

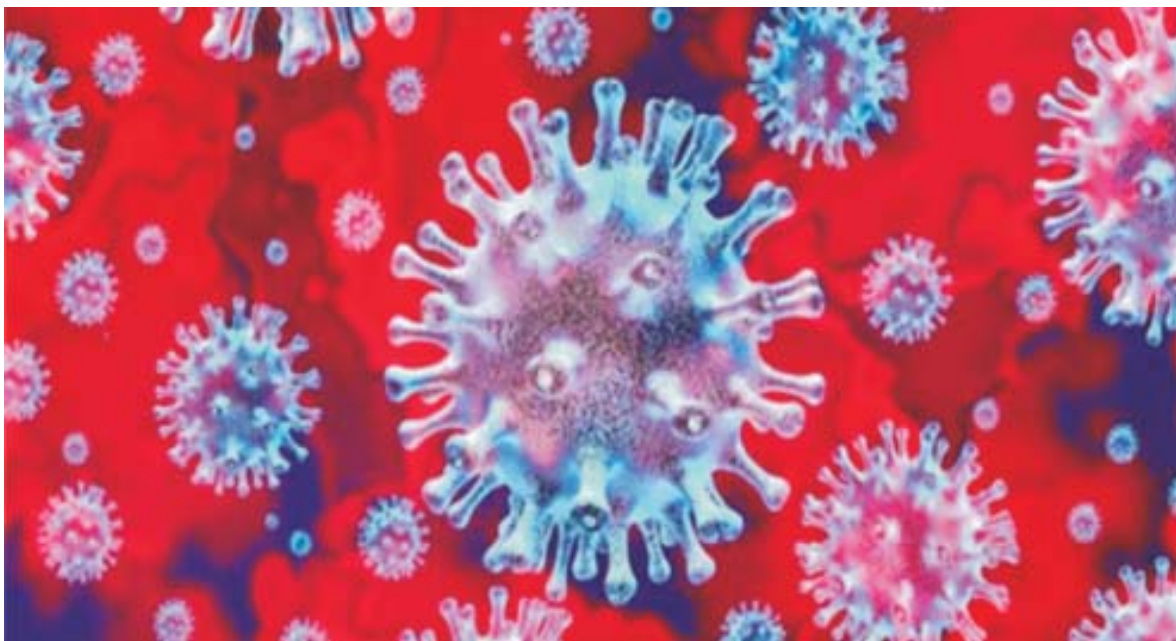
pISSN: 1411-8327
eISSN: 2477-5665

Jurnal Veteriner

INDONESIAN VETERINARY JOURNAL

Vol. 21 No. 1, Maret 2020

- Profil Darah pada Proses Penyembuhan Luka Kulit ●
Landak Jawa
- Hematological Profiles of Green Sea Turtle (*Chelonia mydas*) ●
- Profil Metabolit Plasma Darah dan Aktivitas Kreatin Kinase ●
Sapi Perah
- Biokimia Darah Hati dan Ginjal Setelah Implan Wire ●
- Kelistrikan Jantung Anak Babi pada Kondisi Renjatan ●
dengan Resusitasi Hipervolemik
- Suplementasi Calcitriol Efektif untuk Penanganan ●
Nefrosis Akut dan Osteoporosis
- Physicochemical Characteristics of Milk and Teat Yield of ●
Goat Breeds
- Analisis Hemagglutinin Virus Flu Burung Subtipe H5N1 ●
Asal Pasar Unggas
- Water Additive Kimchi Dapat Mencegah Infeksi Alami ●
Flu Burung
- Respons Kebal Ayam IPB D1 terhadap Infeksi Virus Tetelo ●
- Deteksi *Coxiella burnetii* pada Sapi Korban ●
- Karakterisasi Molekuler Gen Penyandi *SodC* ●
Pasteurella multocida Kerbau NTT
- Kelarutan Kristal Kalsium Oksalat Urin setelah ●
Pemberian Elikzir Daun Pelawan
- Kualitas Semen Babi dalam Astaxanthin Fosfat Kuning Telur ●
Dengan tambahan Gliserol dan Dimethylsulfoxide
- The Differences of Ultrasonography Imaging ●
Between *Chelonia mydas*) and *Lepidochelys olivacea*
- Sistem Akuaponik Meningkatkan Pertumbuhan ●
dan Kelangsungan Hidup Ikan Mas
- Validasi Enzyme Linked Immunosorbent Assay ●
- Pendeteksi Antibodi *Trypanosoma evansi* ●
- Obstruksi Rektum dan Uretra Akibat Fibroma Serviks ●
pada Anjing



<https://www.proactiveinvestors.co.uk/companies/news/911159/outbreak-of-deadly-coronavirus-raises-fears-of-sars-repeat-911159.html>

