



## DAFTAR PUSTAKA

- Al-Harbia, N. O., Nadeem, A. Ahmad, S. F., Bakheet S. A., El-Sherbeeny, A. M., Ibrahim, K. E., Alzahrani, K. S., Al-Harbi, M. M., Mahmood, H. M., Alqahtani, F., Attia, S. M., Alotaibi, M. R. (2020). Therapeutic Treatment with Ibrutinib Attenuates Imiquimod-Induced Psoriasis-Like Inflammation in Mice Through Downregulation of Oxidative and Inflammatory Mediators in Neutrophils and Dendritic Cell. *European Journal of Pharmacology*, 877, 1-10.
- Banks, W. J. (1993). *Applied Veterinary Histology* (3 ed.). Texas: Saint Louis.
- Brune, K., Patrignani, P. (2015). New Insights into The Use of Currently Available Non-Steroidal Anti-Inflammatory Drugs. *Journal of Pain Research*, 5(8), 105-118.
- Bryda, E.C. (2013). The Mighty Mouse: the impact of rodents on advances in biomedical research. *Missouri medicine*, 110(3), 207.
- Carvalho, N. S., Lemes, J. B. P., Pagliusi Jr, M., Machado, A. C. D. S., Malange, K. F., Pral, L. P., Fachi, J. L., Nishijima, C. M., Santos, G. G. D., Tambeli, C.H., Sartori, C. R., Vinolo, M. A. R., Parada, C. A. (2022). Neutrophil-Derived COX-2 has a Key Role during Inflammatory Hyperalgesia. *Inflammation*, 45, 2280–2293.
- Chou, T. C. (2003). Anti-Inflammatory and Analgesic Effects of Paeonol in Carrageenan-Evoked Thermal Hyperalgesia. *British Journal of Pharmacology*, 139(6), 1146-1152.
- Costa, D. L., Amaral, E. P., Andrade, B. B., Sher, A. (2020). Modulation of Inflammation and Immune Responses by Heme Oxygenase-1: Implications for Infection with Intracellular Pathogens. *Antioxidants*, 9, 1-30.
- Fails, A. D., and Magee, C. (2018). *Eight Edition Anatomy and Physiology of Farm Animals*. USA: Wiley Blackwell.
- Fehrenbacher, J. C., Vasko, M. R., Duarte, D. B. (2012). Models of Inflammation: Carrageenan- or Complete Freund's Adjuvant-Induced Edema and Hypersensitivity in the Rat. *Curr Protoc Pharmacol*, 1-11.
- Hwang, P. A. , Hung, Y. L., Chien, S. Y. (2015). Inhibitory Activity of Sargassum Hemiphyllum Sulfated Polysaccharide in Arachidonic Acid Induced Animal Models of Inflammation. *Journal of Food and Drug Analysis*, 23, 49-56.
- Kabiraj, A., Gupta, J., Khaitan, T., Bhattacharya, P. T. (2015). Review Article of Principle and Techniques of Immunohistochemistry. *International Journal of Biological and Medical Research*, 6(3), 5204-5210.
- Khedir, S. M., Mzid, M., Bardaa, S., Moalla, D. (2016). Research Article: In Vivo Evaluation of the Anti-Inflammatory Effect of Pistacia lentiscus Fruit Oil



and Its Effects on Oxidative Stress. *Evidence-Based Complementary and Alternative Medicine*, 1-12.

Kumar, V., Aster, J. C., Abbas, A. K. . (2019). *Buku Ajar Patologi Robbins*. Singapore: Elsevier Health Sciences.

Liu, L., Chen, X., Lu, Y., Sun, X. Y., Ze, K., Zhou, Y. Q., Li, W., Li, X., Li, H. J., Li, B. (2022). Celastrol Gel Ameliorates Imiquimod-Induced Psoriasis-Like Dermatitis in Mice By Targeting Langerhans Cells. *Biomedicine and Pharmacotherapy*, 147, 1-13.

Mizutani, T., Sumida, H., Sagawa, Y., Okano, Y., Masaki, H. (2016). Carbonylated Proteins Exposed to UVA and to Blue Light Generate Reactive Oxygen Species Through A Type I Photosensitizing Reaction. *Journal of Dermatological Science*, 84, 314–321.

Moektiwardoyo, M., Iskandar, Y., Susilawati, Y., Musfiyah, I., Sumiwi, S. A., Levita, J., dan Abdassah, M. (2019). *Jawer Kotok, Plectranthus Scutellarioides, dari Etnofarmasi Menjadi Sediaan Fitofarmasi*. Sleman: Deepublish.

Moelyono, M. W. (2016). *Farmasi Bahari*. Yogyakarta: Deepublish.

Necas, J., and Bartosikova, L. (2013). Carrageenan: A Review. *Veterinarni Medicina*, 58, 187-205.

Posadas, I., Bucci, M., Roviezzo, F., Rossi, A., Parente, L., Sautebin, L., Cirino, G. (2004). Carrageenan-Induced Mouse Paw Oedema is Biphasic, Age-Weight Dependent and Displays Differential Nitric Oxide Cyclooxygenase-2 Expression. *British Journal of Pharmacology*, 142, 331–338.

