

DAFTAR PUSTAKA

- Al-Jbour, N.D., Beg, M.D., Gimbut, J., Moshul Alam, A.K.M., 2019, An Overview of Chitosan Nanofibers and their Applications in the Drug Delivery Process, *Current Drug Delivery*, 16, 1-24
- Beasley, M.M., Bartelink, E.J., Lacy, T.M., dan Randy, M., 2014, Comparison of Transmission FT-IR, ATR, and DRIFT Spectra: Implication for Assessment of Bone Bioapetite Diagenesis, *Journal of Archaeological Science*, 46(2014):12-22
- Behring, J., Junker, R., Walboomers, X.F., Chessnut, B., dan Jansen, J.A., 2008, Toward Guided Tissue Regeneration and Bone Regeneration: Morphology, Attachment, Proliferation, and Migration of Cells Cultured on Collagen Barrier Membranes, A Systematic Review, *Odontology*, 96:1-11
- Cahaya C. dan Masulili S.L.C., 2015, Perkembangan Terkini Membran Guided Tissue Regeneration/Guided Bone Regeneration sebagai Terapi Regenerasi Jaringan Periodontal, *Maj Ked Gi Ind*, 1(1):1-11
- Campa-Siqueiros, P., Madera-Santana, T.M., Ayala-Zavala, J.F., Lopez-Cervantes, J., Castillo-Ortega, M.M., Herrera-Franco, P.J., 2020, Nanofibers of Gelatin and Polyvinyl-Alcohol-Chitosan for Wound Dressing Application: Fabrication and Characterization, *Polimeros*, 30(1):e2020006
- Chen, D.W.-C., Lee, F.-Y., Liao, J.-Y., Liu, S.-J., Hsiao, C.-Y., dan Chen, J.-K., 2013, Preclinical Experiments on the Release Behavior of Biodegradable Nanofibrous Multipharmaceutical Membranes in A Model of Four-Wall Intrabony Defect, *Antimicrob. Agents Chemother*, 57:9-14
- Choi, S., Chu, B.Y., Hwang, D.S., Lee, S.G., Park, W.H., dan Park, J.K., 2005, Preparation and Characterization of Polyaniline Nanofiber Webs by Template Reaction with Electrospun Silica Nanofibers, *Thin Solid Films* 477, 233-239
- Darmawan, M., Syamdidi, Yennie, Y., dan Wibowo, S., 2016, Karakteristik Serat nano Komposit Kitosan-Polivinil Alkohol (PVA) dari Cangkang Rajungan melalui Proses Electrospinning, *JPB Kelautan dan Perikanan*, 11(2):213-222
- Dashore, S., Chouhan, K., Nanda, S., dan Sharma, A., 2021, Platelet Rich Fibrin, Preparation and Use in Dermatology, *Indian Dermatology Online Journal*, 12(1):S55-S65
- Diaz-Gomez, L., Alvarez-Lorenzo, C., Concheiro, A., Silva, M., Dominguez, F., Sheikh, F.A., Cantu, T., Desai, R., Garcia, V.L., dan Macossay, J., 2014, Biodegradable Electrospun Nanofibers coated with Platelet-rich Plasma for Cell Adhesion and Proliferation, *Mater Sci Eng C Mater Biol Appl*, 40:180-188
- Enders, A.A., North, N., Fensore, C.M., Velez-Alvarez, J., dan Allen, H.C., 2021, Functional Group Identification for FTIR Spectra using Image-Based Machine Learning Models, *Anal. Chem.*, 93:9711-9718
- Fathollahipour, S., Mehrizi, A.A., Ghaee, A., dan Koosha, M., 2015, Electrospinning of PVA/chitosan Nanocomposite Nanofibers containing Gelatin Nanoparticles as a Dual Drug Delivery System, *J Biomed Mater Res Part A*, 103A:3852-3862

