

DAFTAR PUSTAKA

- Abdel-Sattar, O.E., Allam, R.M., Al-Abd, A.M., Avula, B., Katragunta, K., Khan, I.A., El-Desoky, A.M., Mohamed, S.O., El-Halawany, A., Abdel-Sattar, E. & Meselhy, M.R. 2023. Cytotoxic and Chemomodulatory Effects of *Phyllanthus niruri* in MCF-7 and MCF-7ADR Breast Cancer Cells. *Scientific Reports*, 13(1), 2683.
- Abudalo, R., Gammoh, O., Altaber, S., Bseiso, Y., Qnais, E., Wedyan, M., Oqal, M. & Alqudah, A. 2024. Mitigation of Cisplatin-Induced Cardiotoxicity by Isorhamnetin: Mechanistic Insights Into Oxidative Stress, Inflammation, and Apoptosis Modulation. *Toxicology Reports*, 12, 564-573.
- Aditya A. B., Susanti, S., & Windarti, I. 2017. Noni Fruits (*Morinda citrifolia*) as Atherosclerosis Inhibitor. *Majority*, 6(1), 18-26.
- Agushybana, F., Dharminto, D., Mawarni, A., Purnami, T. C., Winarni, S., Dharmawan, Y., & Nuridzin, Z. D. 2024. *Buku Ajar Biostatistika Deskriptif dan Inferensial*. Semarang : Undip Press.
- Agustiningsih, D. 2025. *Perlakuan Aktivitas Fisik Pada Hewan Coba Tikus dalam Penelitian Biomedis*. UGM PRESS : Yogyakarta.
- Alfiani, D., Putri, M.P. & Widayanti, W. 2022. Literature Study: Obesitas sebagai Faktor Risiko pada Kanker Payudara Triple Negative. *In Bandung Conference Series: Medical Science* 2(1), 326-329.
- Al-Malaak, M. K., Almansour, N. A. A., & Hussein, Z. M. 2018. Histopathological Study on Maternal Pancreas, Placenta and Fetal Pancreas at 18th Day Postgestation of Streptozotocin Induced Maternal Diabetic Rats (*Rattus norvegicus*), and The Effect of N-Butanolic Extract of Celery Seeds (*Apium graveolens*). *Al-Qadisiyah Medical Journal*, 14(26), 40-59.
- Arackal, A. 2025. Histology, Heart. *StatPearls Publishing, Treasure Island*, 31424727.
- Arunachalam, K. & Sasidharan, S. P. 2021. *Bioassays in Experimental and Preclinical Pharmacology*. Totowa, NJ, USA : Humana Press.
- Ashari, A., Kiramang, K., Ananda, S., Thaha, A. H., & Lestari, A. 2025. Pengaruh Penambahan Tepung Daun Pepaya (*Carica papaya* L.) dalam Pakan terhadap Histomorfometri Usus Halus Ayam Buras. *Tarjih Tropical Livestock Journal*, 5(1), 1-7.
- Azamy, K. & Utami, W. 2022. Tinjauan Literatur: Efektivitas Butionin Sulfoksimin dalam Meningkatkan Sensitivitas Sel Kanker terhadap Agen Kemoterapi secara In Vivo. *Pharmacon: Jurnal Farmasi Indonesia*, 19(2), 126-140.

- Balatif, R. & Sukma, A. A. M. 2021. Memahami Kaitan Gaya Hidup dengan Kanker: sebagai Langkah Awal Pencegahan Kanker. *Scripta Score Scientific Medical Journal*, 3(1), 40-50.
- Benjamin, B. 2019. Overview of Laboratory Animal Lifestyle, Care, and Management: a Case Study of Albino Rats. *J. Appl. Sci. Environ. Manage.* 23(8): 1431-1435.
- Buana, I. & Harahap, D. A. 2022. Asbestos, Radon dan Polusi Udara sebagai Faktor Resiko Kanker Paru pada Perempuan bukan Perokok. *Averrous: Jurnal Kedokteran dan Kesehatan Malikussaleh*, 8(1), 1-16.
- Cao, Y., Duca, S., & Cao, J. 2020. Epicardium In Heart Development. *Cold Spring Harbor Perspectives In Biology*, 12(2), a037192.
