

DAFTAR PUSTAKA

- Al-oqla, F. M., Almagableh, A., & Omari, M. A. (2017). Green Biocomposites, 45–67. <https://doi.org/10.1007/978-3-319-49382-4>
- Ardianti, A. (2012). Ari Ardianti, 2014 Uji Farmakologi Ekstrak Akar Landep (Barleria Prionitis Linn) Asal Indonesia Sebagai Antiparkinson Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu, 1–6.
- Arya, P., Singh, N., Gadi, R., Chandra, S., & Delhi, N. (2010). Journal of Chemical and Pharmaceutical Research, 2(6), 253–257.
- Banasikowski, T. J., & Beninger, R. J. (2012). Haloperidol conditioned catalepsy in rats: A possible role for D1-like receptors. *International Journal of Neuropsychopharmacology*. <https://doi.org/10.1017/S1461145711001696>
- Chatterji, P. R. (1989). Gelatin with hydrophilic/hydrophobic grafts and glutaraldehyde crosslinks. *Journal of Applied Polymer Science*, 37(8), 2203–2212. <https://doi.org/10.1002/app.1989.070370812>
- CHEN, P.-R., KANG, P.-L., SU, W.-Y., LIN, F.-H., & CHEN, M.-H. (2005). the Evaluation of Thermal Properties and in Vitro Test of Carbodiimide or Glutaraldehyde Cross-Linked Gelatin for Pc 12 Cells Culture. *Biomedical Engineering: Applications, Basis and Communications*, 17(02), 101–107. <https://doi.org/10.4015/S1016237205000160>
- Chitra, V., Manasa, K., Mythili, A., Tamilanban, T., & Gayathri, K. (2017). Effect of Hydroalcoholic Extract of Achyranthes Aspera on Haloperidol- Induced Parkinson ' S Disease in Wistar Rats, 10(9), 1–4.

<https://doi.org/10.22159/ajpcr.2017.v10i9.19285>

- Costall, B., Naylor, R. J., & Olley, J. E. (1972). The substantia nigra and stereotyped behaviour. *European Journal of Pharmacology*, 18(1), 95–106. [https://doi.org/10.1016/0014-2999\(72\)90136-7](https://doi.org/10.1016/0014-2999(72)90136-7)
- Dauer, W., & Przedborski, S. (2003). Parkinson's disease: Mechanisms and models. *Neuron*.
[https://doi.org/10.1016/S0896-6273\(03\)00568-3](https://doi.org/10.1016/S0896-6273(03)00568-3)
- De Virgilio, A., Greco, A., Fabbrini, G., Inghilleri, M., Rizzo, M. I., Gallo, A., ... de Vincentiis, M. (2016). Parkinson's disease: Autoimmunity and neuroinflammation. *Autoimmunity Reviews*, 15(10), 1005–1011.
<https://doi.org/10.1016/j.autrev.2016.07.022>
- Emenalom, O. O., & Udedibie, A. B. I. (2005). Evaluation of different heat processing methods on the nutritive value of Mucuna pruriens (velvet bean) seed meals for broilers. *International Journal of Poultry Science*.
<https://doi.org/10.3923/ijps.2005.543.548>
- Fernandez, H. H. (2012). Updates in the medical management of Parkinson disease. *Cleveland Clinic Journal of Medicine*.
<https://doi.org/10.3949/ccjm.78gr.11005>
- Ferreira, S. H., Lorenzetti, B. B., Bristow, A. F., & Poole, S. (1988). Interleukin-1 β as a potent hyperalgesic agent antagonized by a tripeptide analogue. *Nature*.
<https://doi.org/10.1038/334698a0>
- Fessenden, R. J., & Fessenden, J. S. (1998). Organic Chemistry. In *Organic Chemistry*. <https://doi.org/10.1093/sysbio/sys109>
- Foox, M., & Zilberman, M. (2015). Drug delivery from gelatin-based systems. *Expert Opinion on Drug Delivery*, 12(9), 1547–1563.
<https://doi.org/10.1517/17425247.2015.1037272>

