

DAFTAR PUSTAKA

- Agnihotri,S.A., Nadagounda, N., Mallikarjuna., Tejraj, M., Aminabhavi., 2004. Recent advances on chitosan based micro and nanoparticles in drug delivery. *Journal Control Release* ,**100**(1),5-28.
- Ajizah,A.2004. *Sensitivitas Salmonella thypimurium Terhadap Ekstrak Daun Jambu Biji (Psidium guajava l.)*.*Bioscientiae.*, Program Studi Biologi FMIPA Univeritas Lambung mangkurat.
- Akhtar, F., Rizvi, M. M., dan Kar, S. K. 2012. Oral Delivery of Curcumin Bound to Chitosan nanoparticles Cured *Plasmodium yoelii* Infected Mice. *Biotechnology Advances*.**30**(1),310-320.
- Apristiani, Dwi dan Puji Astuti. 2005. Isolasi Komponen aktif Antibakteri Ekstrak Kloroform Daun Mimba (*Azadirachta indica* A. Juss) dengan Bioautografi. Biologi FMIPA UNS Surakarta. *Biofarmasi* **3**(2),43-46.
- Avadi, M.R., Assal, M.M.S., Nasser, M., Saideh, A., Fatemeh, A., Rassoul, D.,and Morteza, R., 2010, Preparation And Characterization Of Insulin Nanoparticles Using Chitosan And Arabic Gum With Ionic Gelation Method, *Journal nano*, **2** (1) 58-63.
- Backer, CA, RCB Van Den Brink, 1963. Flora of Java. I (3).NV.Noordhoff, Groningan, The Netherland, (1-5).
- Bhumkar DR. dan Pokharkar VB, 2006, Studies on effect of pH on Cross-linking of Chitosan with Sodium Tripolyphosphate: A Technical Note, *AAPS PharmSciTech*, **7**(2).
- Bowman K., Leong. W., 2006, Chitosan nanoparticles for oral drug and gene delivery, a Review, *International Journal Nanomedicine*, 1(2),117-128.
- Buzea, C., Blandino, I.I.P., dan Robbie, K., 2007, *Nanomaterial and nanoparticles: sources and toxicity*, *Biointerphases*, **2**(172).
- Cahyono. 2009. *Pisang Usaha Tani Dan Penanganan Pascapanen Revisi kedua*. Kanisius :Yogyakarta .
- Depkes RI., 2008, Formularium Herbal Indonesia, Balitbang Kesehatan, Kementrian Kesehatan RI, Jakarta,**1**(31).
- Ditjen POM. 2000. Parameter Standar Umum Ekstrak Tumbuhan Obat. Jakarta: Departemen Kesehatan RI, 65-68.
- Dounighi MN, Eskandari R, Avadi MR, Zolfagharian H, Sadeghi MM, Rezayat M. 2012. Preparation and In Vitro Characterization of Chitosan Nanoparticles Containing *Mesobuthus eupeus* Scorpion Venom as an

- Antigen Delivery System. *J Venom Anim Toxins incl Trop Dis.* **18** (1): 4452.
- Dustagani, A., Faharani, E. V., and Imani, M. 2008. Preparation of Chitosan Nanoparticle Loaded by Dexamethasone Sodium Phosphate. *Iranian Journal Of Pharmaceutical Science* **4** (2): 111-114.
- Fadhilah, F. M. J, Suharni Mohammad,wan Nazatul Shima Shahidan.2014. Anti bacterial effect of banana bulb Extract based on different extraction methods againts selected microorganism, *Asian journal of Biomedical and pharmaceutical Sciences* ;**4**(36), 14-19.
- Gupta, R. B and Kampella, C.B., 2006, *Nanoparticle technology of drug delivery*, Taylor and Francis GNP, New York. **4**(6)13-16.
- Hardjono, 1995. *Sintesis Bahan Alam*, Gadjah Mada University Press, Yogyakarta, 47-61.
- Hu, M., dan Li, X., 2011, *Oral bioavailability : basic principles, advance concept, and application*, John Wiley & Sons, Inc., Hoboken, New Jersey, 32-33.
- Jahanshahi, M. Dan Babaei, Z., 2008. Protein Nanopartikel: A Unique system as Drug Delivery Vehicle. *Journal Biotechnology*. **7** (25). 4926-4934.
- Kawahima, Y., Yamamoto, H., Takeuchi, H., and Kuno, Y., 2000, Muscoadhesive DL-lactide/glycolide copolymer nanospheres coated with chitosan to improve oral delivery of elcatonin, *Pharmaceutical Development and Tecnology*, **5**(1),77-85.
- Kurniasari, Dessy., 2016, Pembuatan Dan Karakterisasi Nanopartikel Ekstrak Etanol Temu Kunci (*Boesenbergia Pandurata*) Pada Berbagai Variasi Komposisi Kitosan, *Skripsi*, Yogyakarta: Universitas Negeri Yogyakarta.
- Laili, H.N., Winarti, L., dan Sari, L.O.R.K., 2014, Preparasi dan Karakterisasi Nanopartikel Kitosan-Naringenin dengan Variasi Rasio Massa Kitosan-Natrium Tripolifosfat, *E-Jurnal Pustaka Kesehatan*, **2** (2), 308-312.
- Lemmens, R.H.M.J. dan N.Bunyaphatsara., 2003, *Plant Resources of SouthEast Asia Medical and Poisonous Plants*, Leiden: Bachuys Publishers. Leiden, 56-59.
- Li F., Li J., Wen X., Zhiu S., Tong X., Su P, Li H., Shi D., 2009, *Anti tumor Activity of paclitaxel loaded chitosan nanoparticles : An in vitro study*, *Mater. Sci. Eng C*.

