

## DAFTAR PUSTAKA

- Abd El-Aziz, T. M., Shoulkamy, M. I., Hegazy, A. M., Stockand, J. D., Mahmoud, A., & Mashaly, A. M. A. (2020). Comparative study of the in vivo toxicity and pathophysiology of envenomation by three medically important Egyptian snake venoms. *Archives of Toxicology*, 94(1), 335–344. <https://doi.org/10.1007/s00204-019-02619-y>
- Adebayo, S. A., Dzoyem, J. P., Shai, L. J., & Eloff, J. N. (2015). The anti-inflammatory and antioxidant activity of 25 plant species used traditionally to treat pain in southern African. *BMC Complementary and Alternative Medicine*, 15(1), 159. <https://doi.org/10.1186/s12906-015-0669-5>
- Adrião, A. A. X., Dos Santos, A. O., De Lima, E. J. S. P., Maciel, J. B., Paz, W. H. P., Da Silva, F. M. A., Pucca, M. B., Moura-da-Silva, A. M., Monteiro, W. M., Sartim, M. A., & Koolen, H. H. F. (2022). Plant-Derived Toxin Inhibitors as Potential Candidates to Complement Antivenom Treatment in Snakebite Envenomations. *Frontiers in Immunology*, 13, 842576. <https://doi.org/10.3389/fimmu.2022.842576>
- Alya, S. N., Rochmawaty, E., Achadiyani, Bashari, M. H., & Soedjana, H. (2022). Snakebites and the Effect of Serum Anti Venom Ular (SABU) Antivenom at Dr. Hasan Sadikin General Hospital Bandung, Indonesia: An Overview Period 2015–2019. *Althea Medical Journal*, 9(1), 6–11. <https://doi.org/10.15850/amj.v9n1.2392>
- Baral, D., Chaudhary, M., Lamichhane, G., & Pokhrel, B. (2022). *Ageratum conyzoides*: A Potential Source for Medicinal and Agricultural Products. *Turkish Journal of Agriculture - Food Science and Technology*, 10(12), 2307–2313. <https://doi.org/10.24925/turjaf.v10i12.2307-2313.5146>
- Berling, I., Brown, S. G. A., Miteff, F., Levi, C., & Isbister, G. K. (2015). Intracranial haemorrhages associated with venom induced consumption coagulopathy in Australian snakebites (ASP-21). *Toxicon*, 102, 8–13. <https://doi.org/10.1016/j.toxicon.2015.05.012>
- Bittenbinder, M.A., Van Thiel, J., Cardoso, F.C., Casewell, N.R., Gutiérrez, J.-M., Kool, J., Vonk, F.J., (2024). Tissue damaging toxins in snake venoms: mechanisms of action, pathophysiology and treatment strategies. *Communications Biology*, 7, 358. <https://doi.org/10.1038/s42003-024-06019-6>
- Chahal, R., Nanda, A., Akkol, E. K., Sobarzo-Sánchez, E., Arya, A., Kaushik, D., Dutt, R., Bhardwaj, R., Rahman, Md. H., & Mittal, V. (2021). *Ageratum conyzoides* L. and Its Secondary Metabolites in the Management of Different Fungal Pathogens. *Molecules*, 26(10), 2933. <https://doi.org/10.3390/molecules26102933>
- Coriolano De Oliveira, E., Alves Soares Cruz, R., De Mello Amorim, N., Guerra Santos, M., Carlos Simas Pereira Junior, L., Flores Sanchez, E., Pinho Fernandes, C., Garrett, R., Machado Rocha, L., & Lopes Fuly, A. (2016). Protective Effect of the Plant Extracts of *Erythroxylum* sp. Against Toxic

Effects Induced by the Venom of *Lachesis muta* Snake. *Molecules*, 21(10), 1350. <https://doi.org/10.3390/molecules21101350>

Fisher, G. J., Varani, J., & Voorhees, J. J. (2008). Looking Older: Fibroblast Collapse and Therapeutic Implications. *Archives of Dermatology*, 144(5). <https://doi.org/10.1001/archderm.144.5.666>

Gibson-Corley, K.N., Olivier, A.K., Meyerholz, D.K., (2013). Principles for Valid Histopathologic Scoring in Research. *Veterinary Pathology* 50, 1007–1015. <https://doi.org/10.1177/0300985813485099>

Gurina, T. S., & Simms, L. (2023). Histology, Staining. In *StatPearls*. StatPearls Publishing.

