

## DAFTAR PUSTAKA

- Abrahams, S., Haylett, W.L., Johnson, G., Carr, J.A. and Bardien, S. (2019) ‘Antioxidant effects of curcumin in models of neurodegeneration, aging, oxidative and nitrosative stress: A review’, *Neuroscience*, Elsevier Lt. doi: 10.1016/j.neuroscience.2019.02.020.
- Agi, Y. A. & Titrawani. 2021. Gambaran Histologi Ginjal Tikus Wistar (Rattus Norvrgicus Berkenhout 1769) Akibat Pemberian Kopi Putih. *Jurnal Biologi Universitas Andalas*. 9(2), Pp. 60-67.
- Ali, B.H., Al-Salam, S., Al Suleimani, Y., Al Kalbani, J., Al Bahlani, S., Ashique, M., Manoj, P., et al. (2018) ‘Curcumin Ameliorates Kidney Function and Oxidative Stress in Experimental Chronic Kidney Disease’, *Basic and Clinical Pharmacology and Toxicology*, Blackwell Publishing Ltd, 122 (1), pp. 65–73. doi: 10.1111/bcpt.12817.
- Alkuraishy, H.M., Al-Gareeb, A.I. and Rasheed, H.A. (2019) ‘Nephroprotective effect of Curcumin (*Curcuma Longa*) in acute nephrotoxicity in Sprague-Dawley rats’, *J Contemp Med Sci*, 5(2), pp. 122–124. doi: 10.22317/jcms.04201911.
- Almeida Araujo, S., Cunha Vasconcelos, J., Campos Wanderley, D. and Cristina Simoes Silva, A. (2022), ‘Renal Toxicity Caused by Diethylene Glycol: an Overview’, *Int Urol Nephrol*, 55(11), pp. 2867-2875. doi: 10.21203/rs.3.rs-2085900/v1.
- Bhandari J, Thada P. K, Arif H. (2023) ‘Tubulointerstitial Nephritis’, In: *StatPearls [Internet]*. Treasure Island (FL): StatPearls Publishing, Available from: <https://www.ncbi.nlm.nih.gov/books/NBK557537/>.
- BPOM. (2023) ‘Pedoman Mitigasi Risiko Cemaran Etilen Glikol (Eg) Dan Dietilen Glikol (Deg) Dalam Obat Tradisional, Suplemen Kesehatan, Dan Obat Kuasi’, Jakarta : Deputi Bidang Pengawasan Obat Tradisional, Suplemen Kesehatan dan Kosmetik.
- Burapan, S., Kim, M., Paisooksantivatana, Y., Eser, B.E. and Han, J. (2020) ‘Thai Curcuma species: Antioxidant and bioactive compounds’, *Foods*, MDPI AG, 9 (9), pp.1-11. doi: 10.3390/foods9091219.

