

DAFTAR PUSTAKA

- Alsammarraiea, Fouad K, c.W. 2018. "Green Synthesis of Silver Nanoparticles Using Turmeric Extracts and Investigation of Their Antibacterial Activities." *Colloids and Surfaces B: Biointerfaces* 171 (2018) 398–405.
- Annaqiyah, Wilda Kholida. 2017. "Komposit Hidrogel *Hyaluronic Acid (HA)*-*Methylcellulose (MC)* dengan Antibakteri AgNPs sebagai Barrier Fisik Antiadhesi Intraperitoneal Pasca Bedah." *Skripsi*. FST, Teknik Biomedis, Universitas Airlangga.
- Arung, Willy, Michel Meurisse, and Olivier Detry. 2011. "Pathophysiology and Prevention of Postoperative Intraperitoneal Adhesions." *World Journal of Gastroenterology* 17(41): 4545–53.
- Avalos *et al.* 2013. "Cytotoxicity and ROS production of manufactured silver nanoparticles of different sizes in hepatoma and leukemia cells". DOI 10.1002/jat 2957.
- Ayala-Nunez. *et al.* 2009. "Silver nanoparticles toxicity and bactericidal effect against methicillin-resistant *Staphylococcus aureus* : nanoscale does matter." *Nanobiothechnology.*, 5(1-4), 2-9.
- Brochhausen C, Schmitt VH, Planck CN, Rajab TK, Hollemann D, Tapprich C, *et al.* 2012. "Current Strategies and Future Perspectives for Intraperitoneal Adhesion Prevention." *JGastrointest Surg.* 16(6): 1256–74.
- Chen *et al.* 2017. "Injectable Thermosensitive Hydrogel Containig Hyaluronic Acid and Chitosan as a Barierr for Prevention of Postoperative Peritoneal". *Carbohydrate Polymers* 173(2017) 721-731.
- Cheong, Y. C. *et al.* 2001. "Peritoneal Healing and Adhesion Formation / Reformation." *Human Reproduction Update* 7(6): 556–66.
- Elyasi, Anvar dkk. 2017. "Adhesion Prevention by Intraperitoneal Administration of Herbal Hydrogel." *Biomedical & Pharmacology* Vol. 10(1), 179-189. <http://dx.doi.org/10.13005/bpj/1096>.
- Ergul, Emre and Birol Korukluoglu. 2008. "Peritoneal Adhesion : Facing the Enemy."

- Ferferra-Harrar, Hafida, D, B. 2017. "Hydrogel Nanocomposites Based on Chitosan-Gpolyacrylamide and Silver Nanoparticles Synthesized Using *Curcuma longa* for Antibacterial Applications." *World Journal of Gastroenterology* 17(41): 4545–53.
- Franci G, Falanga A, Galdiero S, Palomba L, Rai M, Morelli G, Galdiero M. 2015. "Silver Nanoparticles as potential Antibacterial Agents." *Molecules*, 20, 8856-8874.
- Fultz, Brent and Howe, J (n.d). Fraduate texts in Physics.
- Ganzoury, *et al.* 2015. "Introduction of Fourier Transform Infrared Spectroscopy." *Renewable and Suistanable Energy Reviews* 50:1-8.
- Gilmore, C. J. 2011. "Solid State Characterization of Pharmaceuticals (X-Ray Diffraction).
- Gustasfon SB, Fulkerson P, Bildfell R, Aguilera L, Hazzard TM.. 2007. "Chitosan dressing provides hemostasis in swine femoral arterial injury model. *Pherosp Emerg Care*, 11:172-8.
- Hadrup, N. dan Lam, H. R. (2014) 'Oral toxicity of silver ions , silver nanoparticles dan colloidal silver – A review', REGULATORY TOXICOLOGY DAN PHARMACOLOGY. Elsevier Inc., 68(1), pp. 1–7. doi: 10.1016/j.yrtph.2013.11.002.
- Hariyadi. 2013. 'Freeze Drying Technology : for Better Quality and Flavour of Dried Products". FOOD REVIEW INDONESIA Vol VIII No.2.
- Heibeish A, Hashem M, Abd El-Hady MM, Sharaf S. 2013. Development of cmc hydrogels loaded with silver nano-particles for medical applications. *Carbohyd Polym* 92(2013): 407-4013.
- Hennink, W. E. & Nostrum, C. F. v. 2002. "Novel Crosslinking methods to design hydrogels." *Advance Drug Delivery Reviews*, 54 13-36
- ISO 10993-5.2009."Biological Evaluation of Medical Devices-Part 5. Tests for In Vitro Toxicity".
- Iravani, Siavash. 2011. "Green synthesis of metal nanoparticles using plants." *Green Chem*, DOI: 10.1039/c1gc15386b.
- Kamyar. 2012. "Green biosynthesis of silver nanoparticles using *Curcuma longa*

