

DAFTAR PUSTAKA

- Abdulsahib, W.K., & Radeef, M.Y. (2024). Effect Of Quercetin Against Pilocarpine Induced Epilepsy in Mice. *Journal of Advanced Pharmaceutical Technology and Research*. 15(2), 63-69. <https://doi.org/10.4103/JAPTR.JAPTR.496.23>.
- Akyuz, E., Paudel, Y.N., Polat, A.K., Dundar, H.E. and Angelopoulou, E. (2021), Enlightening the neuroprotective effect of quercetin in epilepsy: From mechanism to therapeutic opportunities. *Epilepsy & Behavior*, 115, 107701. <https://doi.org/10.1016/j.yebeh.2020.107701>.
- Al-Gizar, A. M., Syarif, R. A., Kasim, S. dan Nur, S. (2022) 'Standardization and pharmacological screening of female mice (Mus musculus) in epilepsy models: Age and weight considerations', *Journal of Pharmacy and Pharmacology Research*, 6(2), hlm. 88–95. <https://doi.org/10.24248/jppr.v6i2.341>.
- Carrillo-Martinez, E. J., Flores-Hernández, F. Y., Salazar-Montes, A. M., Nario-Chaidez, H. F., & Hernández-Ortega, L. D. (2024). Quercetin, A Flavonoid with Great Pharmacological Capacity. *Molecules (Basel, Switzerland)*, 29(5), 1000. <https://doi.org/10.3390/Molecules29051000>.
- Dong, Y., Lei, J. and Zhang, B. (2020), Effects of dietary quercetin on the antioxidative status and cecal microbiota in broiler chickens fed with oxidized oil. *Poultry Science*, 99(10), pp. 4892–4903. <https://doi.org/10.1016/j.psj.2020.06.028>.
- Fakhri, S., Abbaszadeh, F., Moradi, S.Z., Cao, H., Khan, H. and Xiao, J. (2022), Effects of polyphenols on oxidative stress, inflammation, and interconnected pathways during spinal cord injury. *Oxidative Medicine and Cellular Longevity*, 2022, 8100195. <https://doi.org/10.1155/2022/8100195>.
- Gidal, B. E., Garnett, W. R., Privitera, M. D., Cavazos, J. E. dan Schachter, S. C. (2025) *Pharmacotherapy of Epilepsy: Principles and Practice*. Edisi ke-4. New York: McGraw-Hill Education.
- Guo, J., Xue, C., Duan, J.A., Qian, D., Tang, Y. and You, Y. (2011), Anticonvulsant, antidepressant-like activity of *Abelmoschus manihot* ethanol extract and its potential active components in vivo. *Phytomedicine*, 18(14), pp. 1250–1254. <https://doi.org/10.1016/j.phymed.2011.06.012>.
- Ihara, Y., Tomonoh, Y., Deshimaru, M., Zhang, B., Uchida, T., Ishii, A., & Hirose, S. (2016). Retigabine, a Kv7.2/Kv7.3-Channel Opener, Attenuates Drug-Induced Seizures in Knock-In Mice Harboring Kcnq2 Mutations. *Plos One*. 11(2), 1-18. <https://doi.org/10.1371/journal.pone.0150095>.
- Kary, A., Lee, S., Thompson, J., Miller, P. dan Richards, D. (2021) 'Evaluation of carboxymethyl cellulose as a vehicle for oral administration in pharmacological studies', *Journal of Pharmacological and Toxicological Methods*, 108, hlm. 106956. <https://doi.org/10.1016/j.vascn.2021.106956>.
- Lestari, N.D., Hastuti, S. & Astini, N. 2022. Hubungan lama pengobatan dan jenis obat antiepilepsi dengan efek samping obat pada pasien epilepsi di Poliklinik Neurologi RSUDZA. *Journal of Medical Science*. 3(2). 80–87. <https://doi.org/10.55572/jms.v3i2.98>.
- Li, B., Wang, L., Sun, Z., Zhou, Y., Shao, D., Zhao, J., Song, Y., Lv, J., Dong, X., Liu, C., Wang, P., Zhang, X., & Cui, R. (2014). The anticonvulsant effects of SR 57227 on pentylentetrazole-induced seizure in mice. *PloS one*, 9(4), e93158. <https://doi.org/10.1371/journal.pone.0093158>.
- Moghbelinejad, S., Alizadeh, S., Mohammadi, G., Khodabandehloo, F., Rashvand, Z., Najafipour, R. and Nassiri-Asl, M. (2017) 'The effects of quercetin on the