- Ceriana, R. & Rejeki, D. P. 2023. Uji Toksisitas Makroskopis pada Organ Ginjal, Hati, Jantung, dan Limpa Mencit Hiperglikemia yang Diberi Ekstrak Etanol Kulit Buah Rambai (*Baccaurea motleyana*). *Journal of Pharmaceutical and Health Research*, 4(2), 183-189.
- Chaudhuri, P. 2023. Basic Histological Techniques (Microtechniques) for Staining of Animal Tissue. *Uttar Pradesh Journal of Zoology*, 44(24), 225-230.
- Colby, L.A., Nowland, M.H., & Kennedy, L.H. 2019. *Clinical Laboratory Animal Medicine: An Introduction*. John Wiley & Sons : United States.
- Constantine, A. & Dimopoulos, K. 2022. Physiology of The Normal Heart. *Medicine*, 50(6), 322-326.
- Darmawan, E., Narwanti, I., Fatimah, S. F., Wulandari, I. A., Salma, R. P., & Dzulhaifa, D. 2019. The Sub-Chronic Toxicity Test of Meniran (*Phyllanthus niruri* L.) and Pegagan (*Centella asiatica*) Extract In Wistar Strain Rats On Liver And Kidney Function. *Jurnal Farmasi Sains dan Komunitas*, 16(2), 86-95.
- Dewa I. A. R, Widdhi, B, & Herny, S. 2017. *Pengaruh Ekstrak Etanol Buah Pinang Yaki (Areca vestiaria) terhadap Gambaran Makroskopis Organ Jantung pada Tikus Putih Jantan (Rattus novergicus) Galur Wistar*. FMIPA UNSRAT : Manado.
- di Gioia, C. R. T., Ascione, A., Carletti, R., & Giordano, C. 2023. Thoracic Aorta: Anatomy and Pathology. *Diagnostics*, 13(13), 2166.
- Dian, J., Silalahi, F. D., & Setiawan, N. D. 2021. Sistem Monitoring Detak Jantung untuk Mendeteksi Tingkat Kesehatan Jantung Berbasis Internet of Things Menggunakan Android. *Jurnal Penelitian Ilmu dan Teknologi Kompute*, 13(2), 69-75.
- Dwinanti, S.H., Savacka, M.A., & Sasanti, A.D. 2021. In Vitro Analysis: Inhibitory Effect of *Phyllanthus niruri* Extract Against *Aeromonas salmonicida*. *Bioscience*, 5(2), 94.

- Elma, B., Mammadov, R., Süleyman, H., Gündoğdu, B., Yurt, Ş., Bilgin, Y., & Çoban, A. 2022. The Effect of Rutin on Experimentally Induced Acute Heart Contusion in Rats: Biochemical and Histopathological Evaluation. *Turkish Journal of Trauma & Emergency Surgery*, 28(8), 1073.
- Elsayed, A., Elkomy, A., Elkammar, R., Youssef, G., Abdelhiee, E.Y., Abdo, W., Fadl, S.E., Soliman, A. & Aboubakr, M. 2021. Synergistic Protective Effects of Lycopene and N-Acetylcysteine against Cisplatin-Induced Hepatorenal Toxicity in Rats. *Scientific Reports*, 11(1), 13979.
- Febryantono, H., Siswanto, P.E.S. & Hartono, M., 2020. Pengaruh Pemberian Dosis Ekstrak Meniran (*Phyllanthus niruri* L.) terhadap Titer Antibodi Newcastle Disease dan Avian Influenza pada Broiler Jantan. *Jurnal Riset dan Inovasi Peternakan*, 4(1), 52-58.
- Harijati, N., Samino, S., Indriyani, S., & Soewondo, A. 2017. *Mikroteknik Dasar*. Malang : UB Press.
- Hermanto, D. H., Mayangsari, E., & Fadriyana, A. P. 2021. Efek Samping Kemoterapi Berbasis Karboplatin terhadap Fungsi Ginjal pada Pasien Kanker Ginekologi. *Majalah Kesehatan*, 8(3), 137-148.
- Hero, S. 2021. Faktor Risiko Kanker Payudara. *Jurnal Medika Utama*, 3(1), 1533-1537.
- Hu, Y., Sun, B., Zhao, B., Mei, D., Gu, Q., & Tian, Z. 2018. Cisplatin-Induced Cardiotoxicity with Midrange Ejection Fraction: A Case Report and Review of the Literature. *Medicine*, 97(52), 13807.
