

DAFTAR PUSTAKA

- BASF., 1999, *Glutaraldehyde-50%*. New Jersey: BASF Corporation.
- Cay, A., Miraftab, M., & Kumbasar, E. P., 2014, Characterization and swelling performance of physically stabilized electrospun poly(vinyl alcohol)/chitosan nanofibres, *European Polymer Journal*, 61, 253-262.
- Doshi, J., & Reneker, D. H., 1995, Electrospinning Process and Applications of Electrospun Fibers, *Journal of Electrostatics*, 35, 151-160.
- Feng, C., Khulbe, K. C., Matsuura, T., Tabe, S., & Ismail, A. F., 2013, Preparation and characterization of electro-spun nanofiber membranes and their possible application in water treatment, *Separation and Purification Technology*, 102, 118-135.
- Gaikwad, U. V., & Pande, S. A., 2013, A review of biopolymer chitosan blends in polymer system, *Int.Res.J.of Science & Engineering*, 1, 13-16.
- Garg, K., & Bowlin, G. L., 2011, Electrospinning jets and nanofibrous structures, *Biomicrofluidics*, 5, 1-19.
- Geng, X., Kwon, O.-H., & Jang, J., 2005, Electrospinning of chitosan dissolved in concentrated acetic acid solution, *Biomaterials*, 26, 5427-5432.
- Hassan, C. M., & Peppas, N. A., 2000, Structure and application of poly(vinyl alcohol) hydrogel produced by conventional crosslinking or by freezing/thawing methods, *Advan Polym Sci*, 153, 37-38.
- Jawelz, M. A., 1995, *Mikrobiologi Kedokteran*, Edisi 20, EGC, Jakarta.
- Jia, Y.-T., Gong, J., Gu, X.-H., Kim, H.-Y., Dong, J., & Shen, X.-Y., 2007, Fabrication and characterization of poly (vinyl alcohol)/chitosan blend nanofibers produced by electrospinning method, *Carbohydrate Polymers*, 67, 403-409.
- Kumar, H. M., Prabhakar, M. N., Prasad, C. V., Rao, K. M., Reddy, T. V., Rao, K. C., & Subha, M.C.S., 2010, Compatibility studies of chitosan/PVA blend in 2% aqueous acetic acid solution at 30 °C, *Carbohydrate Polymers*, 82, 251-255.
- Mi, F., Tan, Y., & Liang, H., 2002, In vivo biocompatibility and degradability of a novel injectable-chitosan-based implant, 23, 181-191.
- Mikrajuddin, A., & Khairurrijal., 2010, *Karakterisasi Nanomaterial: Teori, Penerapan, dan Pengolahan Data*, Bandung: CV. Rezeki Putera.
- Mitra, T., Sailakshmi, G., & Gnanamani, A., 2014, Could glutaric acid (GA) replace glutaraldehyde in the preparation of biocompatible biopolymers with high mechanical and thermal properties ?, *J.Chem.Sci*, 126, 127-140.
- Ohkawa, K., Minato, K.-I., Kumagai, G., Hayashi, S., & Yamamoto, H., 2006, Chitosan Nanofiber, *Biomacromolecules*, 7, 3291-3294.

- Patachia, S., Valente, A. J., Papancea, A., & Lobo, V. M., 2009, Poly(Vinyl Alcohol)(PVA) Based Polymer Membranes, New York: Nova Science Publisher, Inc.
- Pham, Q. P., Sharma, U., & Mikos, A. G., 2006, Electrospinning of Polymeric Nanofibers for Tissue Engineering Applications: A Review, *Tissue Engineering*, *12*, 1197-1211.
- Ramakrisna, S., Fujihara, K., Teo, W.-E., & Lim, T.-C., 2005, An Introduction to Electrospinning and Nanofibers, Singapore: World Scientific Publisher.
- Son, W. K., Youk, J. H., Lee, T. S., & Park, W. H., 2004, The effects of solution properties and polyelectrolyte on electrospinning of ultrafine poly(ethylene oxide) fibers, *Polymer*, *42*, 2959-2966.
- Wang, H., Fang, Y., & Yan, Y., 2004, Surface modification of chitosan membranes by alkane vapor plasma, *Muter Chem*, *11*, 911-918.
- Zheng, H., Du, Y. M., Yu, J. H., Huang, R. H., & Zhang, L. N., 2001, Preparasion and characterization of chitosan/poly(vinyl alcohol) blend fibers, *Journal of Applied Polymer Science*, *80*, 2558-2565.
- Zong, X. H., Kim, K. S., Fang, D. F., Ran, S. F., Hsiao, B. S., & Chu, B. J., 2002, Structure and process relationship of electrospun bioabsorbable nanofiber membranes, *Polymer*, *43*, 4403-4412.