- Fujioka, Kobayashi, M., Miron, R.J., Hernandez, M., Kandam, U., Zhang, Y., dan Choukroun, J., 2017, Optimized Platelet-Rich Fibrin With the Low-Speed Concept: Growth Factor Release, Biocompatibility, and Cellular Response, *J Periodontol*, 8(1):122-121
- Fujioka-Kobayashi, M., dan Miron, R.J., 2017, *Platelet Rich Fibrin in Regenerative Dentistry: Biological Background and Clinical Indications*, 1st Ed., John Wiley & Sons Ltd., USA
- Jaggi, N., dan Vij, D.R., 2006, *Handbook of Applied Solid State Spectroscopy*, Springer, Boston
- Jia, Y.T., Gong, J., Gu, X.H., Kim, H.Y., Dong, J., dan Shen, X.Y., 2007, Fabrication and Characterization of Poly(vinyl alcohol)/chitosan Blend Nano Fibers Produced by Electrospinning Method, *Carbohydrate Polymers*, 67, 403-409
- Kai, X., Li, R., Yang, T., Shen, S., Ji, Q., dan Zhang, T., 2017, Study on the co-pyrolysis of rice straw and high density polyethylene blends using TG-FTIR-MS, *Energy Conservation and Management*, 146: 20-33
- Kegere, J., Ouf, A., Siam, R., dan Mamdouh, W., 2019, Fabrication of Poly(vinyl alcohol)/Chitosan/Bidens Pilosa Composite Electrospun Nanofibers with Enhanced Antibacterial Activities, *American Chemical Society*, 4:8778-8785
- Kuo, T., Jang, C., Lin, C., Hsien, T., dan Hsieh, H., 2017, Fabrication and Application of Coaxial of Polyvinyl Alcohol/Chitosan Nanofiber Membranes, *Open Phys*, 15:1004-1014
- Kornsuthisopon, C., Pirarat, N., Osathanon, T., dan Kalpravidh, C., 2020, Autologous Platelet-Rich Fibrin Stimulates Canine Periodontal Regeneration, *Sci Rep*, 10(1850):1-14
- Kementerian Kesehatan Republik Indonesia, 2018, Laporan Nasional RISKESDAS, hal.207
- Lee, H., Byun, S., Cho, S., dan Yang, B., 2019, Past, Present and Future of Regeneration Therapy in Oral and Periodontal Tissue: A Review, *Appl. Sci.*, 9(1046):1-19
- Lekovic, V., Milinkovic, I., Aleksic, Z., Jankovic, S., Stankovic, P., Kenney, E., Camargo, P., 2012, Platelet-Rich Fibrin and Bovine Porous Bone Mineral vs. Platelet-rich Fibrin in the Treatment of Infrabony Periodontal Defects, *J Periodontal Res*, 47:409-417
- Levin L, 2016, Periodontal Risk Assessment: A Call for Programs and Outcomes, *Journal of Dental Education*, 80(12):1391
- Liu, Q., Ouyang, W., Zhou, X., Jin, T., dan Wu, Z., 2021, Antibacterial Activity and Drug Loading of Moxifloxacin-Loaded Poly(Vinyl-Alcohol)/Chitosan Electrospun Nanofibers, *Frontiers in Materials*, 8, Article 643428
- Mahmoodi, N.M dan Mokhatari-Shourijeh, Z., 2015, Preparation of PVA-chitosan Blend Nanofiber and Its Dye Removal Ability from Colored Wastewater, *Fibers dan Polymers*, 16(9):1861-1869
- Mei, Y., Runjun, S., Yan, F., Honghong, F., Hao, D., dan Chengkun, L., 2019, Preparation, Characterization and Kinetics Study of Chitosan/PVA

- Electrospun Nanofiber Membranes for the Adsorption of Dye From Water, *J Polym Eng*, 39(5):459-471
- Miron, R.J., Fujioka-Kobayashi, M., Hernandez, M., Kandalam, U., Zhang, Y., Ghanaati, S., dan Choukroun, J., 2017, Injectable Platelet Rich Fibrin (i-PRF): Opportunitis in Regenerative Dentistry?, *Clin Oral Invest*, 1-9
- Mohammadi, Y., Mirzadeh, H., dan Moztaazadeh, F., 2007, Osteogenic Differentiation of Mesenchymal Stem Cells on Novel Three-Dimensional Poly(L-Lactic Acid)/Chitosan/Gelatin/B-Tricalcium Phosphate Hybrid Scaffolds, *Iran Polym J*, 16: 57–69
- Nandiyanto, A.B.D., Oktiani, R., dan Ragadhita, R., 2019, How to Read and Interpret FTIR Spectroscopy of Organic Material, *Indonesian Journal of Science & Technology*, 4(1):97-118.
- Nemati, S., Kim, S.-j., Shin, Y. M., dan Shin, H., 2019, Current Progress in Application of Polymeric Nanofibers to Tissue Engineering, *Nano Convergence*, 6(1), 1–16
- Newman, M.G., Takei, H.H., Klokkevold, P.R., dan Carranza, F.A., 2019, *Newman and Carranza's Clinical Periodontology*, 13th Edition, Elsevier, Philadelphia
- Nokhasteh, S., Molavi, A.M., Khorsand-Ghayeni, M., dan Sadeghi-Avalshahr, A., 2020, Preparation of PVA/Chitosan Samples by Electrospinning and Film Casting Methods and Evaluating the Effect of Surface Morphology on Their Antibacterial Behaviour, *Mater. Res. Express* 7, 015401
- Park J.K., Yeom, J., Oh, E.J., Reddy, M., Kim, J.Y., dan Cho, D.-W., 2009, Guided Bone Regeneration by Poly(Lactic-Co-Glycolic Acid) Grafted Hyaluronic Acid Bi-Layer Films for Periodontal Barrier Applications, *Acta Biomater*, 5:3394–3403
- Polimeni, G., Xiropaidis, A.V., dan Wikesjö, U.M.E., 2006, Biology and Principles of Periodontal Wound Healing/Regeneration, *Periodontol.* 2000, 41:30–47
- Qu, H., Fu, H., Han, Z., & Sun, Y., 2019, Biomaterials for Bone Tissue Engineering Scaffolds: A review, *RSC Advances*, 9(45), 26252–26262
- Rafieian, S., Mahdavi, H., dan Masoumi M.E., 2019, Improved Mechanical, Physical and Biological Properties of Chitosan Films using Aloe vera and Electrospun PVA Nanofibers for Wound Dressing Applications, *Journal of Industrial Textiles*, 1-9
- Rahmat, S., dan Suwarno, 2020, Analisa Spektroskopi Inframerah Transformasi Fourier dan Gas Terlarut terhadap Perubahan Gugus Fungsi Komposisi Minyak Ester, *Jurnal Infotekmesin*, 11(01):14-23
- Rastegar, A., Mahmoodi, M., Mirjalili, M., Nasirizadeh, N., 2021, Platelet-rich Fibrin-loaded PCL/chitosan Core-Shell Fibers for Enhanced Osteogenic Differentiation of Mesenchymal Stem Cells, *Carbohydrate Polymers*, 269:118351
- Reynolds, M.A., Aichelmann-Reidy, M.E., dan Branch-Mays, G.L., 2010, Regeneration of Periodontal Tissue: Bone Replacement Grafts, *Dent. Clin. North Am*, 54:55–71
- Ripamonti U., dan Petit, J.C., 2009, Bone Morphogenetic Proteins, Cementogenesis, Myoblastic Stem Cells And The Induction of Periodontal Tissue Regeneration, *Cytokine Growth Factor Rev*, 20:489–499

