

# BULETIN VETERINER UDAYANA



- Milk quality of etawa breeding goats seen from california mastitis test, alcohol test, reductase test, and boiling test in Raka Etawa farming
- Level of biosecurity implementation in closed house broiler chicken farms in Susut District, Bangli Regency, Bali
- Histopathological of white rats' kidney caused byapplication of mimosin from simplisia of the leucaena leaf
- Coccidiosis in broiler chicken aged 26 days from a farm in Banjarangkan, Klungkung, Bali
- Dog demography in rabies control efforts in Banjar Sibang and Banjar Brahmana, Sangeh Village, Badung Bali
- Total and differentials leukocyte of broiler slaughtered at a chicken slaughterhouse in Jimbaran Bali
- Widystuti SK, Mufa RMD. 2024. Urine urinalysis of etawa breed goats in Sukawati District, Gianyar Regency
- Prevalence and intensity of gastrointestinal protozoan infection in balinese cattle calves at Beringkit animal market, Badung Regency
- Prevalence of gastrointestinal nematodes infection in Bali cattle calves at Beringkit animal market Badung Regency
- Contamination Salmonella spp. in broiler chicken meat sold in the badung market during the transitional season period
- Variations of coliform bacteria isolated from Bali cattle calves feces, marketed at Beringkit animal market
- Contamination Escherichia coli in broiler chicken meat sold at Badung market, Denpasar, Bali during the transition season
- Implementation of animal welfare practices among layer farmers in Puhu and Pering Villages in Gianyar Regency
- Prevalence of Escherichia coli, coliform and non-coliform bacteria in mud buffalo in Ranggagata and Serage Villages, Southwest Praya Subdistrict, District of Central Lombok, West Nusa Tenggara
- Overview of the application of animal welfare in bali cattle farms in the highlands and lowlands in Gianyar Regency of Bali
- Yeast population of Saccharomyces cerevisiae in the feces of young and adult etawa crossbreed goats in Sukawati District, Gianyar Regency
- Implementation of animal welfare in bali cattle farms in Sebatu and Taro Village, Gianyar, Bali
- Haematological profile of laying hens after Newcastle Disease vaccination
- Level of knowledge and implementation of cattle barn biosecurity related to prevention of foot and mouth disease in Gianyar, Bali
- Anatomical structure and morphometry of the lungs of bali ducks in the grower phase
- Bat-borne zoonotic virus: a literature review
- The effect of mimosine from simplisia of the lamtoro leaf on the histopathological of white rats' testis
- FSH hormone levels in Bali cattle with repeated mating in Sobangan Village, Mengwi Subdistrict, Badung Regency, Bali
- Escherichia coli contamination on imported frozen buffalo meat sold at Aikmel Traditional Market, Aikmel District, East Lombok District, West Nusa Tenggara Province
- The effect of turmeric on reducing dysmenorrhea in adolescent girls: Systematic review

**Publikasi Ilmiah Ini Diterbitkan  
Enam Kali Setahun Setiap Bulan Pebruari,  
April, Juni, Agustus, Oktober dan Desember  
Yang Bekerjasama Antara**



**Fakultas Kedokteran Hewan  
Universitas Udayana**



**Asosiasi Dokter Hewan Praktisi  
Hewan Kecil Indonesia (ADPHKI)**



**Persatuan Dokter Hewan Indonesia (PDHI)  
Cabang Bali**



**Jakarta Animal Aid Network**

## BULETIN VETERINER UDAYANA



Fotografer: Hardi Bakti

**Orang utan atau mawas** adalah kera besar yang berasal dari hutan hujan Indonesia dan Malaysia. Sekarang hewan ini hanya ditemukan di sebagian Kalimantan dan Sumatra, tetapi selama era Pleistosen, mereka tersebar di seluruh Asia Tenggara dan Tiongkok Selatan. Orang utan adalah kera besar yang paling arboreal karena mereka menghabiskan sebagian besar waktu mereka di pohon. Orang utan memiliki kaki yang relatif pendek dibandingkan lengannya yang relatif panjang dan memiliki rambut cokelat kemerahan yang menutupi tubuh mereka. Orang utan jantan dewasa memiliki berat sekitar 75 kg, sedangkan betina mencapai sekitar 37 kg. Orang utan termasuk primata yang paling cerdas. Mereka menggunakan berbagai peralatan rumit dan membangun sarang tidur yang kompleks setiap malam dari ranting-ranting dan dedaunan. Ketiga spesies orang utan ditempatkan dalam kategori terancam kritis. Aktivitas manusia sangat mengurangi populasi dan sebaran mereka. Ancaman terhadap populasi orang utan liar meliputi perburuan liar (untuk dikonsumsi dagingnya dan sebagai tindakan balas dendam karena mereka memakan tanaman), perusakan habitat dan deforestasi (untuk penanaman kelapa sawit dan penebangan hutan), serta perdagangan hewan peliharaan ilegal. Sejumlah organisasi konservasi dan rehabilitasi telah didedikasikan untuk menjaga kelangsungan hidup orang utan di alam liar.