Gutiérrez, J., Escalante, T., Rucavado, A., Herrera, C. (2016). Hemorrhage Caused by Snake Venom Metalloproteinases: A Journey of Discovery and Understanding. *Toxins* 8, 93. <https://doi.org/10.3390/toxins8040093>

Gutiérrez, J. M., Albulescu, L.-O., Clare, R. H., Casewell, N. R., Abd El-Aziz, T. M., Escalante, T., & Rucavado, A. (2021). The Search for Natural and Synthetic Inhibitors That Would Complement Antivenoms as Therapeutics for Snakebite Envenoming. *Toxins*, 13(7), 451. <https://doi.org/10.3390/toxins13070451>

Haidar, I. K. A., Chowdhury, M. A. W., Miah, M., Hasan, M., Sohan, M. S. R., Noman, M., Rahman, Md. M., Auawal, A., Rudra, S., Islam, Md. R., Uddin, Md. A., Sayeed, A. A., Ghose, A., Islam, M. M., & Reza, M. A. (2024). Toxins profiles, toxicological properties, and histological alteration potentiality of *Trimeresurus erythrurus* venom: In vitro and in vivo experiments. *Journal of King Saud University - Science*, 36(5), 103150. <https://doi.org/10.1016/j.jksus.2024.103150>

Isbister, G. K., Maduwage, K., Scorgie, F. E., Shahmy, S., Mohamed, F., Abeysinghe, C., Karunathilake, H., O’Leary, M. A., Gnanathanan, C. A., & Lincz, L. F. (2015). Venom Concentrations and Clotting Factor Levels in a Prospective Cohort of Russell’s Viper Bites with Coagulopathy. *PLOS Neglected Tropical Diseases*, 9(8), e0003968. <https://doi.org/10.1371/journal.pntd.0003968>

Johnson, A.B., & Burns, B. (2023). Hemorrhage. Treasure Island (FL): StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK542273/>

Jones, B. K., Saviola, A. J., Reilly, S. B., Stubbs, A. L., Arida, E., Iskandar, D. T., McGuire, J. A., Yates, J. R., & Mackessy, S. P. (2019). Venom Composition in a Phenotypically Variable Pit Viper (*Trimeresurus insularis*) across the Lesser Sunda Archipelago. *Journal of Proteome Research*, 18(5), 2206–2220. <https://doi.org/10.1021/acs.jproteome.9b00077>

Kandiwa, E., Mushonga, B., Samkange, A., & Fabiano, E. (2018). Quantitative Characterization of the Hemorrhagic, Necrotic, Coagulation-Altering Properties and Edema-Forming Effects of Zebra Snake (*Naja nigricincta*)

*nigricincta*) Venom. *Journal of Toxicology*, 2018, 1–8.  
<https://doi.org/10.1155/2018/6940798>

Kemenkes RI. (2023). *Buku Pedoman Penanganan Gigitan, Sengatan Hewan Berbisa, dan Keracunan Tumbuhan dan Jamur*. Jakarta.

Khan, A. V., Ahmed, Q. U., Khan, M. W., & Khan, A. A. (2014). Herbal cure for poisons and poisonous bites from Western Uttar Pradesh, India. *Asian Pacific Journal of Tropical Disease*, 4, S116–S120.  
[https://doi.org/10.1016/S2222-1808\(14\)60425-4](https://doi.org/10.1016/S2222-1808(14)60425-4)

Khourcha, S., Hilal, I., Elbejjaj, I., Karkouri, M., Safi, A., Hmyene, A., Oukkache, N., (2023). Assessing the Efficacy of Monovalent and Commercialized Antivenoms for Neutralizing Moroccan Cobra *Naja haje* Venom: A Comparative Study. *Tropical Medicine and Infectious Disease* 8, 304.  
<https://doi.org/10.3390/tropicalmed8060304>

Kotta, J. C., Lestari, A. B. S., Candrasari, D. S., & Hariono, M. (2020). Medicinal Effect, In Silico Bioactivity Prediction, and Pharmaceutical Formulation of *Ageratum conyzoides* L.: A Review. *Scientifica*, 2020, 1–12.  
<https://doi.org/10.1155/2020/6420909>

Kümper, M., Steinkamp, J., & Zigrino, P. (2022). Metalloproteinases in dermal homeostasis. *American Journal of Physiology-Cell Physiology*, 323(4), C1290–C1303. <https://doi.org/10.1152/ajpcell.00450.2021>

Lee, K., Lee, S. H., & Kim, T. H. (2020). The Biology of Prostaglandins and Their Role as a Target for Allergic Airway Disease Therapy. *International Journal of Molecular Sciences*, 1851(21).

