

DAFTAR PUSTAKA

- Ali, S. I., & Venkatesalu, V. (2022). Botany, traditional uses, phytochemistry and pharmacological properties of *Saussurea costus* – An endangered plant from Himalaya- A review. *Phytochemistry Letters*, 47(December 2021), 140–155. <https://doi.org/10.1016/j.phytol.2021.12.008>
- Altman, R., Bosch, B., Kay Brune, •, Patrignani, P., & Young, C. (n.d.). Advances in NSAID Development: Evolution of Diclofenac Products Using Pharmaceutical Technology. *Drugs*, 75. <https://doi.org/10.1007/s40265-015-0392-z>
- Cong, H. H., Khaziakhmetova, V. N., & Zigashina, L. E. (2015). Rat paw oedema modeling and NSAIDs: Timing of effects. *The International Journal of Risk & Safety in Medicine*, 27 Suppl 1(s1), S76–S77. <https://doi.org/10.3233/JRS-150697>
- Cox-Georgian, D., Ramadoss, N., Dona, C., & Basu, C. (2019). Therapeutic and Medicinal Uses of Terpenes. *Medicinal Plants*, 333. https://doi.org/10.1007/978-3-030-31269-5_15
- Dahlan, M. S. (2014). *Statistik untuk Kedokteran dan Kesehatan* (6th ed.). Epidemiologi Indonesia.
- Departemen Kesehatan RI. (2000). *Parameter Standar Umum Ekstrak Tumbuhan Obat*.
- Farha, R. (2022). *Uji Aktivitas Antiinflamasi Ekstrak Etanol 70% Sediaan Serbuk Akar Qusthul Hindi (Saussurea costus (Falc.) Lipsch) pada Tikus Jantan Galur Sprague Dawley yang diinduksi Karagenan*.
- Frohlich, J. (2020). Rats and Mice. *Ferrets, Rabbits, and Rodents*, 345. <https://doi.org/10.1016/B978-0-323-48435-0.00025-3>
- G. Katzung, B., & J. Trevor, A. (2014). *Basic & Clinical Pharmacology 13th Edition* (13th ed.). McGraw Hill.
- ITIS. (2021). ITIS - Report: *Saussurea costus*. *Integrated Taxonomic Information System*. https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=780691#null
- Jubayer, F., Kayshar, S., & Mazumder, A. R. (2020). A review on five medicinal plants considering the therapeutic potentials in the management of COVID-19. *OSF Preprints*. <https://doi.org/10.31219/osf.io/ekf8n>

- Kumar, V., Abbas, A. K., & Aster, J. C. (2014a). Inflammation and Repair. In *Robbins & Cotran Pathologic Basis of Disease* (9th Edition, p. 1408). Elsevier. <https://www.ptonline.com/articles/how-to-get-better-mfi-results>
- Kumar, V., Abbas, A. K., & Aster, J. C. (2014b). Robbins & Cotran Pathologic Basis of Disease. In *Robbins & Cotran Pathologic Basis of Disease* (9th Edition, p. 1408). Elsevier. <https://www.ptonline.com/articles/how-to-get-better-mfi-results>
- L. Brunton, L., A. Chabner, B., & C. Knollmann, B. (2017). *Goodman & Gilman's: The Pharmacological Basis of Therapeutics 13th Edition* (13th ed.). McGraw Hill.
- Li, N., Nam, H.-H., & Choo, B.-K. (2020). Costunolide inhibits inflammation in LPS-induced RAW264.7 cells and ameliorates gastric acid reflux-induced esophageal injury in rat model. *Appl Biol Chem*, 63, 33. <https://doi.org/10.1186/s13765-020-00514-0>
- Maciel, T. T., Merle, E., Fricot, A., Monteiro, R., Moura, I. C., Seleznik, G., Seeger, H., Papandile, A., Fu, K., Poreci, U., Czernowicz, J., Rabah, D., Ranger, A., Cohen, C. D., Lindenmeyer, M., Chen, J., Edenhofer, I., Anders, H.-J., Lech, M., ... Knudsen, B. (2022). Pathology, Inflammation. *Nephrology Dialysis Transplantation*, 29(suppl 3), iii25–iii26. <https://doi.org/10.1093/ndt/gfu119>
- Mammate, N., Ezzahra El Oumari, F., Imtara, H., Belchkar, S., Touimi, G. B., Al-Zharani, M., Rudayni, H. A., Qurtam, A. A., Aleissa, M. S., Nasr, F. A., Noman, O. M., & Houssaini, T. S. (2023). *molecules Anti-Struvite, Antimicrobial, and Anti-Inflammatory Activities of Aqueous and Ethanolic Extracts of Saussurea costus (Falc) Lipsch Asteraceae*. <https://doi.org/10.3390/molecules28020667>
- Masyita, A., Mustika Sari, R., Dwi Astuti, A., Yasir, B., Rahma Rumata, N., Emran, T. Bin, Nainu, F., & Simal-Gandara, J. (2022). Terpenes and terpenoids as main bioactive compounds of essential oils, their roles in human health and potential application as natural food preservatives. *Food Chemistry: X*, 13. <https://doi.org/10.1016/J.FOCHX.2022.100217>
- Myers, M. J., Deaver, C. M., & Lewandowski, A. J. (2019). Molecular mechanism of action responsible for carrageenan-induced inflammatory response. *Molecular Immunology*, 109, 38–42. <https://doi.org/10.1016/J.MOLIMM.2019.02.020>
- Necas, J., & Bartosikova, L. (2013). Carrageenan: A review. *Veterinarni Medicina*, 58(4), 187–205. <https://doi.org/10.17221/6758-VETMED>
- Nile, S. H., & Park, S. W. (2013). Optimized methods for in vitro and in vivo anti-