### Susunan Redaksi:

Penanggung Jawab: Dekan Fakultas Kedokteran Hewan Universitas Udayana. Ketua Redaksi: Kadek Karang Agustina, Redaktur: I Nengah Kerta Besung, dan Ni Ketut Suwiti. Penyunting/Editor: Elisabet Tangkonda, Putu Eka Sudaryatma, Bodhi Agustono, Alípio de Almeida, Putu Agus Kertawirawan, Fedri Rell, Risha Carta Pradhany, Rasdiyanah, dan Baso Yusuf. Design Grafis: I Wayan Kayun Wardana. Fotografer: Deny Hatief, Hardi Bakti Sekretariat: Fakultas Kedokteran Hewan Universitas Udayana. Jl. PB Sudirman Denpasar Telp. (0361) 223791. Email: [bulvet@unud.ac.id](mailto:bulvet@unud.ac.id), Website: <http://www.ojs.unud.ac.id/index.php/buletinvet>.

**Naskah yang dikirim ke redaksi Buletin Veteriner Udayana tidak diperkenankan dipublikasikan lagi secara keseluruhan atau sebagian tanpa seijin Buletin Veteriner Udayana**

## DAFTAR ISI

### Buletin Veteriner Udayana

### Vol. 16 No. 1, 2 & 3 Bulan Pebruari, April & Juni Tahun 2024

Naskah asli  
Original article

Pratama KFAD, Suartha IN, Berata IK, Sudimartini LM. 2024. Growth of collagen and fibroblast network in dogs with dermatitis post coenzyme treatment. *Bul. Vet. Udayana.* 16(1): 1-8. DOI: <https://doi.org/10.24843/bvu.v16i1.32>

Pasek IMA, Tenaya IWM, Sukada IM. 2024. Knowledge, attitudes and behavior of dog owners towards rabies in Banjar Selat tengah, Selat village, Bangli regency. *Bul. Vet. Udayana.* 16(1): 9-21. DOI: <https://doi.org/10.24843/bvu.v16i1.33>

Sugiarto MND, Setiasih NLE, Heryani LGSS, Suatha IK, Susari NNW, Soma IG. 2024. Histomorphometry of bali ducks at different ages. *Bul. Vet. Udayana.* 16(1): 22-28. DOI: <https://doi.org/10.24843/bvu.v16i1.34>

Meidiana MS, Ardana IBK, Dharmayudha AAGO, Merdana IM, Sudimartini LM, Kristina, Laiman H, Babikian YH. The effect of natural guard administration in drinking water on nd-antibody titers in broilers. 2024. *Bul. Vet. Udayana.* 16(1): 29-37. DOI: <https://doi.org/10.24843/bvu.v16i1.49>

Negara AAIP, Sukada IM, Mufa RMD. 2024. Community level of knowledge on the risk factors of toxoplasmosis in Siliragung Village Siliragung District Banyuwangi Regency. *Bul. Vet. Udayana.* 16(1): 38-53. DOI: <https://doi.org/10.24843/bvu.v16i1.50>

Puspasari GAPR, Oka IBM, Dwinata IM. 2024. Prevalence and identification of ectoparasites lice in domestic chicken in Bali. *Bul. Vet. Udayana.* 16(1): 54-63. DOI: <https://doi.org/10.24843/bvu.v16i1.51>

Wiadnyani KA, Dharmayudha AAGO, Sudimartini LM, Merdana IM. 2024. Identification of chemical compounds ethanol extract leaf mimosa that grows in Denpasar city. *Bul. Vet. Udayana.* 16(1): 64-72. DOI: <https://doi.org/10.24843/bvu.v16i1.58>