- Cahya, D. & Prabowo, H. (2019) 'Standarisasi Spesifik Dan Non-Spesifik Simplicia Dan Ekstrak Etanol Rimpang Kunyit (*Curcuma domestica* Val.)', *Jurnal Farmasi Udayana*, pp. 29-35. doi:10.24843/JFU.2019.v08.i01.p05.
- Devoti, E., Marta, E., Belotti, E., Bregoli, L., Liut, F., Maiorca, P., Mazzucotelli, V. & Cancarini, G. (2015) 'Diethylene Glycol Poisoning From Transcutaneous Absorption', *American Journal of Kidney Diseases*, 65(4), pp. 603–606. doi:10.1053/j.ajkd.2014.07.032.
- Dumas S. J, Meta E, Borri M, Luo Y, Li X, Rabelink TJ, Carmeliet P. (2021) 'Phenotypic diversity and metabolic specialization of renal endothelial cells', *Nat Rev Nephrol*, 17(7), pp. 441-464. doi: 10.1038/s41581-021-00411-9.
- El-Sheikh AA, Morsy MA, Mahmoud MM, Rifaai RA, Abdelrahman AM. (2012)' Effect of coenzyme-q10 on Doxorubicin-induced nephrotoxicity in rats'. *Adv Pharmacol Sci*, 2012;2012:981461. doi: 10.1155/2012/981461.
- Eroschenko VP. (2015) *Atlas Histologi diFoire : Dengan Korelasi Fungsional* (12th ed.). Jakarta: EGC.
- Fan, Y., Chen, H., Peng, H., Huang, F., Zhong, J. and Zhou, J. (2017) 'Molecular mechanisms of curcumin renoprotection in experimental acute renal injury', *Frontiers in Pharmacology*, Frontiers Media S.A., 8 (1), pp. 1-11. doi: 10.3389/fphar.2017.00912.
- Farmakope Herbal Indonesia. 2017. Farmakope Hebal Indonesia Edisi Ii. Departemen Kesehatan Republik Indonesia.
- Gani, J. O., Wardhani, F. M. & Tandanu, E. (2021) 'Uji Toksisitas Akut Ekstrak Kunyit Putih (*Curcuma Zedoaria*) Pada Ginjal Tikus Wistar Jantan, *Majalah Kesehatan*, 8 (4), pp. 192-198.
- Gopalakrishnan, N., Kamarajan, M., Balasubramaniyan, T., Sakthirajan, R., Dhanapriya, J., & Dineshkumar, T. (2016) 'Diethylene Glycol Poisoning-Induced Acute Kidney Injury', *Saudi journal of kidney diseases and transplantation : an official publication of the Saudi Center for Organ Transplantation, Saudi Arabia*. 27(6), pp. 1276–1279. doi: 10.4103/1319-2442.194692.
- Guest, P. C. (Ed.) (2021). *Studies on Biomarkers and New Targets in Aging Research in Iran. Advances in Experimental Medicine and Biology*.

- Guyton, A.C. & Hall, J. E. (2016) *Textbook of Medical Physiology, 13th ed.*, diterjemahkan oleh Setiawan, I., Tengadi, K.A., Santoso, A. Jakarta: Penerbit Buku Kedokteran EGC.
- Hashish, E. A. & Elgaml, S. A. (2016) ‘Hepatoprotective and Nephroprotective Effect of Curcumin Against Copper Toxicity in Rats’, *Indian Journal of Clinical Biochemistry*, 31 (3), pp. 270–277. doi: 10.1007/s12291-015-0527-8.
- Hidayah, N., Puspita, R. and Mujahidah, M. (2020) ‘Pengaruh Ekstrak Kunyit (*Curcuma domestica* Val) Terhadap Berat Badan, Jumlah Eosinofil dan Basofil Ayam Petelur yang Diinfeksi *Salmonella pullorum*’, *Jurnal Medik Veteriner*, Universitas Airlangga, 3 (2), pp. 230. doi: 10.20473/jmv.vol3.iss2.2020.230-235.
- Ihsan, B. R. P., Nurhayati, I. P. & Maysaroh. 2018. Validasi Metode Ultra High Performance Chromatography Double Mass Spectrometry (Uhplc-Ms/Ms) Untuk Analisis Kurkumin Pada Ekstrak Etanol Kunyit (*Curcuma Longa*) Dengan Berbagai Perbandingan. *Pharmaceutical Journal Of Indonesia*. 4(1), Pp. 29-34.
- Jamison, C.N., Dayton, R. D., Latimer, B., McKinney, M.P., Mitchell, H.G. and McMartin, K.E. (2021) ‘Neurotoxic effects of nephrotoxic compound diethylene glycol’, *Clinical Toxicology, Taylor and Francis Ltd.*, 59 (9), pp. 810–821. doi: 10.1080/15563650.2021.1874403.
- Jannah, D. R. & Budijastuti, W. (2022) ‘Histopathological Overview Kidneys Toxicity of A Male Rat (*Rattus norvegicus*) Being Given Yakon Tuber (*Smallanthis sonchifolius*)’, *Lentera Bio.*, 11 (2), pp. 238-246.
- Kaur, A., Kaur, T., Singh, B., Pathak, D., Singh Buttar, H. and Pal Singh, A. (2016) ‘Curcumin alleviates ischemia reperfusion-induced acute kidney injury through NMDA receptor antagonism in rats’, *Renal Failure, Taylor and Francis Ltd*, 38 (9), pp. 1462–1467. doi: 10.1080/0886022X.2016.1214892.
- Khalid, U., Pino-Chavez, G., Nesargikar, P., Jenkins, R.H., Bowen, T., Fraser, D.J. and Chavez, R. (2016) ‘Kidney ischaemia reperfusion injury in the rat: the EGTI scoring system as a valid and reliable tool for histological assessment”, *Journal of Histology and Histopathology*, Herbert Publications PVT LTD, 3 (1), pp. 1. doi: 10.7243/2055-091x-3-1.
- Landry, G.M., Dunning, C.L., Abreo, F., Latimer, B., Orchard, E. and McMartin, K.E. (2015) ‘Diethylene glycol-induced toxicities show marked threshold dose