Liu, M., Lu, F., & Feng, J. (2024). Aging and homeostasis of the hypodermis in the age-related deterioration of skin function. *Cell Death & Disease*, 15(6), 443.  
<https://doi.org/10.1038/s41419-024-06818-z>

Machaliński, B., Oszutowska-Mazurek, D., Mazurek, P., Parafiniuk, M., Szumilas, P., Zawislak, A., Zaremba, M., Steciewicz, I., Zawodny, P., & Wiszniewska, B. (2024). Assessment of Extracellular Matrix Fibrous Elements in Male Dermal Aging: A Ten-Year Follow-Up Preliminary Case Study. *Biology*, 13(8), 636. <https://doi.org/10.3390/biology13080636>

Maduwage, K., & Isbister, G. K. (2014). Current Treatment for Venom-Induced Consumption Coagulopathy Resulting from Snakebite. *PLoS Neglected Tropical Diseases*, 8(10), e3220.  
<https://doi.org/10.1371/journal.pntd.0003220>

Melli, P.W., Fikriyanti, Halimuddin. (2022). Pengetahuan Perawat Tentang Penanganan Kegawatdaruratangigitan Ular (Snake Bite). *Jurnal Ilmiah Mahasiswa Keperawatan*, 5(3), 199-203.

Napрила, Z. H., & Prasetyo, D. (2022). Profil titer antibodi newcastle disease dan patologi anatomi ayam layer di peternakan ayam perseorangan, Kambingan, Malang, Jawa Timur. *ARSHI Veterinary Letters*, 6(3), 51–52.  
<https://doi.org/10.29244/avl.6.3.51-52>

- Neubauer, K., & Zieger, B. (2022). Endothelial cells and coagulation. *Cell and Tissue Research*, 387(3), 391–398. <https://doi.org/10.1007/s00441-021-03471-2>
- Odin, E., Olukoju, O., Adaji, M., Musa, F., Anene, J., (2023). Evaluation of anti-snake venom activity of ethanolic leaf extract of *Euphorbia hirta*, *Ageratum conyzoides* and *Anogeisus leiocarpus* on West African Carpet Viper (*Echis ocellatus*) in envenomed Sprague Dawley rats. *Issues in Biological Sciences and Pharmaceutical Research*, 11(2), 30-43. <https://doi.org/10.15739/ibspr.23.004>
- Olaoba, O. T., Karina Dos Santos, P., Selistre-de-Araujo, H. S., & Ferreira De Souza, D. H. (2020). Snake Venom Metalloproteinases (SVMPs): A structure-function update. *Toxicon*: X, 7, 100052. <https://doi.org/10.1016/j.toxcx.2020.100052>
- Oliveira, J.S., Sant'Anna, L.B., Oliveira Junior, M.C., Souza, P.R.M., Andrade Souza, A.S., Ribeiro, W., Vieira, R.P., Hyslop, S., Cogo, J.C., (2017). Local and hematological alterations induced by *Philodryas olfersii* snake venom in mice. *Toxicon* 132, 9–17. <https://doi.org/10.1016/j.toxicon.2017.03.013>
- Păcularu-Burada, B., Cîrîc, A.-I., & Begea, M. (2024). Anti-Aging Effects of Flavonoids from Plant Extracts. *Foods*, 13(15), 2441. <https://doi.org/10.3390/foods13152441>
- Putri, R. R. R. F., Ulfa, E. U., & Riyanti, R. (2014). Uji Aktivitas Antiplatelet Ekstrak Etanol Kubis Merah (*Brassica oleracea* var. *Capitata* L.) Antiplatelets activity of red cabbage ethanolic extract (*Brassica oleracea* var. *Capitata* L.). *Pustaka Kesehatan*, 2(1), 111–114.
- Rathee, Y. S., Purkayastha, J., Lalremsanga, H. T., Dalal, S., Biakzuala, L., Muansanga, L., & Mirza, Z. A. (2022). A new cryptic species of green pit viper of the genus *Trimeresurus* Lacépède, 1804 (Serpentes, Viperidae) from northeast India. *PLOS ONE*, 17(5), e0268402. <https://doi.org/10.1371/journal.pone.0268402>
- Rosario, A., Howell, A., Bhattacharya, S.K. (2022). A revisit to staining reagents for neuronal tissues. *Annals of Eye Science* 7, 6–6. <https://doi.org/10.21037/aes-21-31>
- Rudresha, G.V., Urs, A.P., Manjuprasanna, V.N., Milan Gowda, M.D., Jayachandra, K., Rajaiah, R., Vishwanath, B.S. (2021). *Echis carinatus* snake venom metalloprotease-induced toxicities in mice: Therapeutic intervention by a repurposed drug, Tetraethyl thiuram disulfide (Disulfiram). *PLoS Neglected Tropical Diseases* 15, e0008596. <https://doi.org/10.1371/journal.pntd.0008596>
- Sathish, K., Shaha, K. K., Patra, A. P., & Rekha, J. S. (2021). Histopathological profile of fatal snake bite autopsy cases in a tertiary care center in South India. *Egyptian Journal of Forensic Sciences*, 11(1), 3. <https://doi.org/10.1186/s41935-021-00218-6>