inflammatory assays and its applications in herbal and synthetic drug analysis. *Mini Reviews in Medicinal Chemistry*, 13(1), 95–100. <https://doi.org/10.2174/138955713804484712>

Pandurangan, A., Kaur, A., Kumar, M., Kaushik, V., & Arunachalam, G. (2019). *Evaluation of Anti-inflammatory Activity of Bryophyllum calycinum (Crassulaceae) on Acute and Chronic Inflammation Models.*

Patil, K. R., Mahajan, U. B., Unger, B. S., Goyal, S. N., Belemkar, S., Surana, S. J., Ojha, S., & Patil, C. R. (2019). Animal Models of Inflammation for Screening of Anti-inflammatory Drugs: Implications for the Discovery and Development of Phytopharmaceuticals. *International Journal of Molecular Sciences* 2019, Vol. 20, Page 4367, 20(18), 4367. <https://doi.org/10.3390/IJMS20184367>

Rahman, S., & Jahan, N. (2021). Anti-inflammatory activity of crude and detoxified leaves of Daphne oleoides Schreb. on carrageenan-induced paw edema in wistar rats. *Journal of Ayurveda and Integrative Medicine*, 12(3), 500. <https://doi.org/10.1016/J.JAIM.2021.04.016>

Rubin, E., S. Strayer, D., & Jeffrey, E. S. (2019). *Rubin's Pathology: Mechanism of Human Disease 8th Edition* (8th Editio). Lippincott Williams & Wilkins (LWW).

Shetty, B. S. P., Chaya, S. K., Sravan Kumar, V., Mahendra, M., Jayaraj, B. S., Lokesh, K. S., Ganguly, K., & Mahesh, P. A. (2021). Inflammatory Biomarkers Interleukin 1 Beta (IL-1 β) and Tumour Necrosis Factor Alpha (TNF- α) Are Differentially Elevated in Tobacco Smoke Associated COPD and Biomass Smoke Associated COPD. *Toxics* 2021, Vol. 9, Page 72, 9(4), 72. <https://doi.org/10.3390/TOXICS9040072>

Stevani, H. (2016). *Praktikum Farmakologi*. December 2016.

Tag, H. M., Khaled, H. E., Ismail, H. A. A., & El-Shenawy, N. S. (2016). Evaluation of anti-inflammatory potential of the ethanolic extract of the Saussurea lappa root (costus) on adjuvant-induced monoarthritis in rats. *Journal of Basic and Clinical Physiology and Pharmacology*, 27(1), 71–78. <https://doi.org/10.1515/jbcpp-2015-0044>

Whiteley, P. E., & Dalrymple, S. A. (1998). Models of Inflammation: Carrageenan-Induced Paw Edema in the Rat. *Current Protocols in Pharmacology*, 00(1), 5.4.1-5.4.3. <https://doi.org/10.1002/0471141755.PH0504S00>

- Zahara, K., Tabassum, S., Sabir, S., Arshad, M., Qureshi, R., Amjad, M. S., & Chaudhari, S. K. (2014). A review of therapeutic potential of *Saussurea lappa*-An endangered plant from Himalaya. *Asian Pacific Journal of Tropical Medicine*, 7(S1), S60–S69. [https://doi.org/10.1016/S1995-7645\(14\)60204-2](https://doi.org/10.1016/S1995-7645(14)60204-2)
- Załuski, M., Ła, D., Brockmann, A., Latacz, G., Zygmunt, M., Kaleta, M., Greser, B. A., Jastrz, M., & Olejarz-maciej, A. (2023). *Anti-Inflammatory Activities of 8-Benzylaminoxanthines Showing High Adenosine A 2A and Dual A 1 / A 2A Receptor Affinity.*