- response in rats', *Toxicology and Applied Pharmacology*, Academic Press Inc., 282 (3), pp. 244–251. doi: 10.1016/j.taap.2014.12.010.
- Lukito, J.I. (2023) 'Tata Laksana Keracunan Ethylene Glycol dan Diethylene Glycol', *Cermin Dunia Kedokteran*, 50(2), pp. 92–96. Doi: 10.55175/cdk.v50i2.526.
- Manasa Psl, Kamble Ad, Chilakamarthi U. 2023. Various Extraction Techniques Of Curcumin-A Comprehensive Review. *Acs Omega*, 8(38), pp. 34868-34878. Doi: 10.1021/Acsomega.3c04205.
- Mescher, A. (2017) *Histologi dasar junqueira (14th ed.)*. Jakarta: EGC.
- Murray I. V. & Paolini M. A (2023) 'Histology, Kidney and Glomerulus', [Updated 2023 Apr 17]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK554544/>
- Ortega-Domínguez, B., Aparicio-Trejo, O.E., García-Arroyo, F.E., León-Contreras, J.C., Tapia, E., Molina-Jijón, E., Hernández-Pando, R., et al. (2017) 'Curcumin prevents cisplatin-induced renal alterations in mitochondrial bioenergetics and dynamic', *Food and Chemical Toxicology*, Elsevier Ltd, 107(1), pp. 373–385. doi: 10.1016/j.fct.2017.07.018.
- Pittampalli, B., Jogam, P., Thampu, R.K., Abbagani, S. and Peddaboina, V. (2022) 'High-frequency plant regeneration and genetic homogeneity assessment of regenerants by molecular markers in turmeric (*Curcuma longa* L.)', *In Vitro Cellular and Developmental Biology - Plant*, Springer. 58 (1), pp. 169–180. doi: 10.1007/s11627-021-10226-9.
- Purwakusumah, E. D., Royani, L., & Rafi, M. (2016). Evaluasi Aktivitas Antioksidan Dan Perubahan Metabolit Sekunder Mayor Temulawak (*Curcuma Xanthorrhiza*) Pada Umur Rimpang Yang Berbeda. *Jurnal Jamu Indonesia*. 1(1), 10 –17. [Https://Doi.Org/10.29244/Jji.V1i1.3](https://Doi.Org/10.29244/Jji.V1i1.3).
- Rafe, M. A. S. R., Gaina, C. D., Nemay, A. & Ndaong. (2020) 'Gambaran Histopatologi Ginjal Tikus Putih (*Rattus Norvegicus*) Jantan Yang Diberi Infusa Pare Lokal Pulau Timor, *Jurnal Veteriner Nusantara*, 3 (1), pp.61-73.
- Rahman, A. A., Hidayat, R. & Nita Sri. (2016) 'Pengaruh Iskemia-Reperfusi terhadap Gambaran Seluler Tubulointerstisial Renalis, Kadar Cystatin C dan Glomerular Filtration Rate (GFR) Tikus Wistar', *Sriwijaya Journal Of Medicine*, 2 (3), pp. 186-196.