Limarta KJ, Sudimartini LM, Dharmayudha AAGO. 2024. Microbial contamination test of mimosa leaves simplicial. *Bul. Vet. Udayana.* 16(1): 73-81. DOI: <https://doi.org/10.24843/bvu.v16i1.59>

Tandisalla HK, Oka IBM, Dwinata IM. 2024. Prevalence of ectoparasite tick and mite infestation on domestic chicken in Bali. *Bul. Vet. Udayana.* 16(1): 82-90. DOI: <https://doi.org/10.24843/bvu.v16i1.60>

Dewi AASS, Suada IK, Sukada IM. 2024. Quality of balinese beef produced by pesanggaran slaughterhouse with abiansemal village abattoirs. *Bul. Vet. Udayana.* 16(1): 91-100. DOI: <https://doi.org/10.24843/bvu.v16i1.61>

Ma'arif MFA, Jayanti PD, Soma IG. 2024. Ehrlichiosis and demodicosis in bali local dog. *Bul. Vet. Udayana.* 16(1): 101-112. DOI: <https://doi.org/10.24843/bvu.v16i1.62>

Mahaputra IGNPK, Tenaya IWM, Sukada IM. 2024. Community knowledge, attitude, and behavior towards rabies in Banjar Batusari, Sangeh Village, Abiansemal District, Badung Regency. *Bul. Vet. Udayana.* 16(1): 113-122. DOI: <https://doi.org/10.24843/bvu.v16i1.63>

Pramartha KHW, Sudimartini LM, Dharmayudha AAGO, Widiadnyani NKE. 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% chlorhexidine digluconate as root canal medicament paste. *Bul. Vet. Udayana.* 16(1): 123-130. DOI: <https://doi.org/10.24843/bvu.v16i1.64>

Shidiq MA, Ardana IBK, Sumadi IK, Merdana IM, Sudimartini LM, Kristina, Laiman H, Babikian YH. 2024. The effect of giving natural guard essential oil in drinking water on blood urea nitrogen levels, creatinine, and aminotransferase in broilers. *Bul. Vet. Udayana.* 16(1): 131-138. DOI: <https://doi.org/10.24843/bvu.v16i1.66>

Sanches MFSD, Dwinata IM, Oka IBM. 2024. *Musca spp.* flies infestation on a pig farm in the city of Denpasar. *Bul. Vet. Udayana.* 16(1): 139-146. DOI: <https://doi.org/10.24843/bvu.v16i1.67>

Naro AL, Suratma NA, Widjastuti SK. 2024. Identification and prevalence of gastrointestinal parasitic worms in king cobras in Bali. *Bul. Vet. Udayana.* 16(1): 147-156. DOI: <https://doi.org/10.24843/bvu.v16i1.69>

Putri RMN, Adnyana IBW, Kendran AAS. 2024. Comparison of manual and automatic methods in determination of hematocrit and hemoglobin levels in green sea turtle. *Bul. Vet. Udayana.* 16(1): 157-164. DOI: <https://doi.org/10.24843/bvu.v16i1.70>

Widiadnyani NKE, Sudimartini LM. 2024. The akut toxicity testing lethal dose oral green meniran leaf extract by using mice. *Bul. Vet. Udayana.* 16(1): 165-181. DOI: <https://doi.org/10.24843/bvu.v16i1.71>

Fauzan A, Suratma NA, Widjastuti SK. 2024. Identification of blood and gastrointestinal parasites in K-9 dogs at the Republic of Indonesia State Police of Malang City Resort. *Bul. Vet. Udayana.* 16(1): 182-190. DOI: <https://doi.org/10.24843/bvu.v16i1.74>

Hijayani DMN, Berata IK, Susari NNW. 2024. Histopathological changes of white rats' skin caused by application of mimosin from simplisia of the lamtoro leaf. *Bul. Vet. Udayana* 16(1): 191-200. DOI: <https://doi.org/10.24843/bvu.v16i1.75>

Aprianti A, Juniarti L, Apada AMS, Alwi MD, Kholilullah ZA, Mustakdir Z, Rell F. 2024. Detection and identification of nematode worm eggs in laying hens at Hasna Farm, Wajo Regency and Andi Mukti Farm, Pinrang Regency, South Sulawesi. *Bul. Vet. Udayana.* 16(1): 201-207 DOI: <https://doi.org/10.24843/bvu.v16i1.76>