- tuber powder.” *International Journal of Nanomedicine* 2012;7 5603–5610.
- Kim *et al.* 2012. “Size-dependent cellular toxicity of silver nanoparticles”. DOI: 10.1002/jbm.a.34053
- Kho'siatun. 2016. “Biosintesis Nanopartikel Perak dengan Reduktor Ekstrak Kulit Pisang Kepok (*Musa Paradisiaca Linn.*) dan Laju Pembentukannya.” *Skripsi*. FT, Teknik Kimia, Universitas Negeri Semarang
- Kulkarni, S. K. (2015) *Nanotechnology : Principles dan Practices*. 3rd edn. Pune, India: Capital Publishing Company. doi: 10.1007/978-3-319-09171-6.
- Laudia, Tiara. 2016. “Green Sintetis nanopartikel perak menggunakan ekstrak daun zaitun dan aktifitasanti bakteri.” *Skripsi*. FKIP, Pend.Kimia, Universitas Bengkulu.
- Li, Ling *et al.* 2014. “Biodegradable and Injectable in Situ Cross-Linking Chitosan-Hyaluronic Acid Based Hydrogels for Postoperative Adhesion Prevention.” *Polym. Bull. Polym. Bull.* DOI 10.1007/s00289-017-2183-z.
- Likakos, Theodoros. 2001. “Intraperitoneal Adhesions: Etiology, Pathophysiology, and Clinical Significance.” *Dig Surg*.2001;18:260–273.
- Lim *et al.* 2013. “*Characterization of Megnetic Nanoparticle by Dynamic Light Scattering.*” Springer : Nanoscale Research Letter Vol 8 paper 381.
- Mahardika, Suhariyanto. 2013. “Isolasi dan Karakterisasi Kolagen Nanopartikel dari Kulit Ikan Cucut Bambu (*Chiloscyllium punctatum*).” *Skripsi*. FPIK, Teknologi Hasil Perairan, Institut Pertanian Bogor.
- Muliawati dan Yulianti. 2018. “UJI AKTIVITAS ANTIMIKROBA NANOPARTIKEL PERAK DARI LIMBAH PERAK HASIL PENYEPUHAN TERHADAP BAKTERI *Staphylococcus aureus* DAN FUNGI *Candida albicans*.” Yogyakarta. *Jurnal Prodi Biologi* Vol.7 No.2.
- Nappi, C., Di Spiezio, Sardo A., Greco, E., Guida, M., Bettocchi, S., Bifulco G. 2007. “Prevention of Adhesion in Gynaceological Endoscopy.” *Human Reproducty Update*, 13:379-394.
- Pearce, Evelyn C. 2006. “Anatomi dan Fisiologis untuk Paramedis.” Jakarta:Gramedia Pustaka Umum.
- Priskawati, Priskawatida Citra Ayu. 2018. “Sintesis dan Karakterisasi Hidrogel

