Azmi Tengku Ibrahim, T. dan Zakaria, Z.A.B. 2014a.

- Biocompatibility Of Bio Based Calcium Carbonate Nanocrystals Aragonite Polymorph On Nih 3t3 Fibroblast Cell Line. *African Journal Of Traditional, Complementary And Alternative Medicines*, Vol. 11, No. 4, Pp. 31–38.
- Kamba, A.S., Ismail, M., Azmi Tengku Ibrahim, T. dan Zakaria, Z.A.B. 2014b. Biocompatibility Of Bio Based Calcium Carbonate Nanocrystals Aragonite Polymorph On Nih 3t3 Fibroblast Cell Line. *African Journal Of Traditional, Complementary And Alternative Medicines*, Vol. 11, No. 4, Pp. 31–38.
- Kanaya, S., Nemoto, E., Sakisaka, Y. dan Shimauchi, H. 2013. Calcium-Mediated Increased Expression Of Fibroblast Growth Factor-2 Acts Through Nf-Kb And Pge2/Ep4 Receptor Signaling Pathways In Cementoblasts. *Bone*, Vol. 56, No. 2, Pp. 398–405.
- Kawai, K., Larson, B.J., Ishise, H., Carre, A.L., Nishimoto, S., Longaker, M. dan Lorenz, H.P. 2011. Calcium-Based Nanoparticles Accelerate Skin Wound Healing. *Plos One*, Vol. 6, No. 11.
- Konya, V., Marsche, G., Schuligoi, R. dan Heinemann, A. 2013. E-Type Prostanoid Receptor 4 (Ep4) In Disease And Therapy. *Pharmacology And Therapeutics*, Vol. 138, No. 3, Pp. 485–502.
- Krock, B.L., Skuli, N. dan Simon, M.C. 2011. Hypoxia-Induced Angiogenesis: Good And Evil. *Genes And Cancer*, Vol. 2, No. 12, Pp. 1117–1133.
- Larger, E., Marre, M., Corvol, P. dan Gasc, J.-M. 2004. Hyperglycemia-Induced Defects In Angiogenesis In The Chicken Chorioallantoic Membrane Model. *Methods In Molecular Biology*, Vol. 53, No. 3, Pp. 752–761.
- Lemos, A.F., Rocha, J.H.G., Quaresma, S.S.F., Kannan, S., Oktar, F.N., Agathopoulos, S. dan Ferreira, J.M.F. 2006. Hydroxyapatite Nano-Powders Produced Hydrothermally From Nacreous Material. *Journal Of The European Ceramic Society*, Vol. 26, No. 16, Pp. 3639–3646.
- Li, J., Chen, J. dan Kirsner, R. 2007. Pathophysiology Of Acute Wound Healing. *Clinics In Dermatology*, Vol. 25, No. 1, Pp. 9–18.
- Mailafiya, M.M., Abubakar, K., Danmaigoro, A., Chiroma, S.M., Rahim, E.B.A., Moklas, M.A.M. dan Zakaria, Z.A.B. 2019. Cockle Shell-Derived Calcium Carbonate (Aragonite) Nanoparticles: A Dynamite To Nanomedicine. *Applied Sciences (Switzerland)*, Vol. 9, No. 14, Pp. 1–25.
- Mortazavi, H., Safi, Y., Baharvand, M. dan Rahmani, S. 2016. Diagnostic Features Of Common Oral Ulcerative Lesions: An Updated Decision Tree. *International Journal Of Dentistry*, Vol. 2016.
- Moya, M.L., Huang, J., Francis-Sedlak, M., Kao, S., Opara, E.C., Cheng, M.-H. dan Brey, E.M. 2010. The Effect Of Fgf-1 Loaded Alginate Microbeads On Neovascularization And Adipogenesis In A Vascular Pedicle Model Of Adipose Tissue Engineering. *Biomaterials*, Vol. 31, No. 10, Pp. 2816–2826.
- Nagayasu-Tanaka, T., Anzai, J., Takaki, S., Shiraishi, N., Terashima, A., Asano, T., Nozaki, T., Kitamura, M. dan Murakami, S. 2015. Action Mechanism Of Fibroblast Growth Factor-2 (Fgf-2) In The Promotion Of Periodontal Regeneration In Beagle Dogs. *Plos One*, Vol. 10, No. 6, Pp. 1–19.
- Ni, M. dan Ratner, B.D. 2003. Nacre Surface Transformation To Hydroxyapatite In A Phosphate Buffer Solution. *Biomaterials*, Vol. 24, No. 23, Pp. 4323–4331.
- Nurjanah, Zulhamsyah dan Kustiyariyah 2005. Kandungan Mineral Dan Proksimat Kerang Darah (Anadara Granosa) Yang Diambil Dari Kabupaten Boalemo, Gorontalo. , Vol. VIII, No. 2, Pp. 15–24.