Mahendra IGAB, Tenaya IWM, Mufa RMD. 2024. Community Knowledge and Attitude to Rabies in The Banjar Pekandelan, Bedulu Village, Blahbatuh District, Gianyar Regency. *Bul. Vet. Udayana.* 16(1): 208-217. DOI: <https://doi.org/10.24843/bvu.v16i1.85>

Anggreni LD, Dewi NMK, Mahardika IGNK, Putra IGNN. 2024. Optimisation Of Primer Concentration and Annealing Temperature in Pcr Test Method for African Swine Fever Virus Detection. *Bul. Vet. Udayana.* 16(1): 218-224. DOI: <https://doi.org/10.24843/bvu.v16i1.88>

Sarungallo YPM, Suartha IN, Widiastuti SK. 2024. The Effect of Using Sulfur Soap on The Effectiveness of Handling Demodicosis Cases In Kintamani Cross-Breed Dog: Case Report. *Bul. Vet. Udayana.* 16(1): 225-232. DOI: <https://doi.org/10.24843/bvu.v16i1.94>

Sari PN, Saragih AHB, Pasaribu AB, Lestari FB. 2024. Canine Parvovirus Infection in Dogs: Pathogenesis, Clinical Symptoms, Diagnosis, Prevalence, Therapy, And Vaccination. *Bul. Vet. Udayana.* 16(1): 233-242. DOI: <https://doi.org/10.24843/bvu.v16i1.32>

Suarjana IGK, Gelgel KTP, Besung INK, Mahatmi H, Sudipa PH. 2024. Characteristics of Ph And Number of Microbes In The Reticulum, Omasum And Abomasum Of Bali Cattle. *Bul. Vet. Udayana.* 16(1): 243-249. DOI: <https://doi.org/10.24843/bvu.v16i1.111>

Pyo PO, Mahatmi H, Tenaya IWM, Sanjaya IGP. 2024. Escherichia coli resistance causes colibacillosis to antibiotics in pig farms in Alok District Sikka Regency NTT. *Bul. Vet. Udayana.* 16(1): 250-261. DOI: <https://doi.org/10.24843/bvu.v16i1.112>

Widyaputri T, Apriliani BS, Noviatri A, Ricadonna. 2024. Analysis of feline aortic thromboembolism cases: a literature review from 2014 to 2023. *Bul. Vet. Udayana.* 16(1): 262-274. DOI: <https://doi.org/10.24843/bvu.v16i1.113>

Pangaribuan VE, Apsari IAP, Sulabda IN, Mufa RMD. 2024. Identification and prevalences parasite nematode on etawa crossbreed goat in Sukawati Subdistrict, Gianyar Regency. *Bul. Vet. Udayana.* 16(1): 275-283. DOI: <https://doi.org/10.24843/bvu.v16i1.114>

Triana AA, Sopiah P, Rosyda R. 2024. The effectiveness of giving dates against increased hemoglobin levels in anemic adolescent girl: Systematic review. *Bul. Vet. Udayana.* 16(1): 284-293. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i01.p115>

Dewi NMP, Astuti NKE, Wirata IN, Suarniti NW, Cintari L, Purnamayanti NMD. 2024. Primary prevention of cervical cancer with video media for posyandu cadres. *Bul. Vet. Udayana.* 16(1): 294-300. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i01.p116>

Agustina KK. 2024. Systematic review: Zoonosis associated with mouse and rat. *Bul. Vet. Udayana.* 16(1): 301-312. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i01.p136>

Pradipta IPIM, Jayanti PD, Soma IG, Gunawan IWNF. 2024. Management of megacolon cases in cats with the addition of yellow pumpkin to their feed: a case report. *Bul. Vet. Udayana.* 16(2): 313-322. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p01>

Pitaloka NMWR, Suada IK, Swacita IBN. 2024. The relationship between biosecurity implementation and morbidity and mortality in pigs in Payangan District, Gianyar Bali. *Bul. Vet. Udayana.* 16(2): 323-328. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p02>

Suastami NMA, Berata IK, Setiasih NLE, Samsuri, Sudimartini NLM, Suatha IK. 2024. Histopathological picture of white rats heart post application of mimosin from simplisia lamtoro leaf. *Bul. Vet. Udayana.* 16(2): 329-336. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p03>

Dominika K, Arjentinia IPGY, Suartha IN. 2024. Cat flu treatment due to calici virus and herpes virus infection in mixed domestic cats. *Bul. Vet. Udayana.* 16(2): 337-348. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p04>