Corona virus (CoV) mendadak mewabah di Tiongkok akhir Desember 2019. Banyak penderita meninggal karena radang paru yang ditimbulkannya. Corona virus telah diketahui menginfeksi manusia sejak 1960 lalu, umumnya mengakibatkan flu biasa. Agen CoV yang umum menginfeksi adalah dari jenis OC43 dan 229E, sedangkan CoV yang kejadiannya jarang dan mematikan adalah *Midle East Respiratory Syndrome* (MERS-CoV) dan *Severe Acute Respiratory Syndrome* (SARS-CoV). Agen MERS-CoV, diketahui menular dari onta ke manusia, sedangkan SARS-CoV dari musang. Agen CoV terbaru yang muncul di Wuhan Tiongkok, diyakini adalah CoV yang baru dikenal dan dinamakan *novel corona virus 2019* (2019-nCoV), diduga kuat virus zoonotik dari ular.

Setiap naskah yang dikirim ke redaksi untuk dipublikasikan dalam Jurnal Veteriner dipandang sebagai karya asli penulis dan bila diterima, naskah tersebut tidak diperkenankan dipublikasikan lagi secara keseluruhan ataupun sebagian tanpa seijin Jurnal Veteriner

DEWAN EDITOR/EDITOR BOARD JURNAL VETERINER

PIMPINAN DEWAN EDITOR/EDITOR IN CHIEF

I Wayan Batan, Laboratory of Veterinary Clinical Diagnosis, Clinical Pathology and Radiology Veteriner, Faculty of Veterinary Medicine, Udayana University, Bali, Indonesia

DEWAN EDITOR/EDITORIAL BOARD

Nyoman Mantik Astawa, Lab of Veterinary Virology, Faculty of Veterinary Medicine, Udayana University, Denpasar, Bali, Indonesia; **Nyoman Sadra Dharmawan**, Laboratory of Veterinary Clinical Diagnosis, Clinical Pathology and Radiology Veteriner, Faculty of Veterinary Medicine, Udayana University, Bali, Indonesia; **Rama Jayaraj**, Faculty of Engineering, Health, Science and the Environment, Charles Darwin University, Darwin, Northern Territory 0909 Australia; **Randall C. Kyes**, Division of Global Programs, Washington National Primate Research Center, University of Washington, Seattle, United States of America; **R. Wasito**, Department of Patology, Faculty of Veterinary Medicine, Gadjah Mada University, Yogyakarta, Indonesia; **Wasmen Manalu**, Department of Anatomy, Faculty of Veterinary Medicine, Bogor Agricultural University, Bogor, Indonesia; **I Wayan Teguh Wibawan**, Department of Animal Diseases and Veterinary Public Health, Faculty of Veterinary Medicine, Bogor Agricultural University, Bogor, Indonesia; **Komang Gede Wiryawan**, Department of Nutrition and Feed Technology, Faculty of Animal Science, Bogor Agricultural University, Bogor, Indonesia; **Tongku Nizwan Siregar**, Faculty of Veterinary Medicine, Syiah Kuala University, Banda Aceh, Indonesia; **Max UE Sanam**, Faculty of Veterinary Medicine, Nusa Cendana University, Kupang, East Nusatenggara, Indonesia; **Fedik Abdul Rantam**, Faculty of Veterinary Medicine, Airlangga University, Surabaya, East Java, Indonesia; **Mohamad Lazuardi**, Division Pharmacy-Veteriner, Faculty of Veterinary Medicine, Airlangga University, Surabaya, East Java, Indonesia; **Adji Santoso Dradjat**, Faculty of Animal Husbandry, University of Mataram, Lombok, West Nusatenggara, Indonesia; **Iwan Harjono Utama**, Laboratory of Veterinary Biochemistry, Faculty of Veterinary Medicine Udayana University, Bali, Indonesia; **I Ketut Puja**, Laboratory of Veterinary Histology, Faculty of Veterinary Medicine, Udayana University, Bali, Indonesia; **I Ketut Suatha**, Lab of Anatomy and Embryology, Faculty of Veterinary Medicine, Udayana University, Bali, Indonesia; **Tjok Gde Oka Pemayun**, Lab of Reproduction, Faculty of Veterinary Medicine, Udayana University, Bali, Indonesia; **I Ketut Berata**, Lab Veterinari Pathology, Faculty of Veterinary Medicine, Udayana University, Bali, Indonesia; **Roostita L. Balia**, Padjadjaran University, Bandung, West Java, Indonesia; **Aida Louise Tendend Rompis**, Animal Biomedical and Molecular Biology Laboratory, Udayana University, Bali, Indonesia; **Anak Agung Ayu Mirah Adi**, Laboratory of Veterinary Pathology, Faculty of Veterinary Medicine, Udayana University, Bali, Indonesia; **Bibin Bintang Andriana**, Department of Biomedical Chemistry, Graduate School of Science & Technology, Kwansai Gakuin University, Japan; **I Nyoman Suarsana**, Lab of Veterinary Biochemistry, Faculty of Veterinary Medicine, Udayana University, Bali, Indonesia; **Gusti Ayu Yuniati Kencana**, Lab of Virology, Faculty of Veterinary Medicine, Udayana University, Bali, Indonesia; **Alan Dargantes**, College of Veterinary Medicine, Central Mindanao University, University Town, Musuan, Bukidnon, Philippines; **Sri Subekti**, Dept of Veterinary Parasitology, Faculty of Veterinary Medicine, Airlangga University, Surabaya, East Java, Indonesia; **Risa Tiuria**, Lab of Veterinary Parasitology, Faculty of Veterinary Medicine, Bogor Agricultural University, Bogor, West Java, Indonesia; **Hastari Wuryastuti**, Department of Veterinary Clinical Nutrition, Faculty of Veterinary Medicine, Gadjah Mada University, Yogyakarta, Indonesia; **I Wayan Suardana**, Lab of Veterinary Public Health, Faculty of Veterinary Medicine, Udayana University, Bali, Indonesia; **Dewa Ketut Harya Putra**, Lab of Animal Physiology, Faculty of Animal Husbandry, Udayana University, Denpasar Bali, Indonesia; **Fadjar Satridja**, Lab of Veterinary Helminthology, Faculty of Veterinary Medicine, Bogor Agricultural University, Bogor, West Java, Indonesia; **Siti Isrina Oktavia Salasia**, Department of Veterinary Clinical Pathology, Faculty of Veterinary Medicine, Gadjah Mada University, Yogyakarta, Indonesia; **Arief Boediono**, Lab of Veterinary Embryology, Faculty of Veterinary Medicine, Bogor Agricultural University, Bogor, West Java, Indonesia; **Edy Kurnianto**, Lab of Genetics and Animal Reproduction, Study Program of Animal Husbandry, Faculty of Agriculture and Animal Husbandry, Diponegoro University, Semarang, Central Java, Indonesia; **Adnyane Mudite**, Lab of Veterinary Histology, Faculty of Veterinary Medicine, Bogor Agricultural University, Bogor, West Java, Indonesia;