- Huang, X., He, D., Pan, Z., Luo, G., & Deng, J. J. M. T. B. 2021. Reactive-Oxygen-Species-Scavenging Nanomaterials for Resolving Inflammation. *Materials Today Bio*, 11, 100124.
- Ifana, C.A. & Pristihadi, D.N. 2023. Uji Toksisitas Akut Sari Buah Apel (*Malus domestica*) pada Mencit (*Mus musculus*). *UT – Anatomy, Physiology, dan Pharmacology*, 1048.
- Jaiswal, S., Mahanta, D., Singh, I., Sathapathy, S., Mrigesh, M., & Selvan, S. T. 2017. Histological, Histomorphometrical, Histochemical and Ultrastructural Studies on The Heart of Uttara Fowl. *Journal of Entomology and Zoology Studies*, 5(6), 2313–2318.
- Kamruzzaman, H.M. & Hoq, M.O. 2016. A Review on Ethnomedicinal, Phytochemical and Pharmacological Properties of *Phyllanthus niruri*. *Journal of Medicinal Plants Studies*, 4(6), 173-180.
- Keçeci, M., Bodur, F., Babaoğlu, E., Cengil, O., & Özer, C. M. 2024. Comparison of Histomorphometric Characteristics of Heart and Aorta in Young Adult and Aged Rats. *Medical Journal of Western Black Sea*, 8(3), 244-256.

- Khalidah, A. R. 2020. Literature Review: Mekanisme Resistensi Kemoterapi Berbasis Platinum. *Jurnal Kesehatan*, 11(1), 151-157.
- Krubaa, P. & Yogitha, P.S. 2024. Albino Wistar rats: advantages and limitations in biomedical research. *SBV Journal of Basic, Clinical and Applied Health Science*, 7(2), 61-65.
- Kubale, V., Merry, K., Miller, G., Diaz, M. R., & Rutland, C. S. 2018. Avian Cardiovascular Disease Characteristics, Causes and Genomics. *Application of Genetics and Genomics in Poultry Science*. <https://doi.org/10.5772/intechopen.78005>.
- Kuprytė, M., Lesauskaitė, V., Keturakis, V., Bunevičienė, V., Utkienė, L., Jusienė, L., & Pangonytė, D. 2023. Remodeling of Cardiomyocytes: Study of Morphological Cellular Changes Preceding Symptomatic Ischemic Heart Failure. *International Journal of Molecular Sciences*, 24(19), 14557.
- Lahamendu, B., Bodhi, W., & Siampa, J. P. 2019. Uji Efek Analgetik Ekstrak Etanol Rimpang Jahe Putih (*Zingiber officinale* Rosc. var. Amarum) pada Tikus Putih Jantan Galur Wistar (*Rattus norvegicus*). *Pharmacon*, 8(4), 927-935.
- Maier, W. & Ruf, I. 2016. Evolution of The Mammalian Middle Ear: A Historical Review. *J. Anat*, 228, 270-283.
- Makalalag, F.R., Malik, A. & Imelda, A. 2025. Efek Pemberian Ciprofloxacin terhadap Kadar Serum Kreatinin dan Perubahan Berat Organ Ginjal pada Tikus Putih Jantan (*Rattus norvegicus*) Galur Wistar. *Jurnal Farmasi Higea*, 17(2), 131-138.
- Manangin, A.S. 2025. Kontribusi Tikus Putih dalam Kemajuan Farmakologi. *Jurnal Kesehatan*, 3(5), 189-206.
- Mayefis, D. & Bidriah, M. 2022. Formulasi Sediaan Tablet Effervescent Ekstrak Herbal Meniran (*Phyllanthus niruri* L.) dengan Variasi Konsentrasi Sumber Asam dan Basa. *Ahmar Metastasis Health Journal*, 2(2), 75-86.
- Maynard, R. L. & Downes, N. 2019. *Anatomy and Histology of The Laboratory Rat in Toxicology and Biomedical*. Elsevier : United Kingdom.
- Meilani, R., Asra, R., & Rivai, H. 2020. Reviews on Ethnopharmacology, Phytochemistry, and Pharmacology of Meniran (*Phyllanthus niruri* L.). *World Journal of Pharmacy and Pharmaceutical Sciences*, 9(11), 144-164.