- Silva, A., Kuruppu, S., Othman, I., Goode, R. J. A., Hodgson, W. C., & Isbister, G. K. (2017). Neurotoxicity in Sri Lankan Russell's Viper (*Daboia russelii*) Envenoming is Primarily due to U1-viperitoxin-Dr1a, a Pre-Synaptic Neurotoxin. *Neurotoxicity Research*, 31(1), 11–19. <https://doi.org/10.1007/s12640-016-9650-4>
- Simangunsong, D. K., Habib, H., & Simbolon, E. (2024). Pemberian SABU (Serum Anti-Bisa Ular) untuk Kasus Gigitan Ular Awitan Lama dengan Komplikasi Disseminated Intravascular Coagulation (DIC). *Cermin Dunia Kedokteran*, 51(3), Article 3. <https://doi.org/10.55175/cdk.v51i3.941>.
- Simarmata, Y. T. R. M. R., Tophianong, T. C., Amalo, F. A., Nitbani, H., & Lenda, V. (2020). GAMBARAN PATOLOGI ANATOMI PADA BABI LANDRACE SUSPECT AFRICAN SWINE FEVER (ASF) DI KABUPATEN KUPANG. *JURNAL KAJIAN VETERINER*, 8(2), 136–146. <https://doi.org/10.35508/jkv.v8i2.3074>
- Slagboom, J., Kool, J., Harrison, R.A., Casewell, N.R. (2017). Haemotoxic snake venoms: their functional activity, impact on snakebite victims and pharmaceutical promise. *british journal of haematology* 177, 947–959. <https://doi.org/10.1111/bjh.14591>
- Tseng, L. J., Matsuyama, A., & MacDonald-Dickinson, V. (2023). Histology: The gold standard for diagnosis?. *The Canadian veterinary journal = La revue veterinaire canadienne*, 64(4), 389–391.
- Vélez-Gavilán, J. (2016). *Ageratum conyzoides* (billy goat weed) (p. 3572) [Dataset]. <https://doi.org/10.1079/cabicompendium.3572>
- Vigil De Mello, S. V. G., Da Rosa, J. S., Facchin, B. M., Luz, A. B. G., Vicente, G., Faqueti, L. G., Rosa, D. W., Biavatti, M. W., & Fröde, T. S. (2016). Beneficial effect of *Ageratum conyzoides* Linn (Asteraceae) upon inflammatory response induced by carrageenan into the mice pleural cavity. *Journal of Ethnopharmacology*, 194, 337–347. <https://doi.org/10.1016/j.jep.2016.09.003>
- Xu, Z., Ji, R., Zha, X., Zhao, H., & Zhou, S. (2023). The aqueous extracts of *Ageratum conyzoides* inhibit inflammation by suppressing NLRP3 inflammasome activation. *Journal of Ethnopharmacology*, 309, 116353. <https://doi.org/10.1016/j.jep.2023.116353>
- Warsinah W, W., & Baroroh, H. N. (2020). Pharmacognostic Profile of *Ageratum conyzoides* L Plant and Simplicia. *Pharmacognosy Journal*, 12(5), 1072–1076. <https://doi.org/10.5530/pj.2020.12.151>
- WHO. (2016). *Guidelines for the Management of Snakebites Second Edition*. New Delhi: World Health Organization.