Deni Noviana, Division of Surgery and Radiology, Departement of Clinic, Reproduction and Pathology, Faculty of Veterinary Medicine, Bogor Agricultural University (IPB), Indonesia; **Aris Haryanto**, Department of Veterinary Biochemistry, Faculty of Veterinary Medicine, Gadjah Mada University, Yogyakarta, Indonesia; **Thomas Mata Hine**, Departement of Reproduction and Animal Health, Faculty of Animal Husbandry, Nusa Cendana University, East Nusatenggara, Indonesia; **Ietje Wientarsih**, Division of Veterinary Pharmacy, Departement of Clinic, Reproduction and Pathology, Faculty of Veterinary Medicine, Bogor Agricultural University (IPB), Indonesia; **Upik Kesumawati Hadi**, Divison of Parasitology and Medical Entomology, Department of Animal Infectious Diseases and Veterinary Public Health, Faculty of Veterinary Medicine, Bogor Agricultural University

MANAJER JURNAL/JOURNAL MANAGER

I Gusti Made Krisna Erawan

EDITOR PELAKSANA/ASSOCIATE EDITOR

I Nyoman Suartha; I Gusti Ngurah Sudisma; Ni Gusti Agung Ayu Suartini; I Made Kardena; I Putu Sampurna; I Made Sukada; Anak Agung Sagung Kendran; Ni Nyoman Werdi Susari; Putu Ayu Sisyawati Putriningsih; Tjokorda Sari Nindhia

Kerjasama
Fakultas Kedokteran Hewan Universitas Udayana
& Perhimpunan Dokter Hewan Indonesia, Jakarta



DAFTAR ISI

Vol 21, No 1 Maret 2020
Terakreditasi Dirjen Penguatan
Riset dan Pengembangan,
Kemenristek Dikti RI
S.K. No. 36a/E/KPT/2016

Jurnal Veteriner

Jurnal Kedokteran Hewan Indonesia
Indonesia Veterinary Journal

pISSN: 1411-8327; eISSN: 2477-5665
Website : ojs.unud.ac.id
Terbit sejak 18 Desember 2000