Ari Nur Fitrianti, 2018

AKTIVITAS ANTIPARKINSON BIOKOMPOSIT GELATIN-GLUTARALDEHID EKSTRAK BIJI KARABENGUK (*Mucuna pruriens L.*) PADA MENCIT

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- Fung, S. Y., Tan, N. H., Sim, S. M., Marinello, E., Guerranti, R., & Aguiyi, J. C. (2011). Mucuna pruriens Linn. seed extract pretreatment protects against cardiorespiratory and neuromuscular depressant effects of *Naja sputatrix* (Javan spitting cobra) venom in rats. *Indian Journal of Experimental Biology*.
- Golbe, L. I. (1993). The Genetics of Parkinson's Disease. *Reviews in the Neurosciences*.
<https://doi.org/10.1515/REVNEURO.1993.4.1.1>
- Harborne, J. (1998). Phytochemical Methods A Guide to Modern Techniques of Plant Analysis, 320.
<https://doi.org/10.1017/CBO9781107415324.004>
- Jawad, M., Schoop, R., Suter, A., Klein, P., & Eccles, R. (2013). Perfil de eficacia y seguridad de Echinacea purpurea en la prevención de episodios de resfriado común: Estudio clínico aleatorizado, doble ciego y controlado con placebo. *Revista de Fitoterapia*, 13(2), 125–135. <https://doi.org/10.1002/jsfa>
- Jones, D. R., Moussaud, S., & Mclean, P. (2014). Targeting heat shock proteins to modulate α -synuclein toxicity. *Therapeutic Advances in Neurological Disorders*.
<https://doi.org/10.1177/1756285613493469>
- Katzenschlager, R., Zijlmans, J., Evans, A., Watt, H., & Lees, A. J. (2004). Olfactory function distinguishes vascular parkinsonism from Parkinson's disease. *Journal of Neurology, Neurosurgery and Psychiatry*, 75(12), 1749–1752. <https://doi.org/10.1136/jnnp.2003.035287>
- Keat, C. L., Aziz, A., Eid, A. M., & Elmarzugi, N. A. (2015). Biosynthesis of nanoparticles and silver nanoparticles. *Bioresources and Bioprocessing*, 2(1), 47.
<https://doi.org/10.1186/s40643-015-0076-2>
- Kim, J. Y., Ryu, S. B., & Park, K. D. (2018). Preparation and characterization of dual-crosslinked gelatin hydrogel via Dopa-Fe³⁺complexation and fenton reaction. *Journal of Ari Nur Fitrianti, 2018 AKTIVITAS ANTIPARKINSON BIOKOMPOSIT GELATIN-GLUTARALDEHID EKSTRAK BIJI KARABENGUK (*Mucuna pruriens L.*) PADA MENCIT*
Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- Industrial and Engineering Chemistry*, 58, 105–112.
<https://doi.org/10.1016/j.jiec.2017.09.014>
- Koppula, S., Kumar, H., More, S. V., Lim, H. W., Hong, S. M., & Choi, D. K. (2012). Recent updates in redox regulation and free radical scavenging effects by herbal products in experimental models of parkinson's disease. *Molecules*, 17(10), 11391–11420.
<https://doi.org/10.3390/molecules171011391>
- Lampariello, L., Cortelazzo, A., Guerranti, R., Sticozzi, C., & Valacchi, G. (2012). The magic velvet bean of mucuna pruriens. *Journal of Traditional and Complementary Medicine*. [https://doi.org/10.1016/S2225-4110\(16\)30119-5](https://doi.org/10.1016/S2225-4110(16)30119-5)
- Lavine, B. K., Cooper, W. T., He, Y., Hendayana, S., Han, J. H., & Tetreault, J. (1994). Solid-state¹³C NMR studies of ionic surfactants adsorbed on C-18 and C-8 silicas: Implications for micellar liquid chromatography. *Journal of Colloid And Interface Science*. <https://doi.org/10.1006/jcis.1994.1254>
- Mena, M. a, Davila, V., & Sulzer, D. (1997). Neurotrophic effects of L-DOPA in postnatal midbrain dopamine neuron/cortical astrocyte cocultures. *Journal of Neurochemistry*, 69(4), 1398–1408.
