

DAFTAR PUSTAKA

- Al-Suede, F.S.R., Khadeer Ahamed, M.B., Abdul Majid, A.S., Baharetha, H.M., Hassan, L.E.A., Kadir, M.O.A., Nassar, Z.D., Abdul Majid, A.M.S., 2014. Optimization of cat's whiskers tea (*orthosiphon stamineus*) using supercritical carbon dioxide and selective chemotherapeutic potential against prostate cancer cells. *Evidence-based Complement. Altern. Med.* 2014. <https://doi.org/10.1155/2014/396016>
- Alatas, H., 2021. Penatalaksanaan Hiperurisemia Pada Penyakit Ginjal Kronik (CKD). *Herb-Medicine J.* 4, 1. <https://doi.org/10.30595/hmj.v4i1.5805>
- Baudoux, T., Nortier, J.L., 2017. Toxicology of herbal products, *Toxicology of Herbal Products*. <https://doi.org/10.1007/978-3-319-43806-1>
- Brown, D.L., 2017. Practical Stereology Applications for the Pathologist. *Vet. Pathol.* 54, 358–368. <https://doi.org/10.1177/0300985817695781>
- Chen, J., Li, Q., Ye, Y., Ran, M., Ruan, Z., Jin, N., 2020. Inhibition of xanthine oxidase by theaflavin: Possible mechanism for anti-hyperuricaemia effect in mice. *Process Biochem.* 97, 11–18. <https://doi.org/10.1016/j.procbio.2020.06.024>
- Chen, Y., Li, C., Duan, S., Yuan, X., Liang, J., Hou, S., 2019. Curcumin attenuates potassium oxonate-induced hyperuricemia and kidney inflammation in mice. *Biomed. Pharmacother.* 118, 109195. <https://doi.org/10.1016/j.biopha.2019.109195>
- D.A. Peterson, 2010. Steroloy. *Encycl. Mov. Disord.*
- Dewi, R.S., 2019. Penggunaan Obat Tradisional Oleh Masyarakat di Kelurahan Tuah Karya Kota Pekanbaru. *J. Penelit. Farm. Indones.* 8, 41–45. <https://doi.org/10.51887/jpfi.v8i1.781>
- El Ridi, R., Tallima, H., 2017. Physiological functions and pathogenic potential of uric acid: A review. *J. Adv. Res.* 8, 487–493. <https://doi.org/10.1016/j.jare.2017.03.003>
- Faiq, M.A., Achmad, B., Partadiredja, G., 2017. Implementation of unbiased stereology method for organ volume estimation using image processing. *Int. Conf. Electr. Eng. Comput. Sci. Informatics* 4, 114–119. <https://doi.org/10.11591/eecsi.4.1000>
- Faramayuda, F., Julian, S., Windyaswari, A.S., Mariani, T. sri, Elfahmi, Sukrasno, 2019. Review: Flavonoid pada Tanaman Kumis Kucing (*Orthosiphon stamineus* Benth.). *Proceeding Mulawarman Pharm. Conf.* 135–138.

- Fatimatuzzahra, F., Lestari, D.F., 2022. Potensi Infusa Bunga Kembang Sepatu (*Hibiscus rosa-sinensis*) Sebagai Anti Hiperurisemia Pada Mencit (*Mus musculus*). *J. Biosilampari J. Biol.* 4, 53–62. <https://doi.org/10.31540/biosilampari.v4i2.1534>
- Gimbun, J., Pang, S.F., Yusoff, M.M., 2018. Orthosiphon stamineus (Java Tea), Nonvitamin and Nonmineral Nutritional Supplements. Elsevier Inc. <https://doi.org/10.1016/B978-0-12-812491-8.00047-3>
- James W Lohr, M.P., 2020. Hyperuricemia [WWW Document]. Medscape. URL <https://emedicine.medscape.com/article/241767-overview#a6> (accessed 1.17.22).
- Jie, L.H., Jantan, I., Yusoff, S.D., Jalil, J., Husain, K., 2021. Sinensetin: An Insight on Its Pharmacological Activities, Mechanisms of Action and Toxicity. *Front. Pharmacol.* 11. <https://doi.org/https://doi.org/10.3389%2Ffphar.2020.553404>
- Jung, S.W., Kim, S.M., Kim, Y.G., Lee, S.H., Moon, J.Y., 2020. Uric Acid and Inflammation in Kidney Disease. *Am. J. Physiol. - Ren. Physiol.* 318, F1327–F1340. <https://doi.org/10.1152/ajprenal.00272.2019>
- Knudsen, L., Brandenberger, C., Ochs, M., 2021. Stereology as the 3D tool to quantitate lung architecture. *Histochem. Cell Biol.* 155, 163–181. <https://doi.org/10.1007/s00418-020-01927-0>
- Li, L., Zhang, Y., Zeng, C., 2020. Update on the Epidemiology, Genetics, and Therapeutic Options of Hyperuricemia. *Am. J. Transl. Res.* 12(7), 3167–3181.
- Liu, C.W., Chang, W.C., Lee, C.C., Shau, W.Y., Hsu, F.S., Wang, M.L., Chen, T.C., Lo, C., Hwang, J.J., 2019. The Net Clinical Benefits of Febuxostat Versus Allopurinol in Patients With Gout or Asymptomatic Hyperuricemia – A systematic review and meta-analysis. *Nutr. Metab. Cardiovasc. Dis.* 29, 1011–1022. <https://doi.org/10.1016/j.numecd.2019.06.016>
- Mescher, A.L., 2019. Junqueira's Basic Histology : Text & Atlas (15th ed), Morphologia.
- Mokalu, F.R., Bodhi, W., Lebang, J.S., 2021. Uji Aktivitas Antihiperurisemia Ekstrak Etanol Daun Kumis Kucing (*Orthosiphon aristatus* (Blume)). *Pharmacon* 10, 730–735.
- Moore et al, 2018. Moore Clinically Oriented Anatomy Eight Edition, Wolters Kluwer. Wolters Kluwer Health.
- Mouton, P.R., 2012. History of Modern Stereology 1–17.
- Octavia, A., Sriayudha, Y., Ali, H., 2020. Innovation capability and supply chain management: Empirical study of Indonesian traditional herbal medicine products. *Int. J. Supply Chain Manag.* 9, 601–608.

