

DAFTAR PUSTAKA

- Alwi, M. A. (2016). Studi Awal Histoteknik: Fiksasi 2 Minggu pada Gambaran Histologi Organ Ginjal, Hepar, dan Pankreas Tikus Sprague Dawley dengan Pewarnaan *Hematoxylin Eosin*. In Institutuonal Repository UIN Syarif Hidayatullah Jakarta.
- Anindita, R. (2019). Seduhan Daun The Hijau (*Camelia sinensis* L.) Pada Ginjal Mencit yang Diberi Monosodium Glutamat (MSG). *Borneo Journal of Phamascientech*. 3(2): 189-200.
- Ariyanto, H. F., Kasiyati., dan Sitasiwi, A. J. (2025). Histomorfometri Ginjal Tikus Putih (*Rattus norvegicus* L.) Strain *Sprague Dawley* Setelah Pemberian Doksisisiklin dan Ekstrak Etanol Bunga Telang (*Clitoria ternatea* L.). *Jurnal Sain Veteriner*. 43(1): 136-144.
- Arlandi, C. B., Rahmawati, S., Wulan, A. J., dan Susianti. (2023). Uji Toksisitas Akut Oral Ekstrak Biji Kopi Robusta (*Coffea canephora*) Lampung Terhadap Gambaran Histopatologi Ginjal Tikus Putih (*Rattus norvegicus*) Jantan Galur Sprague-Dawley Berdasarkan Guideline Uji OECD No.423. *Medula*. 13(5): 870-877.
- Bacha, W. J., dan Bacha, M. L. (2012). *Color Atlas of Veterinary Histology Third Edition*. Iowa: Wiley-Blackwell.
- Bancroft, J. D., dan Layton, C. (2019). The hematoxylins and eosin. In Suvarna, S. K., Layton, C., dan Bancroft, J. D. (eds). *Bancroft's Theory and Practice of Histological Techniques Eighth Edition*. Oxford: Elsevier. 126-137.
- Bani, R. F. M., Amalo, F. A., dan Selan, Y. N. (2019). Gambaran Anatomi dan Histologi Ginjal dan Vesika Urinaria Pada Musang Luwak (*Paradoxurus hermaphroditus*) di Pulau Timor. *Jurnal Veteriner Nusantara*. 3(1): 74-84.
- Banks, W. J. (1993). *Applied Veterinary Histology*. Missouri: Mosby. 374-389.
- Beatrice, C., Amalo, F. A., Maha, I. T., dan Nitbani, H. (2023). Gambaran Anatomi dan Histologi Ginjal Sapi Sumba Ongole (*Bos indicus*). *Jurnal Veteriner Nusantara*. 6(2): 1-7.
- Beena, V. (2023). Excretory Physiology. In Das, P. K., Sejian, V., Mukherjee, J., Banerjee, D. (eds). *Textbook of Veterinary Physiology*. Singapore: Springer. 213-231.
- BenchChem. 2025. *Acid Orange 56 vs Orange G: A Comparative Guide for Histological Staining*. California: BenchChem. 1-8.
- Beuchat, C. A. (1990). Body size, Medullary Thickness, and Urine Concentrating Ability in Mammals. *American Journal of Physiology-Regulatory Integrative and Comparative Physiology*. 258: 298-308.