- Menga, M.K., Lilianty, E., & Irwan, A.M. 2020. Analisis Faktor Yang Mempengaruhi Fatigue Pada Pasien Kanker Dengan Kemoterapi: Literatur Review. *Jurnal Ilmiah Perawat Manado (Juiperdo)*, 8(2), 47-64.
- Musyarifah, Z. & Agus, S. 2018. Proses Fiksasi pada Pemeriksaan Histopatologik. *Jurnal Kesehatan Andalas*, 7(3), 443–453.

- Mutiah, R., Suryadinata, A., & Nurani, P. S. 2018. Uji Sitotoksik Kombinasi Cisplatin dengan Ekstrak Etanol Benalu Alpukat (*Dendrophthoe pentandra* (L) Miq.) pada Sel HeLa. *Majalah Kesehatan*, 5(3), 133-143.
- Myers, P., R. Espinosa, C. S. Parr, T. Jones, G. S. Hammond, & T. A. Dewey. 2024. The Animal Diversity Web (*online*). Accessed at <https://animaldiversity.org>.
- Nageeb, M.M., Saadawy, S.F., & Attia, S.H. 2022. Breast Milk Mesenchymal Stem Cells Abate Cisplatin-Induced Cardiotoxicity in Adult Male Albino Rats via Modulating The AMPK Pathway. *Scientific Reports*, 12(1), 17554.
- Noviyanti, N. P. R. & Yowani, S. C. 2023. Potensi Aktivitas Hepatoprotektor dari Meniran (*Phyllanthus niruri* L.) pada Penderita Penyakit Hati. In *Prosiding Workshop dan Seminar Nasional Farmasi*, 2(2), 654-667.
- Nurmalasari, Y., Rafie, R., Warganegara, E., & Desta, L.W., 2021. Pengaruh Pemberian Ekstrak Daun Kelor (*Moringa oleifera*) terhadap Kadar Hemoglobin pada Tikus Putih (*Rattus norvegicus*) Galur Wistar Jantan. *Jurnal Medika Malahayati*, 10.
- Nursoleha, E. & Utami, W. 2025. Efektivitas Kombinasi Agen Pendepleksi Glutathione (GSH) dan Inhibitor Glutathione S-Transferase (GST) pada Resistensi Cisplatin terhadap Sel Kanker: Systematic Literature Review. *Journal of Pharmaceutical and Sciences*, 694-705.
- Okafor, J.U., Olawumi, S.O., Olanrewaju, A.I., Usman, S., Oyewole, A.D., & Ogunwole, O.A. 2024. Haematology and Internal Organ Weights of Male Weanling Wistar Rats Fed Different Dietary Protein Sources. *Nigerian Journal of Animal Production*, 1528-1532.
- Osmakov, D.I., Kalinovskii, A.P., Belozeroval, O.A., Andreev, Y.A., & Kozlov, S.A. 2022. Lignans as Pharmacological Agents in Disorders Related to Oxidative Stress and Inflammation: Chemical Synthesis Approaches and Biological Activities. *International Journal of Molecular Sciences*, 23(11), 6031.
- Pagano, M., Gauvreau, K. & Mattie, H. 2022. Principles of Biostatistics. CRC Press : United States.
- Pandapotan, H., Fitriani, H., Hayati, F. & Syukri, Y. 2025. A Systematic Narrative Review: Kajian Farmakologi dan Toksikologi Meniran (*Phyllanthus niruri* L.): A Systematic Narrative Review: Pharmacology and Toxicology Study of Meniran (*Phyllanthus niruri* L.). *Media Farmasi*, 21(1), 1-10.
- Pasaribu, D.M.I., Setiasih, N.L.E., Heryani, L.G.S.S., Berata, I.K., Susari, N.N.W., & Suatha, I.K., 2024. Histomorphometry of The Dexter Ventricle of Local Bali Ducks at Growth Phase. *Buletin Veteriner Udayana*, 501-512.

- Penga, C. S. H., Amalo, F. A., Nitbani, H., & Maha, I. T. 2022. Gambaran Histologi Dan Histomorfometri Otot Babi Timor (*Sus Scrofa Domesticus*). *Jurnal Veteriner Nusantara*, 5(1), 122-132.
- Perdana, P. R. 2022. Aktivitas Imunomodulator Ekstrak Herba Meniran (*Phyllanthus niruri* L.). *Jurnal Farmagazine*, 9(1), 50-54.