Brahmantika IMA, Tenaya IWM, Suartini IGAA, Mufa RMD. 2024. The knowledge level of farmers of biosecurity post of foot and mouth disease epidemic in Medahan Village, Blahbatuh District, Gianyar, Bali. *Bul. Vet. Udayana.* 16(2): 349-358. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p05>

Pranadinata IGG, Wirata IW, Pemayun IGAGP. 2024. Treatment of inguinal hernia in a mixed breed dog: a case report. *Bul. Vet. Udayana.* 16(2): 359-369. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p06>

Gayanti ANS, Mahardika IGNK, Winaya IBO, Suarjana IK, Apsari IAP. 2024. Case of avian influenza in broiler chicken at Jatiluwih Village. *Bul. Vet. Udayana.* 16(2): 370-387 DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p07>

Ashley, Besung INK, Suarjana IGK. 2024. Sensitivity of Escherichia coli bacteria against antibiotic trimethoprim-sulfamethoxazole, kanamycin, and enrofloxacin on layer chicken from chicken farm in Penebel, Tabanan, Bali. *Bul. Vet. Udayana.* 16(2): 388-396. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p08>

Wulandari CD, Kendran AAS, Mufa RMD. 2024. The leukocyte profile of etawa breed goats suffering from subclinical mastitis in Sukawati District, Gianyar Bali. *Bul. Vet. Udayana.* 16(2): 397-402. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p09>

Pramita IDAD, Apsari IAP, Oka IBM, Mufa RMD. 2024. The prevalence and intensity of eimeria spp infection in etawah crossbreed goat in Sukawati Sub-District, Gianyar Bali. *Bul. Vet. Udayana.* 16(2): 403-411. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p10>

Prayoga IKAS, Setiasih NLE, Heryani LGSS, Suwiti NK, Susari NNW, Suatha IK. 2024. Histomorphometry of the superficial pectoralis muscular and cranial tibialis muscular of bali ducks in the growth phase. *Bul. Vet. Udayana.* 16(2): 412-421. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p11>

Pratama IGAP, Setiasih NLE, Widyastuti SK, Suwiti NK, Susari NNW, Suatha IK. 2024. Structure and morphometry of bali duck pancreas in the grower phase. *Bul. Vet. Udayana.* 16(2): 422-431. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p12>

Pandjukang RP, Apsari IAP<sup>2</sup>, Wardhana AH, Dharmawan NS. 2024. Seroprevalence dan risk factors of surra incident in horses and cattles in East Sumba District. *Bul. Vet. Udayana.* 16(2): 432-442. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p13>

Adiguna MR, Hudaya AP, Inriyana R. 2024. Systematic review: Comparison of cucumber juice with tomato juice in the effectiveness of blood pressure reduction in patients with hypertension. *Bul. Vet. Udayana.* 16(2): 443-454. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p14>

Widiawati C, Suardana IBK, Kencana GAY, Setiasih NLE, Nindhia TS, Kendran AAS. 2024. Potential of meniran leaf extract on newcastle disease antibody titer in broilers. *Bul. Vet. Udayana.* 16(2): 455-464. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p15>

Suparmin Y, Pradhany RC, Zakariya F. 2024. The causative factor detection and identification of *Boophilus* sp. Infestation in bali cattle in Barru Regency, South Sulawesi. *Bul. Vet. Udayana.* 16(2): 465-472. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p16>

Adiari NMSR, Setiasih NLE<sup>2</sup>, Sampurna IP, Suwiti NK, Susari NNW, Suatha IK. 2024. A structure and histomorphometry of bali duck testes in the grower phase. *Bul. Vet. Udayana.* 16(2): 473-483. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p17>

Prastistha LGTP, Berata IK, Dharmawan NS, Susari NNW, Setiasih NLE, Sudimartini LM. 2024. Histopathology of white rat spleen induced by the application of mimosin from leucaena leaf simplisia. *Bul. Vet. Udayana.* 16(2): 484-492. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p18>

Dewi NKK, Kencana GAY, Suardana IBK. 2024. Shedding detection of newcastle disease virus vaccine in laying hens post-vaccination. *Bul. Vet. Udayana.* 16(2): 493-500. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p19>

Pasaribu DMI, Setiasih NLE, Heryani LGSS, Berata IK, Susari NNW, Suatha IK. 2024. Histomorphometry of the dexter ventricle of local bali ducks at growth phase. *Bul. Vet. Udayana.* 16(2): 501-512. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p20>