- Ohno, I., 2011. Relationship Between Hyperuricemia and Chronic Kidney Disease. *Nucleosides, Nucleotides and Nucleic Acids* 30, 1039–1044. <https://doi.org/10.1080/15257770.2011.611484>
- Pane, M.H., Rahman, A.O., Ayudia, E.I., 2021. Gambaran Penggunaan Obat Herbal Pada Masyarakat Indonesia Dan Interaksinya Terhadap Obat Konvensional Tahun 2020. *J. Med. Stud.* 1, 40–62.
- Ponticelli, C., Podestà, M.A., Moroni, G., 2020. Hyperuricemia as A Trigger of Immune Response in Hypertension and Chronic Kidney Disease. *Kidney Int.* 98, 1149–1159. <https://doi.org/10.1016/j.kint.2020.05.056>
- Queensland, U. of, 2019. Stereology Overview. Queensl. Brain Inst.
- S, J.P.D., Pasula, S., Sunanda, V., Apparow, D.N., 2020. Study of uric acid and lipid profile in recent onset essential hypertension. *Int. J. Clin. Biochem. Res.* 5, 301–305. <https://doi.org/10.18231/2394-6377.2018.0062>
- Sadeghinezhad, J., Nyengaard, J.R., 2019. Cat Kidney Glomeruli and Tubules Evaluated by Design-Based Stereology. *Anat. Rec.* 302, 1846–1854. <https://doi.org/10.1002/ar.24144>
- Sivakumar, C., Jegannathan, K., 2018. Phytochemical Profiling of Cat Whisker's (*Orthosiphon stamineus*) Tea Leaves Extract. *J. Pharmacogn. Phytochem.* 7, 1396–1402.
- Sumayyah, S., Salsabila, N., 2017. Obat Tradisional : Antara Khasiat dan Efek Sampingnya. Farmasetika.com (Online) 2, 1. <https://doi.org/10.24198/farmasetika.v2i5.16780>
- Surahmaida, S., Umarudin, U., Junairah, J., 2019. Senyawa Bioaktif Daun Kumis Kucing (*Orthosiphon stamineus*). *J. Kim. Ris.* 4, 81. <https://doi.org/10.20473/jkr.v4i1.13176>
- Tandi, J., Roem, M., Yuliet, Y., 2017. Efek Nefroprotektif Kombinasi Ekstrak Daun Gedi Merah dan Daun Kumis Kucing pada Tikus Induksi Etilen Glikol. *J. Trop. Pharm. Chem.* 4, 27–34. <https://doi.org/10.25026/jtpc.v4i1.129>
- Tortora, G.J., Derrickson, B., 2017. Principles of Anatomy and Physiology, 15th ed. John Wiley & Sons, Inc.
- Vargas, F., Romecín, P., García-Guillén, A.I., Wangesteen, R., Vargas-Tendero, P., Paredes, M.D., Atucha, N.M., García-Estañ, J., 2018. Flavonoids in kidney health and disease. *Front. Physiol.* 9, 1–12. <https://doi.org/10.3389/fphys.2018.00394>
- Wang, M., Zhao, J., Zhang, N., Chen, J., 2016. Astilbin improves potassium oxonate-induced hyperuricemia and kidney injury through regulating oxidative stress and inflammation response in mice. *Biomed. Pharmacother.*

- 83, 975–988. <https://doi.org/10.1016/j.biopha.2016.07.025>
- West, M.J., 2012. Introduction to stereology. *Cold Spring Harb. Protoc.* 7, 843–851. <https://doi.org/10.1101/pdb.top070623>
- Xu, L., Lin, G., Yu, Q., Li, Q., Mai, L., Cheng, J., Xie, J., Liu, Y., Su, Z., Li, Y., 2021. Anti-Hyperuricemic and Nephroprotective Effects of Dihydroberberine in Potassium Oxonate- and Hypoxanthine-Induced Hyperuricemic Mice. *Front. Pharmacol.* 12, 1–13. <https://doi.org/10.3389/fphar.2021.645879>
- Yanai, H., Adachi, H., Hakoshima, M., Katsuyama, H., 2021. Molecular Biological and Clinical Understanding of the Pathophysiology and Treatments of Hyperuricemia and Its Association with Metabolic Syndrome, Cardiovascular Disease and Chronic Kidney Disease. *Int. J. Mol. Sci.* 22 (17). <https://doi.org/https://doi.org/10.3390/ijms22179221>
- Yunita, E.P., Fitriana, D.I., Gunawan, A., 2018. Associations between Obesity, High Purine Consumptions, and Medications on Uric Acid Level with the Use of Allopurinol in Hyperuricemia Patients. *Indones. J. Clin. Pharm.* 7, 1–9. <https://doi.org/10.15416/ijcp.2018.7.1.1>
- Yurista, S.R., Ferdian, R.A., Sargowo, D., 2016. Prinsip 3Rs dan Pedoman Arrive Pada Studi Hewan Coba. *J. Kardiol. Indones.* 37, 156–63.