- Okoli, C. dan Schabram, K. 2010. Working Papers On Information Systems A Guide To Conducting A Systematic Literature Review Of Information Systems Research. *Working Papers On Information Systems*, Vol. 10, No. 2010.
- Okonkwo, U.A. dan Dipietro, L.A. 2017. Diabetes And Wound Angiogenesis. *International Journal Of Molecular Sciences*, Vol. 18, No. 7, Pp. 1–15.
- Orrenius, S., Zhivotovsky, B. dan Nicotera, P. 2003. Regulation Of Cell Death: The Calcium-Apoptosis Link. *Nature Reviews Molecular Cell Biology*, Vol. 4, No. 7, Pp. 552–565.
- Praja, F., Rusliadi dan Mulyadi 2014. Growth Rates Of Shellfish Blood (Anadara Granosa) At Different Stocking Density. *Student Of The Fisheries And Marine Science Faculty, Riau University*, Vol. 1, No. 1, Pp. 821–822.
- Primadina, N., Basori, A. dan Perdanakusuma, D.S. 2019. Proses Penyembuhan Luka Ditinjau Dari Aspek Mekanisme Seluler Dan Molekuler. *Qanun Medika - Medical Journal Faculty Of Medicine Muhammadiyah Surabaya*, Vol. 3, No. 1, P. 31.
- Puddu, A., Sanguineti, R., Maggi, D., Nicolò, M., Traverso, C.E., Cordera, R. dan Viviani, G.L. 2019. Advanced Glycation End-Products And Hyperglycemia Increase Angiopoietin-2 Production By Impairing Angiopoietin-1-Tie-2 System. *Journal Of Diabetes Research*, Vol. 2019.
- Van Putte, L., De Schrijver, S. dan Moortgat, P. 2016. The Effects Of Advanced Glycation End Products (Ages) On Dermal Wound Healing And Scar Formation: A Systematic Review. *Scars, Burns dan Healing*, Vol. 2, P. 205951311667682.
- Ramadhani, A., Ramadhani, M.A. dan Amin, A.S. 2014. The Researcher, The Topic, And The Literature: A Procedure For Systematizing Literature Searches. *International Journal Of Basic And Applied Science*, Vol. 3, No. 1, Pp. 47–56.
- Robson, M.C., Steed, D.L. dan Franz, M.G. 2001. Wound Healing: Biologic Features And Approaches To Maximum Healing Trajectories. *Curr Prob Surg* 2001:38; 61-148. *Current Problems In Surgery*, Vol. 38, No. 2, Pp. 72–141.
- Rophael, J.A., Craft, R.O., Palmer, J.A., Hussey, A.J., Thomas, G.P.L., Morrison, W.A., Penington, A.J. dan Mitchell, G.M. 2007. Angiogenic Growth Factor Synergism In A Murine Tissue Engineering Model Of Angiogenesis And Adipogenesis. *American Journal Of Pathology*, Vol. 171, No. 6, Pp. 2048–2057.
- Salomão, M.F.L., Reis, S.R. De A., Vale, V.L.C., Machado, C. De V., Meyer, R. dan Nascimento, I.L.O. 2014. Immunolocalization Of Fgf-2 And Vegf In Rat Periodontal Ligament During Experimental Tooth Movement. *Dental Press Journal Of Orthodontics*, Vol. 19, No. 3, Pp. 67–74.
- Sari, R.P., Sudjarwo, S.A., Rahayu, R.P., Prananingrum, W., Revianti, S., Kurniawan, H. dan Bachmid, A.F. 2017. The Effects Of Anadara Granosa Shell-Stichopus Hermanni On Bfgf Expressions And Blood Vessel Counts In The Bone Defect Healing Process Of Wistar Rats. *Dental Journal (Majalah Kedokteran Gigi)*, Vol. 50, No. 4, P. 194.
- Saryati, Sukaryo, S.G., Handayani, A., Untoro, P. dan Sugeng, B. 2012. Hidrosiapatit Berpori Dari Kulit Kerang. *Jurnal Sains Materi Indonesia*, , No. April, Pp. 31–35.
- Seo, H.R., Jeong, H.E., Joo, H.J., Choi, S.C., Park, C.Y., Kim, J.H., Choi, J.H., Cui,

- L.H., Hong, S.J., Chung, S. dan Lim, D.S. 2016. Intrinsic Fgf2 And Fgf5 Promotes Angiogenesis Of Human Aortic Endothelial Cells In 3d Microfluidic Angiogenesis System. *Scientific Reports*, Vol. 6, No. June, Pp. 1–11.
- Shafiu Kamba, A. dan Zakaria, Z.A.B. 2014. Osteoblasts Growth Behaviour On Bio-Based Calcium Carbonate Aragonite Nanocrystal. *Biomed Research International*, Vol. 2014.
- Singh, V.P., Bali, A., Singh, N. dan Jaggi, A.S. 2014. Advanced Glycation End Products And Diabetic Complications. *Korean Journal Of Physiology And Pharmacology*, Vol. 18, No. 1, Pp. 1–14.
- Umpierrez, G.E., Hellman, R., Korytkowski, M.T., Kosiborod, M., Maynard, G.A., Montori, V.M., Seley, J.J. dan Van Den Berghe, G. 2012. Management Of Hyperglycemia In Hospitalized Patients In Non-Critical Care Setting: An Endocrine Society Clinical Practice Guideline. *Journal Of Clinical Endocrinology And Metabolism*, Vol. 97, No. 1, Pp. 16–38.
- Vecchio, K.S., Zhang, X., Massie, J.B., Wang, M. dan Kim, C.W. 2007. Conversion Of Bulk Seashells To Biocompatible Hydroxyapatite For Bone Implants. *Acta Biomaterialia*, Vol. 3, No. 6, Pp. 910–918.
- 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*, Vol. 37, No. 5, Pp. 1528–1542.
- Widyastuti, W., Rubianto, M. dan Soetjipto 2019. Induction Of Angiogenesis Process In Mandible Using Anadara Granosa Shell Graft (Experimental Laboratory Study On Rattus Norvegicus). *Iop Conference Series: Earth And Environmental Science*, Vol. 217, No. 1.
- Yun, Y.R., Won, J.E., Jeon, E., Lee, S., Kang, W., Jo, H., Jang, J.H., Shin, U.S. dan Kim, H.W. 2010. Fibroblast Growth Factors: Biology, Function, And Application For Tissue Regeneration. *Journal Of Tissue Engineering*, Vol. 1, No. 1, Pp. 1–18.