Vonny NK, Suada IK, Tenaya IWM. 2024. Disinfectant application levels in cowshed for preventing of foot and mouth diseases in Gianyar. *Bul. Vet. Udayana.* 16(2): 513-519. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p21>

Suryadhi F, Suada IK, Wandia IN. 2024. Relationship the level of knowledge and attitude with the practices of pig farmers against the application of biosecurities in Payangan District, Gianyar Bali. *Bul. Vet. Udayana.* 16(2): 520-527. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p22>

Wirawan IMA, Besung INK, Gelgel KTP. 2024. Resistance of *escherichia coli* to antibiotics streptomycin, kanamycin, and ampicillin in broiler in Penebel District, Tabanan Bali. *Bul. Vet. Udayana.* 16(2): 528-536. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p23>

Benedicta AI, Suwiti NK, Susari NNW, Setiasih NLE, Suatha IK, Kendran AAS. 2024. Histomorphometric features dan percentage of neutrophils and basophils in bali cattle based on conventional system. *Bul. Vet. Udayana.* 16(2): 537-546. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p24>

Ksatriya IGNJA, Suwiti NK, Kendran AAS, Setiasih NLE, Suatha IK, Susari NNW. 2024. Histomorphometri of white blood cells of Bali ducks using histochemical methods. *Bul. Vet. Udayana.* 16(2): 547-557. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p25>

Susari NNW, Wandia IN, Suatha IK, Heryani LGSS. 2024. Evaluation of preserved organs of plastination with the dehydration phase at room temperature. *Bul. Vet. Udayana.* 16(2): 558-565. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p26>

- Bahtiar TH, Suwiti NK, Suatha IK. 2024. Histomorphometry of eosinophils and erythrocytes of conventionally reared bali cattle. *Bul. Vet. Udayana.* 16(2): 566-575. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p27>
- Dewi NPJR, Agustina KK, Mufa RMD. 2024. Implementation of animal welfare on pig farms in Sebatu and Taro Village, Tegallalang District, Gianyar Bali. *Bul. Vet. Udayana.* 16(2): 576-589. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p28>
- Aribawa INBT, Agustina KK, Trilaksana IGNB. 2024. The implementation of animal welfare standards on pig farms in the highlands and lowland area in Gianyar Bali. *Bul. Vet. Udayana.* 16(2): 590-602. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p29>
- Mr JA, Suada IK, Mufa RMD. 2024. The level of implementation of cattle farm biosecurity system related to prevention of foot and mouth disease in Gianyar Regency of Bali. *Bul. Vet. Udayana.* 16(2): 603-619. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i02.p30>
- Ndoy MUT, Suardana IW, Mufa RMD. 2024. Milk quality of etawa breeding goats seen from califonia mastitis test, alcohol test, reductase test, and boiling test in Raka Etawa farming. *Bul. Vet. Udayana.* 16(3): 620-631. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i03.p01>
- Utami LPMS, Suada IK, Suratma NA. 2024. Level of biosecurity implementation in closed house broiler chicken farms in Susut District, Bangli Regency, Bali. *Bul. Vet. Udayana.* 16(3): 632-643. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i03.p02>
- Anugrahaeni GAAAP, Berata IK, Oka IBM, Susari NNW, Setiasih NLE, Sudimartini LM. 2024. Histopathological of white rats' kidney caused byapplication of mimosin from simplisia of the leucaena leaf. *Bul. Vet. Udayana.* 16(3): 644-653. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i03.p03>
- Nareswari LPSP, Suratma NA, Berata IK, Sudipa PH, Suardana IBK. 2024. Coccidiosis in broiler chicken aged 26 days from a farm in Banjarangkan, Klungkung, Bali. *Bul. Vet. Udayana.* 16(3): 654-665. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i03.p04>
- Wandira IMDK, Tenaya IWM, Sulabda IN. 2024. Dog demography in rabies control efforts in Banjar Sibang and Banjar Brahmana, Sangeh Village, Badung Bali. *Bul. Vet. Udayana.* 16(3): 666-678. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i03.p05>
- Tay VX, Dharmawan NS, Suartha IN, Damriyasa IM, Kendran AAS, Sulabda IN. 2024. Total and differentials leukocyte of broiler slaughtered at a chicken slaughterhouse in Jimbaran Bali. *Bul. Vet. Udayana.* 16(3): 679-690. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i03.p06>
- Safitri GPA, Kendran AAS, Heryani LGSS, Ardana IBK, Suarsana IN, Widayastuti SK, Mufa RMD. 2024. Urine urinalysis of etawa breed goats in Sukawati District, Gianyar Regency. *Bul. Vet. Udayana.* 16(3): 691-702. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i03.p07>
- Ramdani I, Suratma NA, Widayastuti SK. 2024. Prevalence and intensity of gastrointestinal protozoan infection in balinese cattle calves at Beringkit animal market, Badung Regency. *Bul. Vet. Udayana.* 16(3): 703-710. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i03.p08>
- Jayanthi MM, Suratma NA, Dwinata IM. 2024. Prevalence of gastrointestinal nematodes infection in Bali cattle calves at Beringkit animal market Badung Regency. *Bul. Vet. Udayana.* 16(3): 711-718. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p09>
- Azis ND, Mahatmi H, Suardana IW, Sanjaya GP. 2024. Contamination *Salmonella* spp. in broiler chicken meat sold in the badung market during the transitional season period. *Bul. Vet. Udayana.* 16(3): 719-726. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p10>
- Bako ES, Mahatmi H, Sudipa PH, Sanjaya GP, 2024. Variations of *coliform* bacteria isolated from Bali cattle calves feces, marketed at Beringkit animal market. *Bul. Vet. Udayana.* 16(3): 727-736. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p11>