- BKSDA (Balai Konservasi Sumber Daya Alam). (2020). Izin Memelihara Satwa Langka. Diakses pada 2 Februari 2026, dari <https://indonesia.go.id/layanan/kependudukan/sosial/izin-memelihara-hewan-langka/>.
- Breed, M. D., dan Moore, J. (2016). *Animal Behavior Second Edition*. California: Elsevier. 372-379.
- Catro, S. (2013). *Sugar Glider Si Hewan Saku yang Unik*. Jakarta Selatan: AgroMedia Pustaka. 10-13.
- Chasen, F. N. (1993). New Flying-Squirrel from Borneo. *Bull the Raffles Museum*. 8: 22-24.
- Cholewam M, W., Szymanowski, K., Andrusiewicz, M., Szczerba, A., Warchol, J. B. (2010). Trichrome Mallory's stain may indicate differential rates of RNA synthesis in eutopic and ectopic endometrium. *Folia Histochemica et Cytobiologica*. 48(1): 148–152.
- Christian, E. B., Chukwuemeka, E. F. (2020). Antidiabetic and Modulatory Effect of Ethanol Extract of Neem Leaf on Some Essential Biochemical Parameters of Streptozotocin-induced Diabetic Rats. *Internaltional Journal of Biochemistry Research and Review*. 28(4): 1-11.
- Delaney, M. A., Kowalewska, J., dan Treuting, P. M. (2018). Urinary System. In Treuting, P. M., Dintzis, S. M., Montine, K. S (eds). *Comparative Anatomy and Histology A Mouse, Rat, and Human Atlas Second Edition*. London: Academic Press.
- Dierenfeld, E. S. (2009). Feeding Behavior and Nutrition of The Sugar Glider (*Petaurus breviceps*). *Veterinary Clinics Exotic Animal Practice*. 12: 209-215.
- Egerton, L., dan Lochman, J. (2009). *Wildlife of Australia*. New South Wales: Allen & Unwin. 11-12.
- El-Hady, E., Behairy, A., Goda, N. A., Abdelbaset-Ismail, A., Ahmed, A. E., Al-Doaiss, A., El-Rahum, I. A., Alshehri, M. A., Aref, M. (2023). Comparative physiological, morphological, histological, and AQP2 immunohistochemical analysis of the Arabian camels (*Camelus dromedarius*) and oxen kidney: Effects of adaptation to arid environments. *Frontiers in Animal Sciences*. 4: 1078159.
- Fahriansyah, F., Isdadiyanto, S., Mardiaty, S. M., dan Sitasiwi, A. J. (2021). Gambaran Histologi Ren Tikus Putih (*Rattus norvegicus* L.) Hiperglikemia Setelah Pembetian Ekstrak Etanol Daun Mimba (*Azadirachta Indica* A. Juss). *Buletin Anatomi dan Fisiologi*. 6(2): 193-197.
- Farhan, S., dan Wibowo, A. (2019). Anatomical and Histological Study of Male Uropoetic Organs of Common Rabbit (*Oryctolagus cuniculus*). *Proceedings of the International Conference on Science and Engineering*. 2: 149-152.

- Gamble, K.C. (2004). Marsupial care and husbandry. *The Veterinary Clinics of North America Exotic Animal Practice*. 7(2): 283-298.
- Ghaffari, M. S., Dezfoulan, O., Oskouizadeh, K., dan Aldavood, S. J. (2009). Metaplasia of the Parietal Layer of Bowman's Capsule in A Cat. *Comparative Clinical Pathology*. 18: 469-471.
- Goldingay, R. L., dan Jackson, M. S (eds). (2004). *The Biology of Australian Possums and Gliders*. New South Wales: Surrey Beatty & Son Pty Limited.
- Hansen, D. E. (1961). The Frequency of Temporarily Inactive Glomeruli in Mice Under Physiologic Condition. *Acta Pathologica et Microbiologica Scandinavica*. 53: 253-259.
- Hardi, Z., Wiryanti, W., Durachim, A., dan Rahmat, M. (2024). Efek penggunaan ulang larutan fiksatif formalin pada kualitas preparat histopatologi dan jumlah limbah yang dihasilkan. *Current Biomedicine*. 2(2): 71-83.
- Herlitz, L. C., Markowitz, G. S. Farriz, A. B., Schwimmer, J. A., Stokes, M. B., Kunis, C., Colvin, R. B., dan D'Agati, V. D. (2010). Development of Volcal Segmental of Glomerulosclerosis After Anabolic Steroid Abuse. *Journal of the American Society of Nephrology*. 21(1): 163-172.
- Highman, B., Wordinger, R. J., dan Schumacher, H. J. (1979). Use of The Periodic Acid Schiff Stain to Grade Retarded Fetal Renal Development in Mice. *Toxicology Letter*. 4: 61-69.
- Himeno, M., Koutoku, H., Ishikawa, T., dan Kato, K. (1989). Acid Phosphatase in Rat Liver Lysosomal Membranes: Purification and Characterization. *The Japanese Biochemical Society*. 105 (3): 449-456.
- Howard, J. (1989). Diet of *Petaurus breviceps* (Marsupialia: *Petauridae*) in a mosaic of coastal woodland and heath. *Australian Mammalogy*. 12: 15-21.
- Jackson, S. (2012). *Gliding Mammals of the World*. Collingwood: CSIRO Publishing. 37-38.
- Jackson, S. M., dan Thorington Jr. R. W. (2012). *Gliding Mammals Taxonomy of Living and Extinct Species*. Washington DC: Smithsonian Institution Scholarly Press. 13-15.
- Johnson, R. and Hemsley, S. (2008) Gliders and possums. In Vogelnest, L., dan Woods, P (eds). *Medicine of Australian Mammals*. Victoria: CSIRO Publishing. 395-431.
- Johnson-Delaney, C. (2010). Marsupials. In Meredith, A., dan Johnson-Delaney, C. (eds). *BSAVA Manual of Exotic Pets Fifth Edition: A Foundation Manual*. Gloucester: British Small Animal Veterinary Association (BSAVA). 103-126.
- König, H. E., Maierl, J., dan Liebich, H. G. (2020). Urinary system (organa urinaria). In König, H. E., dan Liebich, H. G. *Veterinary Anatomy of*