- gene expression of the GABAA receptor $\alpha 5$ subunit gene in a mouse model of kainic acid-induced seizure', *Journal of Physiological Sciences*, 67(3), pp. 339–343. <https://doi.org/10.1007/s12576-016-0497-5>.
- Mondal, M. dan Yeasmin, M. S. (2016) 'Review on Sodium Carboxymethyl Cellulose: Syntheses and Applications', *Journal of Scientific Research*, 8(3), hlm. 431–444. <https://doi.org/10.3329/jsr>.
- Moto, F.C.O., Arsa'a, A., Ngoupaye, G.T., Taiwe, G.S., Njapdounke, J.S.K., Kandeda, A.K., et al. (2018), Anxiolytic and antiepileptic properties of the aqueous extract of *Cissus quadrangularis* (Vitaceae) in mice pilocarpine model of epilepsy. *Frontiers in Pharmacology*, 9(July), pp. 1–10. <https://doi.org/10.3389/fphar.2018.00751>.
- Natasya, W., Wati, D.L. and Azmardina, Z. 2024. Stigma epilepsi dari masyarakat dan orang dengan epilepsy. *Neurona: Majalah Kedokteran Neuro Sains*. 40(2).1–8. <https://doi.org/10.52386/neurona.v40i2>.
- Nurfitri, M.M., Queljoe, E.D. and Datu, O.S. 2021. Uji efek analgetik ekstrak etanol daun kumis kucing (*Orthosiphon aristatus* (Blume) Miq.) terhadap tikus putih Jantan. *Pharmachon*. 10(4). 1115–1161. <https://doi.org/10.35799/pha.10.2021.37413>.
- Nurkhasanah, Bachri, M.S. dan Yuliani, S. (2023) *Antioksidan dan Stres Oksidatif*. Yogyakarta: UAD Press.
- Rabidas, S.S., Prakash, C., Tyagi, J., Suryavanshi, J., Kumar, P., Bhattacharya, J., & Sharma, D. (2023). A Comprehensive Review on Anti-Inflammatory Response of Flavonoids in Experimentally-Induced Epileptic Seizures. *Brain Sciences*. 13(102), 1-24. <https://doi.org/10.3390/brainsci13010102>.
- Racine, R. J. (1972) 'Modification of seizure activity by electrical stimulation: II. Motor seizure', *Electroencephalography and Clinical Neurophysiology*, 32(3), hlm. 281–294. [https://doi.org/10.1016/0013-4694\(72\)90177-0](https://doi.org/10.1016/0013-4694(72)90177-0).
- Ramadhan, R., Fitriani, A., Arsyad, A. dan Ahmad, A. (2023) 'Pentingnya aklimatisasi dan kontrol lingkungan pada hewan coba di laboratorium biofarmasi: Review prosedur standar operasional', *Jurnal Sains Farmasi & Klinis*, 10(1), hlm. 45–52.
- Rodríguez-García, I. et al. (2023) Lipid peroxidation and antioxidants: Mechanisms and implications. *Biomolecules*. 13(4): 1291 <https://doi.org/10.3390/biom13091291>.
- Seshla, S., Jadhav, S.A., Khanwelkar, C.C., Thorat, V.M. and Salve, P.B. (2020), An experimental evaluation and comparison of antiepileptic activity of ganaxolone and its combination with sodium valproate in rats. *International Journal of Biology, Pharmacy and Allied Sciences*, 9(7), pp. 1549–1558. <https://doi.org/10.31032/IJBPAS/2020/9.7.5098>.
- Shimada, T. and Yamagata, K. 2018. Model tikus pemicu yang diinduksi pentylenetetrazole. *Journal of Visualized Experiments*. 12(136). <https://doi.org/10.3791/56573>.
- Sitinjjak, B.D.P. dan Zuhrotun, A. (2022), Potential of herbs as phytotherapy in epilepsy. *Indonesian Journal of Biological Pharmacy*, 2(2), pp. 76–86. <https://doi.org/10.24198/ijbp.v2i2.41233>
- Sunarti (2021) *Antioksidan dalam Penanganan Sindrom Metabolik*. Yogyakarta: UGM Press.
- Susanti, R., Wahyuni, S., Kurniawan, A., Setiawan, B. dan Pratama, M. R. (2024) *Neurofisiologi dan Patofisiologi Kejang: Pendekatan Klinis dan Terapi*. Jakarta: Penerbit Buku Kedokteran EGC.

- Tavakoli, Z., Dehkordi, H.T., Lorigooini, Z., Rahimi-Madiseh, M., Korani, M.S. and Amini-Khoei, H. (2023), Anticonvulsant effect of quercetin in pentylenetetrazole (PTZ)-induced seizures in male mice: The role of anti-neuroinflammatory and anti-oxidative stress. *International Immunopharmacology*, 116, 109772. <https://doi.org/10.1016/j.intimp.2023.109772>
- Tursunov, A. N., Vasilyev, D. S., & Nalivaeva, N. N. (2023). Molecular mechanisms of valproic acid action on signalling systems and brain functions. *Rossiiskii Fiziologicheskii Zhurnal Imeni I.M. Sechenova*, 109(10), 1331–1348. <https://doi.org/10.1134/S0022093023050228>.
- Van Erum, J., Van Dam, D. dan De Deyn, P. P. (2019) PTZ-induced seizures in mice require a revised Racine scale, *Seizure*, 71, hlm. 101–105. <https://doi.org/10.1016/j.yebeh.2019.02.029>.
- World Health Organization (WHO). 2019. Epilepsy. Available at: <https://www.who.int/news-room/fact-sheets/detail/epilepsy> (Accessed: 23 September 2025).
- Zhou, Y., Xu, C., Ye, J., Ye, B., Wu, C., Fang, R., Yu, G. dan Wu, X. (2020) 'Valproic acid attenuates traumatic brain injury-induced inflammation in vivo: Involvement of autophagy and the Nrf2/ARE signaling pathway', *Frontiers in Molecular Neuroscience*, 11, 117. <https://doi.org/10.3389/fnmol.2018.00117>.