- Berbasis Asam Hialuronat dan Kitosan untuk Aplikasi Antiadhesi Intraperitoneal.” *Skripsi*. FST, Teknik Biomedis, Universitas Airlangga.
- Sankar. 2016. “Facile synthesis of Curcuma longa tuber powder engineered metal nanoparticles for bioimaging applications”. Elsevier 0022-2860.
- Sandy, Fery Putra Tias, Roni Yuliwar dan Ngesti W. Utami. 2015. “Infeksi Luka Operasi (ILO) Pada Pasien Post Operasi Laparotomi.” *jurnal keperawatan terapan*, volume 1, no. 1.
- Sari. 2014. “SINTESIS HIDROGEL ANTIBAKTERI BERBASIS KARBOKSIMETIL SELULOSA-ASAM SUKSINAT- AgNO_3 .” *Skripsi*. Kimia, Institut Pertanian Bogor.
- Sari, Novita, Ismar dan Elda Nazriati. 2015. “Gambaran Ileus Obstruktif Pada Anak di RSUD Arifin Achmad Provinsi Riau Periode Januari 2012 – Desember 2014.” *JOM FK Volume 2 No. 2*.
- Schnrager, Beat *et al.* 2011. “Prevention of Postoperative Peritoneal Adhesions : A Review of the Literature.” *American Journal of Surgery* 201(1):111-21.
- Sahbaz, Ahmet *et al.* 2014. “Effect of Intraabdominal Administration of Allium Sativum (Garlic) Oil on Postoperative Peritoneal Adhesion.” *European Journal of Obstetrics Gynecology and Reproductive Biology* 177: 44–47.
- Song. Linjiang *et al.* 2016. “Intraperitoneal adhesion prevention with a biodegradable and injectable N,O-carboxymethyl chitosanaldehyde hyaluronic acid hydrogel in a rat repeated-injury model.” *Scientific RepoRts*. DOI: 10.1038/srep37600.
- Sorensen L T, Hemmingsen U, Kallehave F, Wille-Jorgensen P, Kjaergaard J, Moller LN *et al.* 2005. “Risk Factors for Tissue and Wound Complications in Gastrointestinal Surgery.” *Ann Surg* 241:654-8.
- Sulistiyaningsih. 2010. “Uji Kepekaan Beberapa Sediaan Antiseptik terhadap Bakteri S.aureus dan S.aureus Resisten Metisilin (MRSA).” Fakultas Farmasi Padjajaran Jatinagor.
- Sur *et al.* 2012. “S The influence of the surface chemistry of silver nanoparticles on cell death”. *Nanotechnology*. doi:10.1088/0957-4484/23/37/375102
- Snell, Richard S. 2006. "Anatomi Klinik ed. 6.". EGC : Jakarta.
- Smith, B. C. (2011) *Fundamentals of Fourier Transform Infrared Spectroscopy*.

Second. London: CRC Press Taylor & Francis Group.

- Tian, W. *et al.* 2007. "Tropical delivey of silver nanoparticles promotes wound healing." *ChemMedChem.*, 2:129-36.
- Tingstedt B, Nehez L, Lindman B, Andersson R. 2007. "Efficacy of Bio-active Polypeptides on Bleeding and Intra-abdominal Adhesions." *Eur Surg Res* 39(1):35-40.
- Tirkes, Temel *et al.* 2012. "Peritoneal and Retroperitoneal Anatomy and Its Relevance for Cross-Sectional Imaging." *RadioGraphics* 32(2):437-51.
- Wei *et al.* 2017. "Advances in Biomaterials for Preventing Tissue Adhesion". *Journal of controlled release* 261; 318-36.
- Yang, Yunlong *et al.* 2017. "A Postoperative Anti-Adhesion Barrier Based on Photoinduced Imine-Crosslink Hydrogel with Tissue-Adhesive Ability." *Acta Biomaterialia* 62:199-209.
- Yixis, Zhang; Dapeng, Y. (2010) 'Synergetic Antibacterial Effects of Silver Nanoparticles@Aloe Vera Prepared via a Green Method.', *Nano Biomed Eng.*, 2(4), pp. 252–257. doi: 10.5101/nbe.v2i4.p252-257.1.