Domestic Animals Textbook and Colour Atlas Seventh Edition. Stuttgart: Thieme. 419-432.

Kubiak, M. (2021). Sugar Glider. In Kubiak M. (ed). *Handbook and Exotic Pet Medicine*. West Sussex: Blackwell. 125-137.

Kyouden, T., Himeno, M., Ishikawa, T., Ohsumi, Y., dan Kato, K. (1992). Purification and Characterization of Dipeptidyl Peptidase IV in rat Liver Lysosomal Membranes. *The Japanese Biochemical Society*. 111: 770-777.

Layton, C. dan Bancroft, J. D., (2019). Carbohydrates. In Suvarna, S. K., Layton, C., dan Bancroft J. D (eds). *Bancroft's Theory and Practice of Histological Techniques Eighth Edition*. Oxford: Elsevier. 176-194.

Lennox, A. M., dan Reavill, D. R. (2019). Disease Overview of the Urinary Tract in Exotic Companion Mammals and Tips on Clinical Management. *Veterinary Clinics of North America Exotic Animal Practice*. 23(1): 169-193

Liebich, H. G. (2019). *Veterinary Histology of Domestic Mammals and Birds*. Stuttgart: 5m Publishing.

Likhithaswamy H.R., Madhushankari, G. S., Selvamani, M., Kumar K. M., Kokila, G., Mahalakshmi, S. (2022). Assessing the quality of long-term stored tissues in formalin and in paraffin-embedded blocks for histopathological analysis. *Journal of Microscopy and Ultrastructure*. 10(1): 23–29.

Lindenmayer, D. (2002). *Gliders of Australia: A Natural History*. New South Wales: University of New South Wales Press. 33-37.

Lintong, P. M., Kairupan, C. F., dan Sondakh, P. L. N. (2012). Gambaran Mikroskopik Ginjal Tikus Wistar (*Rattus norvegicus*) Setelah Diinduksi Dengan Gentamisin. *Jurnal Biomedik*. 4(3): 185-192.

Longley, J. B., dan Fisher, E. R. (1954). Alkaline Phosphatase and the Periodic Acid Schiff Reaction in the Proximal Tubule of the Vertebrate Kidney. *The Anatomical Record*. 120(1): 1-21.

Maharani, D., Bahri, S., dan Suhardi. (2022). Rancangan Bangun Pengolah Pakan Otomatis Sugar Glider Berbasis Internet of Things. *Coding Jurnal Komputer dan Aplikasi*. 10(1): 146-157.

McDermott, C. T. (2024). Sugar Glider Pediatrics. In DiGeronimo, M. P., Brandao, J. L (eds). *Veterinary Clinics of North America: Exotic Animal Practice*. Pennsylvania: Elsevier. 27-32

Muhamad, K. Y., dan Kusumaningtyas, P. (2013). *Hewan Kesayangan Mini & Eksotis*. Jakarta Timur: Penebar Swadaya. 129-130.

Muhammad, M. G., dan Thamer, I. K. (2025). Histological Study of The Kidney of The White Rat at Different Ages Using Electron Microscopy. *The Review of Diabetic Study*, 21(29): 104-111.