Jainudin R, Mahatmi H, Romy Mufa RMD, Sanjaya GP. 2024. Contamination *Escherichia coli* in broiler chicken meat sold at Badung market, Denpasar, Bali during the transition season. *Bul. Vet. Udayana.* 16(3): 737-744. DOI:

<https://doi.org/10.24843/bulvet.2024.v16.i3.p12>

Adi NNC, Agustina KK, Sukada IM. 2024. Implementation of animal welfare practices among layer farmers in Puhu and Pering Villages in Gianyar Regency. *Bul. Vet. Udayana.* 16(3): 745-758. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p13>

Satriawan E, Besung INK, Suarjana IGK. 2024. Prevalence of *Escherichia coli*, *coliform* and *non-coliform* bacteria in mud buffalo in Ranggagata and Serage Villages, Southwest Praya Subdistrict, District of Central Lombok, West Nusa Tenggara. *Bul. Vet. Udayana.* 16(3): 759-765. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p14>

Widiantara G, Agustina KK, Sukada IM. 2024. Overview of the application of animal welfare in bali cattle farms in the highlands and lowlands in Gianyar Regency of Bali. *Bul. Vet. Udayana.* 16(3): 16(3): 766-780. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p15>

Levina S, Besung INK, Suarjana IGK. 2024. Yeast population of *Saccharomyces cerevisiae* in the feces of young and adult etawa crossbreed goats in Sukawati District, Gianyar Regency. *Bul. Vet. Udayana.* 16(3): 781-788. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p16>

Elviana D, Agustina KK, Suada IK, Sukada IM. 2024. Implementation of animal welfare in bali cattle farms in Sebatu and Taro Village, Gianyar, Bali. *Bul. Vet. Udayana.* 16(3): 789-800. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p17>

Kendran AAS, Kencana GAY. 2024. Haematological profile of laying hens after Newcastle Disease vaccination. *Bul. Vet. Udayana.* 16(3): 801-808. DOI:

<https://doi.org/10.24843/bulvet.2024.v16.i3.p18>

Natalia N, Suada IK, Sari TK. 2024. Level of knowledge and implementation of cattle barn biosecurity related to prevention of foot and mouth disease in Gianyar, Bali. *Bul. Vet. Udayana.* 16(3): 809-818. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p19>

Putri KF, Setiasih NLE, Susari NNW, Berata IK, Heryani LGSS, Suatha IK. 2024. Anatomical structure and morphometry of the lungs of bali ducks in the grower phase. *Bul. Vet. Udayana.* 16(3): 819-833. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p20>

Agustina KK. 2024. Bat-borne zoonotic virus: a literature review. *Bul. Vet. Udayana.* 16(3): 834-850. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p21>

Simanjuntak SJO, Berata IK, Winaya IBO, Setiasih NLE, Sudimartini LM, Susari NNW. 2024. The effect of mimosine from simplicia of the lamtoro leaf on the histopathological of white rats' testis. *Bul. Vet. Udayana.* 16(3): 851-860. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p22>