- Simorangkir, L. T. & Suharjono. (2023)' Peran Fomepizole dalam Penanganan Intoksikasi Etilen Glikol dan Dietilen Glikol', *Journal of Islamic Pharmacy*, 8 (1), pp. 39-43.
- Snellings, W.M., McMullan, K.E., Banton, M.I., Reitman, F. and Klapacz, J. (2017) 'Human health assessment for long-term oral ingestion of diethylene glycol', *Regulatory Toxicology and Pharmacology*, Academic Press Inc, 87(1), pp. 1–20. doi: 10.1016/j.yrtph.2017.03.027.
- Tienda-Vázquez, M.A., Morreeuw, Z.P., Sosa-Hernández, J.E., Cardador-Martínez, A., Sabath, E., Melchor-Martínez, E.M., Iqbal, H.M.N. and Parra-Saldívar, R. (2022) 'Nephroprotective Plants: A Review on the Use in Pre-Renal and Post-Renal Diseases', *Plants*, 11(6), p. 1-24. doi: 10.3390/plants11060818.
- Trujillo, J., Chirino, Y.I., Molina-Jijón, E., Andérica-Romero, A.C., Tapia, E. and Pedraza-Chaverri, J. (2013) 'Renoprotective effect of the antioxidant curcumin: Recent findings', *Redox Biology*, Elsevier B.V. doi: 10.1016/j.redox.2013.09.003.
- Thuawaini, M., Al-Farhaan, M.B.G. And F Abbas, K. (2019) 'Hepatoprotective And Nephroprotective Effects Of The Aqueous Extract Of Turmeric (*Curcuma Longa*) In Rifampicin And Isoniazid-Induced Hepatotoxicity And Nephrotoxicity In Rats', *Asian Journal of Pharmaceutical and Clinical Research, Innovare Academic Sciences Pvt Ltd*, pp. 293–298. doi: 10.22159/ajpcr.2019.v12i3.30419.
- Umar, T.P., Jain, N. and Azis, H. (2023) 'Endemic rise in cases of acute kidney injury in children in Indonesia and Gambia: what is the likely culprit and why?', *Kidney International*, Elsevier B. V, 103 (3), pp. 444-447. doi: 10.1016/j.kint.2022.12.004.
- Wendersteyt, N. V., Wewengkang, D. S. & Abdullah, S. S. 2021. Uji Aktivitas Antimikroba Dari Ekstrak Dan Fraksi Ascidian Herdmania Momus Dari Perairan Pulau Bangka Likupang Terhadap Pertumbuhan Mikroba Staphylococcus Aureus, Salmonella Typhimurium Dan Candida Albicans. *Pharmacon*. 10(1), Pp. 706-712.
- Wittschieber, D., Heuberger, K., Schulz, R., Köhler, H., & Varchmin-Schultheiß, K. (2019). Fatal poisoning with diethylene glycol in an unusual setting. *Forensic Science, Medicine, and Pathology*, 15(4), 649–652. <https://doi.org/10.1007/s12024-019-00123-4>

- Wu, J. Y., Chan, Y. C., Guo, H., Chen, Y. J., Liu, Y. X., Yi, H., & Yu, Z. L. (2020). Twenty-four-week oral dosing toxicities of Herba Siegesbeckiae in rats. *BMC complementary medicine and therapies*, 20(1), 341. <https://doi.org/10.1186/s12906-020-03137-6>.