- Muthiawati, S., Wiryanti, W., Durachim, A., Sundara, Y. (2023). Otimasi waktu dan suhu fiksasi spesimen terhadap kualitas preparat jaringan. *Jurnal Kesehatan Siliwangi*. 4(1): 479–484.
- Ness R. D., dan Johnson-Delaney, C. A. (2004). Sugar Glider. In Quesenberry, K.E., Carpenter, J. W. (eds). *Ferrets, Rabbits, and Rodents Clinical Medicine and Surgery Second Edition*. St. Louis: Elsevier. 385-399.
- Nessa. (2025). Pengaruh Pemberian Ekstrak Etanol Rambut Jagung (*Zea mays*) Terhadap Gangguan Fungsi Ginjal Tikus Putih Jantan. *Jurnal Akademi Farmasi Pyayoga*. 10(1): 34-41.
- Pal, G. K., Pal, P., dan Nanda, N. (2017). *Comprehensive Textbooks of Medical Physiology Volume One*. New Delhi: Jaypee Brothers Medical Publishers. 657-682.
- Parrish, J. John., Susko-Parrish, dan Joan, L. (2022). *Encyclopedia of Animal Cognition and Behavior*. Wisconsin: Springer Nature. 126-137.
- Pasca, P. M., Pasca, S. A., dan Solcan, G. (2025). Current Data Regarding the ethipathogenesis of Glomerular and Tubular Disorders Associated with Kidney Diseases in Small Animals: A Review. *Rev Rom Med Vet*. 35(1): 156-162.
- Price, S. A., dan Wilson, L. M. (1995). *Patofisiologi: Konsep Klinis Proses-Proses Penyakit Edisi 4*. Jakarta: EGC. 288-292.
- Putra, I. K. P., Heryani, L. G. S. S., Setiasih, N. L. E. (2020). Morfologi Ginjal Anjing Kintamani Betina. *Buletin Veteriner Udayana*. 12(2): 115-122.
- Putri, R. D., dan Sofyanita, E. N. (2023). Perbedaan Hasil Pewarnaan Hematoxylin Eosin (HE) Pada Histologi Kolon Mencit (*Mus musculus*) Berdasarkan Ketebalan Pemotongan Mikrotom 3, 6, dan 9 μm . *Jurnal Labora Medika*. 7: 31-38.
- Rao, S. P., Kava, S., Yerramili, A., dan Mamidi, A. (2011). Free Radicals and Tissue Damage: Role of Antioxidants. *Free Radicals and Antioxidants Journal*. 1(4).
- Reece, W. O., dan Rowe, E. W. (2017). *Functional Anatomy and Physiology of Domestic Animals Fifth Edition*. Iowa: Wiley Blackwell. 298-331.
- Rishikesh, M., Kirath, K., Punit, K. (2018). Anatomical and Physiological Similarities of Kidney in Different Experimental Animals. *J. Clin. Experimental Nephrol*. 3(2): 1-6.
- Rudiyant. (2023). *Ensiklopedia Sugar Glider*. Cinangka: Lembar Langit Indonesia. 20-25.
- Salas. L., Dickman, C., Helgen, K., Winter, J., Ellis, M. Denny, M., Woinarski, J., Lunney, D., Oakwood, M., Menkhorst, P., dan Strahan, R. (2016). *Petaurus*