- Sharma, S.K., Mudgal, S.K., Thakur, K., dan Gaur, R., 2020, How to Calculate Sample Size for Observational and Experimental Nursing Research Studies?. *Natl J Physiol Pharm Pharmacol*, 10(10):1-8
- Shivashankar, V.Y., Johns, D.A., Vidyanath, S., dan Sam, G., 2013, Combination Of Platelet Rich Fibrin, Hydroxyapatite And PRF Membrane In The Management Of Large Inflammatory Periapical Lesion, *J Conserv Dent*, 16:261
- Silva, S.S., Caridade, S.G., dan Mano, J.F., 2013, Effect of Crosslinking In Chitosan/Aloe Vera-Based Membranes for Biomedical Applications, *Carbohydr Polym*, 98: 581–588
- Su, C.Y., Kuo, Y.P., Tseng, Y.H., Su, C.H., dan Burnouf, T., 2009, In Vitro Release of Growth Factors from Platelet-Rich Fibrin (PRF): A Proposal to Optimize the Clinical Applications of PRF, *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontology*, 108(1), 56–61
- Sun, K., dan Li, H.Z., 2011, Preparations, properties and Applications of chitosan based Nanofibers Fabricated by Electrospinning, *eXPRESS Polymer Letters*, 5(4), 342-361
- Suo, H., Zhang, D., Yin, J., Qian, J., Wu, Z. L., dan Fu, J., 2018, Interpenetrating Polymer Network Hydrogels Composed of Chitosan and Photocrosslinkable Gelatin with Enhanced Mechanical Properties for Tissue Engineering, *Materials Science and Engineering, C*, 92, 612–620
- Tangsadthakun, C., Kanokpanont, S., Sanchavanakit, N., Banaprasert, T., dan Damrongsakkul, S., 2006, Properties of Collagen/Chitosan Scaffolds for Skin Tissue Engineering, *J Metals Materials Minerals*, 16 (1): 37-44.
- Varela, H.A., Souza, J.C.M., Nascimento, R.M., Araujo Jr., R.F., Vanconcelos, R.C., Cavalcante, R.S., Guedes, P.M., dan Araujo, A.A., 2019, Injectable Platelet Rich Fibrin: Cell Content, Morphological, and Protein Characterization, *Clin Oral Invest*, 23:1309-1318
- Verissimo, D.M., Leitão, R.F.C., Ribeiro, R.A., Figueiró, S.D., Sombra, A.S.B., dan Góes, J.C., 2010, Polyanionic Collagen Membranes for Guided Tissue Regeneration: Effect of Progressive Glutaraldehyde Cross-Linking on Biocompatibility and Degradation, *Acta Biomater*, 6:4011–4018
- Yang, F., Both, S.K., Yang, X., Walboomers, X.F., dan Jansen, J.A., 2009, Development of an Electrospun Nano-Apatite/PCL Composite Membrane for GTR/GBR Application, *Acta Biomater*, 5:3295–3304
- Zhu, L., Luo, D., dan Liu, Y., 2020, Effect of The Nano/Microscale Structure of Biomaterial Scaffolds on Bone Regeneration, *International Journal of Oral Science*, 12(1):1–15
- Zhang, Zhang, B., Zhang, X.J., Bao, C.Y., Wang, Q., Yao, J.F., Fan, H.S., 2007, Repairing Periodontal Bone Defect with In Vivo Tissue Engineering Bone, *Key Eng. Mater*, 330–332:1121–1124