- Manach, C., Williamson, G., Morand, C., Scalbert, A., and Remesy, C., 2005, Bioavailability and Bioefficacy of Polyphenols In Humans, review of 97 Bioavailability Studies, *American Journal of Clinical Nutrition*, American **1** (1), 230-242.
- Markham, K.R., 1988, *Cara Mengidentifikasi Flavonoid*, Penerbit ITB, Bandung, 53-55.
- Moschwitz Jan . 2010. *Nanotechnology : Particle Size Reduction Technologies In the Pharmaceutical Development Proces*. Berlin : Early Pharmaceutical Development.
- Mohapatra, A. N., Okolo., B. N., Nweke, A. I., Ezeogu., L. I., dan Ire. F., 2008. *Selection and Characterisation Of High Ethanol Tolerant Saccharomyces Yeast from Orchard Soil*. Departement of Microbiology, University of Nigeria, Nsukka, Nigeria.
- Munadjim, Drs., 1988. *Teknologi Pengolahan Pisang*. Penerbit PT Gramedia. Jakarta, 23-27.
- Nakorn, P.N., 2008, Chitin Nanowhisker and Chitosan Nanoparticles in Protein Immobilization for Biosensor Applications, *Journal of Metals, Materials and Minerals* **18**(2): 73-77.
- Nugroho dan Ignatius A., 2010, *Lokakarya Nasional Tanaman Obat Indonesia Edisi 2*. Asia Pacific Forest Genetic Resources Programme. Poulain, **36** (17) : 3035-3043.
- Nuswantoro, O.P., 2011, Aktivitas Antiinflamasi Ekstrak Etanol Daun Suji (Pleomele Angustifolia) Pada Tikus Putih, Universitas Jenderal Soedirman: Purwokerto, 1-13.
- Okoli, R.I., A. A. Turay., J. K. Mensah and A. O. Aigbe. 2009. Phytochemical and Antimicrobial Properties of Four Herbs From Edo State, Nigeria. *Report and Opinion*. **1** (5) : 67-73.
- Poulain N, Nakache E. 1998. Nanoparticles from vesicles polymerization II. Evaluation of their encapsulation capacity. *Journal Polymer Science*, **36**(17), 3035-3043.
- Priosoeryanto., 2006. *Aktifitas getah batang pohon pisang dalam proses persembuhan luka dan efek kosmetiknya pada hewan*. IPB. Bogor. 54-59.
- Rauhatun, Napsah dan Iis, Wahyuningsih., 2013, *Preparasi Nanopartikel Kitosan-TPP Ekstrak Etanol Daging Buah Mahkota Dewa*

(*Phaleriamacrocarpa* (Scheff) Boerl) dengan Metode Gelasi Ionik, Yogyakarta, **11**(1), 7-12.

Rawat, M., Singh, D., Saraf, S., 2006, *Nanocarriers: Promising Vehicle for Bioactive Drugs. Biology Pharmaceutical Bull*, **29**(9). 1790-1798.

Rismana, Eriawan dkk., 2014. Pengujian Aktivitas Antiacne Nanopartikel Kitosan-Ekstrak Kulit Buah Manggis (*Garcinia mangostana*). *Journal sains dan Teknologi Indonesia*, Badan Pengkajian dan Penerapan Teknologi, Serpong, **24**(1), 19-27.

Ronson, 2012, *Zeta Potensial Analysis of Nanoparticle*, NanoComposix, San Diego, 3-4.

Salau, B.A., Anjani, E.O., Akinlolu, A.A., Eko, M.N., dan Soladoye, M. O, 2010. Methanolic Extract of *Musa sapientum* Sucker Moderates fasting Blood Glucose and Body Weight of Alloxan Induced Diabetic Rats. *Asian Journal Expert Biological Scientis*, **(I)** 2010 : 30-35.

Saputra, G., 2016, *Karakterisasi Nanoenkapsulasi Kitosan- Ekstrak Etanol 70% Daun Sirih (Piper betle linn)* Dengan Metode Gelasi Ionik, Universitas Tanjung, Pontianak.

Soesanto, L. dan Ruth, F.R. 2009. Pengimbasan Ketahanan Bibit Pisang Ambon Kuning Terhadap Penyakit Layu Fusarium dengan Beberapa Jamur Antagonis. *Jurnal HPT Tropika*, **9** (2): 130-140.

Sudjadi., 2008, *Metode Pemisahan*. UGM Press. Yogyakarta, 49-51.

Tiwari, P. Kumar, B. Kaur, M. Kaur, G. Kaur, H. 2001. Phytochemical screening and Extraction: A Review. *Internationale Pharmaceutica Scientia*. **1**(1).

Tiyaboonchai, W., 2003, Chitosan nanoparticles: A promising system for drug delivery, *Naresuan University Journal*, **11**(3): 51-66.

Van Steebis, C.G.G.J, 1981. *Flora*, Untuk Sekolah Indonesia. P.T. Pradnya Paramita, Jakarta, 24-26.

Versic, R. J., 2010, *Coacervation for Flavor Encapsulation* <http://rtdodgle.com/coacer.html>, diakses pada 20 Juni 2018.

Wulandari, L., 2011, *Kromatografi Lapis Tipis*, PT. Taman Kampis Presindo, Jember, 31-35.

Yu-Shin, L., Kiran, S., Kurt, M.L., Jyuhn, H.J., Long, F., Han, Y., Hsing, W.S., 2008, *Multi-ion-crosslinked Nanoparticles with pH-responsive Characteristic for Oral Delivery of Protein Drugs*. 132, 141-149.