Prasetya, R. C. (2015). Ekspresi dan Peran Sikloksigenase-2 dalam Berbagai Penyakit di Rongga Mulut. *Stomatognatic*, 12(1), 16-19.

Pusporini, R. d. (2020). *Mengenal Pereda Nyeri dalam Kedokteran Gigi*. Malang: UB Press.

Safitri, A., dan Roosdiana, A. (2020). *Biokimia Bahan Alam: Analisis dan Fungsi*. Malang: Media Nusa Creative.

Sangaraju, R., Alavalapati, S., Nalbandian, N., Jerald, M. K., Sistla, R. (2021). Galangin Ameliorates Imiquimod-Induced Psoriasis-Like Skin Inflammation in BALB/C Mice Via Down Regulating NF-KB And Activation Of Nrf2 Signaling Pathways. *International Immunopharmacology*, 96, 1-14.

Senchenkova, E., Granger, D. N. . (2010). *Inflammation and the Microcirculation*. United States: Biota Publishing.

Seo, S. H., Jeong, G. S. (2015). Fisetin Inhibits TNF-A-Induced Inflammatory Action and Hydrogen Peroxide-Induced Oxidative Damage in Human Keratinocyte HaCat Cells Through PI3K/AKT/Nrf-2-Mediated Heme



- Oxygenase-1 Expression. *International Immunopharmacology*, 29, 246–253.
- Sharma, J. N., Samud, A. M., Asmawi, M. Z. (2004). Comparison between Plethysmometer and Micrometer Methods to Measure Acute Paw Oedema for Screening Anti-Inflammatory Activity in Mice. *Inflammopharmacology*, 12(1), 89-94.
- Silva, F.R.F., Dore, C. M. P. G., Marques, C. T., Nascimento, M. S., Benevides, N. M. B., Rocha, H. A. O., Chavante, S. F., Leite, E. L. (2010). Anticoagulant Activity, Paw Edema and Pleurisy Induced Carrageenan: Action of Major Types of Commercial Carrageenans. *Carbohydrate Polymers*, 79, 26–33.
- Sun, Y., Zhang, J., Huo, R., Zhai, T., Li, H., Wu, P., Zhu, X., Shen, B., Li, N. (2015). Paeoniflorin Inhibits Skin Lesions in Imiquimod-Induced Psoriasis-Like Mice by Downregulating Inflammation. *International Immunopharmacology*, 24, 392-399.
- Szekalska, M., Sosnowska, K., Tomczykowa, M., Winnicka, I., Kasacka, I., Tomczyk, M. (2020). In Vivo Anti-Inflammatory and Anti-Allergic Activities of Cynaroside Evaluated by Using Hydrogel Formulations. *Biomedicine and Pharmacotherapy*, 121, 2-13.
- Thanh, T. T. T., Yuguchi, Y., Mimura, M., Yasunaga, H., Takano, R., Urakawa, H., Kajiwara, K. (2002). Molecular Characteristics and Gelling Properties of the Carrageenan Family, 1 Preparation of Novel Carrageenans and Their Dilute Solution Properties. *Macromolecular Chemistry and Physics*, 203(1), 15-23.
- Vysakh, A., Jayesh, K., Helen, L. R., Jyothis, M., Latha, M. S. (2020). Acute Oral Toxicity and Anti-Inflammatory Evaluation of Methanolic Extract of Rotula Aquatica Roots in Wistar Rats. *Journal of Ayurveda and Integrative Medicine*, 11, 45-52.
- Wei, W., Feng, W., Xin, G., Tingting, N., Zhanghe, Z., Haimin, C., Xiaojun, Y. (2016). Enhanced Effect of K-Carrageenan on TNBS-Induced Inflammation in Mice. *International Immunopharmacology*, 39, 218-228.
- Widyarini, S., Kristianingrum, Y. P., Kurniasih, Sutrisno, B., (2020). *Pembuatan Model Inflamasi Topikal pada Kulit Mencit dengan Karagenin*. Yogyakarta: UGM.
- Widyarini, S., Spinks, N., Husband, A. J., and Reeve, V. E. (2001). Isoflavonoid Compounds from Red Clover (*Trifolium pratense*) Protect from Inflammation and Immune Suppression Induced by UV Radiation. *Photochemistry and Photobiology*, 74(3), 465–470.
- Winyard, P. G., and Willoughby, D. A. (2003). *Inflammation Protocols*. Totowa: Humana Press.



Yermaka, I. M., Barabanovaa, A. O., Aminina, D. L., Davydovaa, V. N., Sokolovaa, E. V., Solov'evaa, T. F., Kimb, Y. W., Shin, K. S. (2012).

Effects of Structural Peculiarities of Carrageenans on Their Immunomodulatory and Anticoagulant Activities. *Carbohydrate Polymers*, 87, 713–720.

Zhou, W., Hu, M., Zhang, X., Liu, Q., Du, J., Hu, J., Zhang, L., Du, Z., Xiang, Z. (2020). Luteolin Attenuates Imiquimod-Induced Psoriasis-Like Skin Lesions in BALB/ C Mice Via Suppression of Inflammation Response. *Biomedicine and Pharmacotherapy*, 131, 1-11.