- Misra, L., & Wagner, H. (2007). Extraction of bioactive principles from Mucuna pruriens seeds. *Indian Journal of Biochemistry and Biophysics*, 44(1), 56–60.
- No Title. (2014).
- Pulikkalpura, H., Kurup, R., Mathew, P. J., & Baby, S. (2015). Levodopa in Mucuna pruriens and its degradation. *Scientific Reports*. <https://doi.org/10.1038/srep11078>
- Sandhya, S., Kr, V., & Kumar, S. (2010). Herbs Used for Brain Disorders. *Hygeia Journal for Drugs and Medicine (HYGEIA. J.D.MED)*, 2(1), 38–45.
- Ari Nur Fitrianti, 2018**
AKTIVITAS ANTIPARKINSON BIOKOMPOSIT GELATIN-GLUTARALDEHID EKSTRAK BIJI KARABENGUK (*Mucuna pruriens L*) PADA MENCIT
Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- Santoro, M., Tatara, A. M., & Mikos, A. G. (2014). Gelatin carriers for drug and cell delivery in tissue engineering. *Journal of Controlled Release*, 190, 210–218. <https://doi.org/10.1016/j.jconrel.2014.04.014>
- Sardjono, R. E. K. O., Musthapa, I., Qowiyah, A., & Rachmawati, R. (2012). Physicochemical Composition of Indonesian Velvet Bean (Mucuna Pruriens L.). *Gjrm*, 1(4), 101–108.
- Sardjono, R. E., Khoerunnisa, F., Musthapa, I., Khairunisa, D., Suganda, P. A., & Rachmawati, R. (2018). Synthesize of zinc nanoparticles using Indonesian velvet bean (Mucuna pruriens) extract and evaluate its potency in lowering catalepsy in mice. *IOP Conference Series: Materials Science and Engineering*, 299(1), 0–8. <https://doi.org/10.1088/1757-899X/299/1/012080>
- Sardjono, R. E., Musthapa, I., Sholihin, Subarnas, A., Herachandra, E., & Ardianto, F. N. (2016). Evaluation of antiparkinson's activity of indonesian velvet bean (Mucuna pruriens) extract. *ARPN Journal of Engineering and Applied Sciences*, 11(18), 10856–10861.
- Setiabudi, H. D., Jalil, A. A., & Triwahyono, S. (2012). Ir/Pt-HZSM5 for n-pentane isomerization: Effect of iridium loading on the properties and catalytic activity. *Journal of Catalysis*. <https://doi.org/10.1016/j.jcat.2012.07.012>
- Siddhuraju, P., Vijayakumari, K., & Janardhanan, K. (1996). Chemical composition and nutritional evaluation of an underexploited legume, Acacia nilotica (L.) Del. *Food Chemistry*. [https://doi.org/10.1016/0308-8146\(95\)00238-3](https://doi.org/10.1016/0308-8146(95)00238-3)
- Sivaraman, D., Ratheesh, K. S., & Muralidaran, P. (2010). Effect of Ethanolic Seed Extract of Mucuna Pruriens (L.) DC. *Var. Utilis. Animals*, 3(2), 106–113. <https://doi.org/10.5897/AJB10.259>
- Verma, S. C., Vashishth, E., Singh, R., Pant, P., & Padhi, M. M. (2014). A review on phytochemistry and pharmacological properties of Mucuna Pruriens (L.). *Ari Nur Fitrianti, 2018 AKTIVITAS ANTIPARKINSON BIOKOMPOSIT GELATIN-GLUTARALDEHID EKSTRAK BIJI KARABENGUK (Mucuna pruriens L) PADA MENCIT*
- Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- activity of parts of *Mucuna pruriens* used as an ayurvedic medicine. *World Journal of Pharmaceutical Research*, 3(5 Suppl.), 138–158.
- World Health Organization. (2013). *A global brief on Hypertension - World Health Day 2013*. World Health Organization. <https://doi.org/10.1136/bmj.1.4815.882-a>
- Xanthos, M. (2005). Polymers and Polymer Composites. In *Functional Fillers for Plastics*.
<https://doi.org/10.1002/3527605096.ch1>