Putri NPAS, Laksmi DNDI, Damriyasa IM. 2024. FSH hormone levels in Bali cattle with repeated mating in Sobangan Village, Mengwi Subdistrict, Badung Regency, Bali. *Bul. Vet. Udayana.* 16(3): 861-866. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p23>

Verdiansyah RA, Mahatmi H, Sukada IM, Sanjaya GP. 2024. *Escherichia coli* contamination on imported frozen buffalo meat sold at Aikmel Traditional Market, Aikmel District, East Lombok District, West Nusa Tenggara Province. *Bul. Vet. Udayana.* 16(3): 867-876. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p24>

Sulaimah S, Sukaesih NS, Ningrum D. 2024. The effect of turmeric on reducing dysmenorrhea in adolescent girls: Systematic review. *Bul. Vet. Udayana.* 16(3): 877-894. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p25>

Anjani FH, Berata IK, Siswanto, Sudimartini LM, Setiasih NLE, Sulabda IN. 2024. Histopathological picture of white rats' liver due to the administration of mimosin from simplisia leucaena leaf. *Bul. Vet. Udayana.* 16(3): 895-903. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p26>

Diharja AD, Sopiah P, Rosyda R. 2024. Efectiveness of using a combination of hydrogel and hydrocellular foam in the process of autolytic debridement in healing diabetic ulcers. *Bul. Vet. Udayana.* 16(3): 904-918. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p27>

Bhoki KD, Besung INK, Suarjana IGK. 2024. Total bacteria, *Coliforms* dan *Non-Coliforms* in the milk of etawa crossbreed in Singapadu Kaler Village, Sukawati District, Gianyar Regency. *Bul. Vet. Udayana.* 16(3): 919-925. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p28>

Ravenska KZ, Laksmi DNDI, Kendran AAS. 2024. Blood glucose and cholesterol levels of bali cattle that experienced repeated breeding, in the Village of Sobangan, Mengwi District, Badung Regency, Bali. *Bul. Vet. Udayana.* 16(3): 926-934. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p29>

Setyawati KVD, Sampurna IP, Bebas W. 2024. Growth rate of body length and height of male bali cattle during fattening. *Bul. Vet. Udayana.* 16(3): 935-943. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p30>

Achmad M, Sopiah P, Rosyda R. 2024. The relationship between coffee consumption and sleep quality with the incidence of *acne vulgaris*. *Bul. Vet. Udayana.* 16(3): 944-954. DOI: <https://doi.org/10.24843/bulvet.2024.v16.i3.p31>

## KETENTUAN UNTUK PENULISAN NASKAH

### Ketentuan Umum

- a. Buletin Veteriner Udayana memuat tulisan ilmiah dalam bidang Kedoteran Hewan dan Peternakan, berupa hasil penelitian, artikel ulas balik (*review*).
- b. Naskah/makalah harus orisinal dan belum pernah diterbitkan. Apabila diterima untuk dimuat dalam Buletin Veteriner Udayana, maka tidak boleh diterbitkan dalam majalah atau media yang lain.
2. Naskah ilmiah dicetak dengan kertas ukuran A4 pada file word (doc/docx). Naskah diketik dengan spasi menggunakan program olah kata *word for windows*, huruf *Times New Roman* ukuran huruf 12.
3. Naskah yang diterima adalah: artikel original hasil penelitian, studi kasus, systematic review dan short communication.
4. Tata cara penulisan naskah harus mengikuti template yang dapat diunduh pada: [download template BVU](#)
5. Pengiriman naskah dilakukan setiap saat dalam bentuk softcopy (file doc/docx) melalui sistem daring pada laman berikut: [Panduan Submission](#)
6. Terhadap naskah/makalah yang dikirim, redaksi berhak untuk: memuat naskah/makalah tanpa perbaikan, memuat naskah/makalah dengan perbaikan, menolak naskah/makalah. Semua keputusan redaksi tidak dapat diganggu gugat dan tidak diadakan surat menyurat untuk keperluan itu.
7. Setiap naskah yang dikirim ke redaksi untuk dipublikasikan dalam Buletin Veteriner Udayana akan dipandang sebagai karya asli penulis dan bila diterima, naskah tersebut tidak diperkenankan dipublikasikan lagi secara keseluruhan ataupun sebagian tanpa seijin Buletin Veteriner Udayana.

# BULETIN VETERINER UDAYANA



Alamat Redaksi Fakultas Kedokteran Hewan  
Jl. PB Sudirman Denpasar, Telp (0361)223791