- Perdana, R.M., Amir, M.N. & Mamada, S. 2020. Pengaruh Pemberian Ekstrak Etanol Kayu Secang (*Caesalpinia sappan* L.) secara Subkronik terhadap Bobot Jantung dan Paru Tikus Putih Jantan (*Rattus norvegicus*). *Majalah Farmasi dan Farmakologi*, 24(2), 63-66.
- Phyllanthus niruri* L. in GBIF Secretariat. 2023. GBIF Backbone Taxonomy. Accessed at GBIF <https://doi.org/10.15468/39omei> on 2025-10-13.
- Pramartha, K.H.W., Sudimartini, L.M., Dharmayudha, A., & Widiadnyani, N.K.E. 2024. Heart Histopathology Changes of Whitewistar Rats Satisfied with Chronic Apical Periodontitis Post Administration of Green Meniran Leaf Ethanol Extract in Calcium Hydroxide and 2% Chlorhexidin Digluconate as Root Canal Medicament Paste. *Buletin Veteriner Udayana*, 123-130.
- Pramesti, N.K.T., Wiratmini, N.I., & Astiti, N.P.A. 2017. Struktur histologi hati mencit (*Mus Musculus* l.) setelah Pemberian Ekstrak Daun Ekor Naga (*Rhapidophora pinnata* schott). *Jurnal Simbiosis*, 2, 43-46.
- Putro, D.U.H., Darmayanti, A.R.I., Tandiola, R., & Aulawi, K., 2023. Pengendalian Infeksi pada Pasien Kanker: Literature Review. *Jurnal Kesehatan Vokasional*, 8(1), 46-53.
- Rachma, B., Savitri, M., & Sutanto, H. 2025. Cardiotoxicity in Platinum-Based Chemotherapy: Mechanisms, Manifestations, and Management. *Cancer Pathogenesis and Therapy*, 3(2), 101-108.
- Ranasinghe, R., Mathai, M.L. & Zulli, A. 2022. Cisplatin for Cancer Therapy and Overcoming Chemoresistance. *Heliyon*, 8(9), e10608.
- Rifqi, M., 2021. Ekstraksi Antosianin pada Bunga Telang (*Clitoria ternatea* L.): Sebuah Ulasan. *Pasundan Food Technology Journal*, 8(2), 45-50.
- Rodriguez, E.R. & Tan, C.D. 2017. Structure And Anatomy of The Human Pericardium. *Progress in Cardiovascular Diseases*, 59(4), 327-340.
- Rondonuwu, G.T., Simbala, H., & Rumondor, E. 2021. Uji Invivo Ekstrak Umbi Bawang Hutan (*Eleutherine americana* Merr.) terhadap Gambaran Makroskopis Organ Jantung Tikus Putih Jantan Galur Wistar (*Rattus norvegicus*). *PHARMACON*, 10(2), 912-918.
- Safitri, N.A., Dewi, S.S., & Wardoyo, F.A. 2019. Aktivitas Ekstrak Meniran (*Phyllanthus niruri* L.) terhadap Pertumbuhan *Klebsiella pneumoniae* dan

- Pseudomonas aeruginosa*. In *Prosiding Seminar Nasional Mahasiswa Unimus* 1(2), 76-82.
- Salsabila, D. U., Faqiha, S. A. Z., & Anggraeni, A. D. 2021. Review Potensi Daun Awar-awar sebagai Agen Ko-Kemoterapi Antimetastasis Kanker Payudara. *J Pharm Sci*, 3, 296.
- Sanderson, J., 2020. Biological Microtechnique. BIOS Scientific : United Kingdom
- Saputra, R., Rosalinda, R., Rahman, S., Aliska, G., Padang, R. D. M. D., & Farmakologi, D. 2023. Ototoksitas Akibat Penggunaan Cisplatin dan Pendekatan Otoprotektif untuk Pencegahannya. *Jurnal Otorinolaringologi Kepala dan Leher Indonesia*, 2(1), 1.
- Saremi, F., Sánchez-Quintana, D., Mori, S., Muresian, H., Spicer, D.E., Hassani, C., & Anderson, R.H., 2017. Fibrous Skeleton of The Heart: Anatomic Overview and Evaluation of Pathologic Conditions with CT and MR Imaging. *Radiographics*, 37(5), 1330-1351.