- breviceps*. *The IUCN Red List of Threatened Species* 2016: e.T16731A21959798.
- Salinas, E. M., Ramírez, L. I. M., Ortuño, L. E. G., Díaz, A. C. N., dan González, L. A. C. (2008). Glomerulocystic Kidney Disease in Two Dogs with Renal Failure. *Veterinaria México*. 39(1): 97-108.
- Shariff, S., dan Kaler, A. K. (2016). *Principles and Interpretation of Laboratory Practices in Surgical Pathology*. New Delhi: Jaypee Brothers Medical Publishers. 88-115.
- Shyamasundari, K., dan Rao, K. H. 2007. *Histochemistry in Focus: A Sourcebook of Techniques and Research Needs*. Chennai: MJP Publishers. 509-511.
- Smith, M. J. (1973). *Mammalian Species: Petaurus breviceps*. The American Society of Mammalogists. 30: 1-5.
- Sobie, J. L. (2010). Sugar gliders. In Tynes, V. V (ed). *Behavior of Exotic Pets*. West Sussex: Blackwell. 181-189.
- Sperber, I. (1994). Studies on the Mammalian Kidney. *Zoologiska bidrag från Uppsala*. 22: 249-432.
- Subagyo, A. (2021). Studi Kelayakan Bisnis Dalam Membudidayakan Sugar Glider di Wilayah Kota Bogor. *Economics Learning Experience & Social Education Journal*. 1(2): 86-92.
- Tokhirovna, E. G. (2025). The Structural Differences Between the Histological Layers of the Kidney and their Alterations Under Pathological Conditions. *International Journal of Integrative and Modern Medicine*. 3(10): 216-221.
- Trautmann, A., dan Fiebiger, J. (1957). *Fundamental of the Histology of the Domestic Animals*. New York: Comstock Publishing Associates.
- Ukratalo, A. M., Nindatu M., Tuarita, N. A., Kalily, N. A. P. S. B. (2023). Gambaran Histopatologi Ginjal Mencit (*Mus musculus*) Terinfeksi *Plasmodium berghei* Setelah Diberi Ekstrak Metanol Kulit Batang *Alstonia scholaris*. *Biofaal Journal*. 4(1): 49-57.
- Verlander, J. W. (2006). Urinary System. In Eurell, J, A., Frappier, B. L (eds). *Dellmann's Textbook of Veterinary Histology Sixth Edition*. Iowa: Blackwell. 212-232.
- Verlander, J. W. (2007). Renal Physiology. In Klein, B. G., dan Cunningham, B. G. (eds.). *Textbook of Veterinary Physiology Fourth Edition*. Missouri: Saunders Elsevier. 528-536.
- Wardah, K., Safitri, M., Pratama, G. I., Gantina, P. (2024). Keanekaragaman Mamalia Arboreal di Blok Hutan Cinakimun Resort PTN Tapos Taman Nasional Gunung Gede Pangrango. In Seminar Nasional Biologi: Inovasi Penelitian dan Pembelajaran Biologi. 8(IP2B VIII), 208-214.

- Waterhouse, G.R. (1841). *The Natural History of Marsupialia or Pouched Animals*. Edinburgh: W.H. Lizars. 282-293.
- Watson, M. K. (2016). Reproductive System. In Mitchell, M., Tully, T. N. (eds). *Current Therapy in Exotic Pet Practice*. Missouri: Elsevier. 460-493.
- Wibowo, T., Maulani, Y. (2024). Perbedaan Hasil Pewarnaan *Hematoxylin-Eosin* Preparat Limfonodi Pada Proses Clearing Menggunakan Xylol dan Minyak Zaitun. *Plenary Health Jurnal Kesehatan Paripurna*. 1(3): 197-201.
- Widyaningsih, A., Sitasiwi, A. J., Mardiaty, S. M. (2018). Respon Glomerulus Ren Mencit (*Mus musculus* L.) terhadap Pemberian Senyawa Antifertilitas dari Ekstrak Air Biji Pepaya (*Carica papaya* L.). *Buletin Anatomi dan Fisiologi*. 3(2): 233-241.
- Xie, R., Chung, J. Y., Ylaya, K., Williams, R.L., Guerrero, N., Nakatsuka, N., Hewitt, S. M. (2011). Factors influencing the degradation of archival formalin-fixed paraffin-embedded tissue sections. *Journal of Histochemistry & Cytochemistry*. 59(4): 356–365
- Yabuki, A., Suzuki, S., Matsumoto, M., Kurohmaru, M., Hayashi Y., Nishinakagawa, H. (2001). Staining Pattern of the Brush Border and Detection of Cytoplasmic Granules in the Uriniferous Tubules of Female DBA/2Cr Mouse Kidney: Comparison among Various Fixations and Stains. *Journal of Veterinary Medical Sciences*. 63(12): 1342-1342.
- Yadava, R. P., dan Calhoun, L. M. (1958). Comparative Histology of the Kidney of Domestic Animals. *American Journal of Veterinary Research*. 19: 958.
- Yoon, H. Y., dan Santamarina, E. (1979). Hypolastic Renal Corpuscle in the Dog. *Toxicologic Pathology*. 7(2).
- Yousif, R. R., Rabee, F. O. (2019). Anatomical and Histological Study of Kidney, Ureter, and Urinary Bladder in Male Guinea Pig (*Cavia porcellus*). *The Iraqi Journal of Veterinary Medicine*. 43(1): 75-84.
- Zainuddin., Syahputri, F. O., Aisyah, S., Iskandar, C. D., Rahmi, E., dan Riandi, L. V. (2022). Gambaran Histologi dan Histomorfometri Ginjal Kalkun (*Melagris gallopavo*) Pada Tingkatan Umur Berbeda. *Jurnal Ilmiah Mahasiswa Veteriner*. 7(1).