- Sasongko, G.H., Hardianti, A.N., Roshiyana, D.C., Irawan, D.A. & Putrida, S. 2024. Uji Parameter Spesifik Dan Non Spesifik Ekstrak Etanol Herba Meniran (*Phyllanthus niruri* Linn). *Jurnal Farmasi IKIFA*, 3(2), 29-42.
- Schröder, H., Moser, N., & Huggenberger, S., 2020. Rodent Taxonomic and Biological Data. In *Neuroanatomy of the Mouse: An Introduction*. Cham: Springer International Publishing.
- Shields, V.D. & Heinbockel, T. 2019. *Introductory Chapter: Histological Microtechniques*. IntechOpen : United Kingdom.
- Sijuade, A. O. 2016. In Vivo Evaluation of Analgesic Activities of *Phyllanthus niruri* Leaf Methanol Extract in Experimental Animal Models. *Journal of Advances in Medical and Pharmaceutical Science*, 8(3), 1-8.
- Simanihuruk, B.V., Winaya, I.B.O. & Adi, A.A.A.M. 2023. Gambaran Histopatologi Jantung Tikus Putih Dengan Fibrosarcoma Pasca Viroterapi Virus Newcastle Disease Isolat Gianyar-1/AK/2014. *Buletin Veteriner Udayana Volume*, 15(6), 1317-1323.
- Siregar, N., Febriani, H., & Syukriah, S. 2023. Pengaruh Ekstrak Etanol Daun Asam Jawa (*Tamarindus indica* L.) terhadap Jantung Tikus Putih (*Rattus norvegicus* L.) yang Diinduksi Minyak Jelantah. *Jurnal Sains Dan Kesehatan*, 5(2), 90-99.
- Soesanto, I.L. 2021. *Dahsyatnya Meniran Hijau: Gempur Berbagai Penyakit dan sebagai Anti-Virus*. Lily Publisher : Yogyakarta.
- Supardan, A.D., Hutuba, A. H., Safithri, F., Fitriani, R. D., Abdullah, S. S., Junaidin, D. P., Maliza, R., Imrawati, I., Sari, O. M., & Tofrizal, T. 2025. *Perancangan Senyawa Obat Baru*. Eureka Media : Jawa Tengah.

- Suprayitno, E., Tambunan, J.E., & Djamaludin, H. 2025. Profil Kadar Nitric Oxide (NO) dan Patologis Jantung Tikus Wistar Jantan (*Rattus Novergicus*) Hipertensi dengan Pemberian Hidrolisat Kolagen Kulit Ikan Gabus (*Channa striata*). *JFMR (Journal of Fisheries and Marine Research)*, 9(1), 89-100.
- Suprihatin, T., Fazwah, W.M. & Tana, S. 2023. Aterosklerosis pada Tikus Putih (*Rattus norvegicus* L.) yang Diinduksi dengan Insulin Eksogen. *Buletin Anatomi dan Fisiologi*, 8(2), 114-121.
- Suryawinata, A. & Sukohar, A. 2016. Potensi Annonaceous Acetogenins Dari Sirsak (*Annona muricata*) Sebagai Agen Kemoterapi melalui Induksi Apoptosis dan Inhibisi HIF-1. *Majority*, 5(5), 97-101.
- Tambun, R., Limbong, H.P., Pinem, C. & Manurung, E. 2016. Pengaruh Ukuran Partikel, Waktu dan Suhu pada Ekstraksi Fenol dari Lengkuas Merah. *Jurnal Teknik Kimia*, 5(4), 53-56.
- Tchounwou, P. B., Dasari, S., Noubissi, F. K., Ray, P., & Kumar, S. 2021. Advances in Our Understanding of The Molecular Mechanisms of Action of Cisplatin in Cancer Therapy. *Journal of Experimental Pharmacology*, 303-328.
- Topal, İ., Bilgin, A.S.L.I., Cimen, F.E.R.D.A., Kurt, N., Süleyman, Z., Bilgin, Y., Özçiçek, A., & Altuner, D. 2018. The Effect of Rutin on Cisplatin-Induced Oxidative Cardiac Damage in Rats. *Anatolian Journal of Cardiology*, 20(3), 136-142.
- Tortora, G. J. & Derrickson, B. 2017. *Principles of Anatomy and Physiology*. United States of America : Wiley
- Treuting, P. M., Dintzis, S. M., & Montine, K. S. (Eds.). 2017. *Comparative Anatomy and Histology: A Mouse, Rat, and Human Atlas*. United States : Academic Press.
- Ulviena, L. & Hadi, R. S. 2023. The Effect of Honey Fermentation on the Cell Appearance in the Seminiferous Tubule Wall of Rats Induced by Cisplatin. *Junior Medical Journal*, 2(2), 237-243.
- Umoh, N.M., Odey, P.A., Williams, N., Mba, E.E., Anani, S., Oku, M., Odom, E.I., Okon, A. & Ojibima, C.F. 2024. Histomorphological Assessment of Adrenal Glands in Wistar Rats Following Myricetin Treatment Against MNU-Induced Oxidative Stress. *Journal of Complementary and Alternative Medical Research*, 25(12), 110-121.
- Utami, I. A. N., Ciptojoyo, A. A., & Wiadnyana, N. N. 2017. Histopatologi Insang Ikan Patin Siam (*Pangasius hypophthalmus*) yang Terinfestasi *Trematoda monogenea*. *Media Akuakultur*, 12(1), 35-43.

- Van Linthout, S. & Tschöpe, C. 2018. Viral Myocarditis: A Prime Example for Endomyocardial Biopsy-Guided Diagnosis and Therapy. *Current Opinion in Cardiology*, 33(3), 325-333.
- Verma, R., Singh, U.P., Singh, A., & Srivastava, N. 2025. Anti-Inflammatory and Cardiovascular Benefits of *Phyllanthus niruri*: A Phytotherapeutic Perspective. *Int. J. of Pharm. Sci*, 3(7), 218-240.
- Wan, Y., He, B., Zhu, D., Wang, L., Huang, R., Wang, S., Wang, C., Zhang, M., Ma, L. & Gao, F. 2023. Nicorandil Ameliorates Doxorubicin-Induced Cardiotoxicity in Rats, as Evaluated by 7 T Cardiovascular Magnetic Resonance Imaging. *Cardiovascular Drugs And Therapy*, 37(1), 39-51.
- Wati, D. P., Ilyas, S., & Yurnadi, Y. 2024. *Prinsip Dasar Tikus sebagai Model Penelitian*. USU Press : Medan.
- Westaby, J.D., Zullo, E., Bicalho, L.M., Anderson, R.H. & Sheppard, M.N.2023. Effect of Sex, Age and Body Measurements on Heart Weight, Atrial, Ventricular, Valvular and Sub-Epicardial Fat Measurements of The Normal Heart, *Cardiovascular Pathology*, 39. <https://doi.org/10.1016/j.carpath.2022.107508>.
- Whidyastuti, D. 2019. Pengaruh Pemberian Minyak Cincalok Terhadap Bobot Badan dan Indeks Organ Hati, Jantung, Ginjal, Paru-Paru, dan Limpa Tikus Putih Galur Wistar. *Jurnal Mahasiswa Farmasi Fakultas Kedokteran UNTAN*, 4(1), 1-8.
- Widiadnyani, N.K.E. & Sudimartini, L.M. 2024. The Akut Toxicity Testing Lethal Dose Oral Green Meniran Leaf Extract by Using Mice. *Buletin Veteriner Udayana*, 165-181.
- Xia, J., Hu, J. N., Zhang, R. B., Liu, W., Zhang, H., Wang, Z., Jiang, S., Wang, Y. P., & Li, W. 2022. Icariin Exhibits Protective Effects on Cisplatin-Induced Cardiotoxicity via ROS-Mediated Oxidative Stress Injury In Vivo and In Vitro. *Phytomedicine*, 104, 154331.
- Xia, R., Zhu, T., Zhang, Y., He, B., Chen, Y., Wang, L., Zhou, Y., Liao, J., Zheng, J., Li, Y. & Lv, F. 2022. Myocardial Infarction Size as an Independent Predictor of Intramyocardial Haemorrhage in Acute Reperfused Myocardial Ischaemic Rats. *European Journal Of Medical Research*, 27(1), 220.
- Yandriani, R. & Karani, Y. 2018. Patogenesis Hipertrofi Ventrikel Kiri. *Jurnal Kesehatan Andalas*, 7, 159-167.
- Zhu, C., Liu, Z. & Gai, Y. 2025. Phyllanthin from *Phyllanthus amarus* Protects The Myocardium during Pressure Overload-Induced Cardiac Hypertrophy By Inhibiting The Angiotensin-Converting Enzyme. *Investigación Clínica*, 66(1), 63-77.