Naskah Asli
Original Article

- SRIHADI AGUNGPRIYONO, ANDHIKA YUDHA PRAWIRA, HUDA SALAHUDIN DARUSMAN, WARTIKA ROSA FARIDA, SAVITRI NOVELINA**
Anatomi Makroskopis dan Analisis Dinamika Profil Darah pada Proses Penyembuhan Luka pada Kulit Landak Jawa (*Hystrix javanica*)
(*MACROSCOPIC ANATOMY AND HEMATOLOGICAL CHANGES DURING WOUND HEALING PROCESS IN THE SKIN OF THE JAVA PORCUPINE (Hystrix javanica)*) 1-13
- LEONI ARIFAH AGUSTINA, NYOMAN SADRA DHARMAWAN, IDA BAGUS WINDIA ADNYANA**
Hematological Profiles of Green Sea Turtle (*Chelonia mydas*) Rehabilitated at Turtle Conservation and Education Center, Serangan Island, Denpasar, Bali
(*PROFIL HEMATOLOGI PENYU HIJAU (CHELONIA MYDAS) YANG DIREHABILITASI DI TURTLE CONSERVATION AND EDUCATION CENTER PULAU SERANGAN, DENPASAR, BALI*) 14-23
- ANDI MUSHAWWIR, AN AN YULIANTI, NONO SUWARNO, RONNIE PERMANA**
Profil Metabolit Plasma Darah dan Aktivitas Kreatin Kinase Sapi Perah Berdasarkan Fluktuasi Mikroklimat Lingkungan Kandangannya
(*BLOOD PLASMA METABOLITE PROFILE AND CREATIN KINASE ACTIVITIES OF DAIRY CATTLE BASED ON THE FLUCTUATION OF ENVIRONMENTAL MICROCLIMATE*) 24-30
- ERWIN ERWIN, RUSLI RUSLI, AMIRUDDIN AMIRUDDIN, ETRIWATI ETRIWATI, MUHAMMAD ISA, ABDUL HARRIS, YULA ASTUTI**
Biokimia Darah Hati dan Ginjal Setelah Implan *Wire* SS316L dan *Wire* Alternatif
(*BLOOD BIOCHEMISTRY OF LIVER AND KIDNEY AFTER IMPLANT WIRE SS316L AND ALTERNATIVE*) 31-37
- GUNANTI, SOESATYORATHI, ANTONIUS H PUDJIADI, MELPA SUSANTI PURBA, GALIH SATHIA KUSUMANTO**
Gambaran Kelistrikan Jantung Anak Babi pada Kondisi Renjatan dengan Resusitasi Hipervolemik Menggunakan Cairan Kristaloid Natrium Chlorida 0,9%
(*REPRESENTATION OF PIGLET'S) HEART ELECTRICITY ON THE SHOCK CONDITION AND HYPERVOLEMIC RESUSCITATION WITH CRYSTALLOID FLUID NARIUM CHLORIDE 0.9%*) 38-43
- HARTININGSIH, MARIO AFRA GRACIA KRISTIANO TANASIB, REKHA FATMAWATI, DEVITA ANGGRAENI**
Suplementasi Calcitriol Efektif untuk Penanganan Nefrosis Akut dan Osteoporosis pada Tikus Dewasa
(*CALCITRIOL SUPPLEMENTATION EFFECTIVE FOR ACUTE NEPHROSIS AND OSTEOPOROSIS TREATMENTS IN ADULT RATS*) 44-52
- MARI DENISE AMPHY ANOOS LAYOLA, GARY REBADOMIA DE ASIS, SANTIAGO TORDA PEÑA JR.**
Physicochemical Characteristics of Milk and Teat Yield of Different Goat Breeds Under Normal Tropical Rearing Conditions
(*KARAKTER FISIKOKIMIA SUSU DAN PRODUKSI PUTING BERBAGAI RAS KAMBINGYANG DIPELIHARA DALAM SUASANA TROPIS NORMAL DI FILIPINA*) 53-62
- RISZA HARTAWAN, NI LUH PUTU INDI DHARMAYANTI**
Analisis Hemagglutinin Virus Flu Burung (*Avian Influenza*) Subtipe H5N1 Asal Pasar Unggas Hidup di Jakarta Timur 2014
(*HEMAGGLUNIN ANALYSES OF AVIAN INFLUENZA VIRUSES SUBTYPE H5N1 ISOLATED FROM LIVE BIRD MARKETS IN EAST JAKARTA 2014*) 63-74
- I PUTU CAHYADI PUTRA, RADEN WASITO, HASTARI WURYASTUTY**
Penambahan *Water Additive* Kimchi Dapat Mencegah Infeksi Alami Flu Burung (*Avian Influenza*) pada Ayam Pedaging
(*THE SUPPLEMENTATION OF WATER ADDITIVE KIMCHI COULD PREVENT NATURAL INFECTION OF AVIAN INFLUENZA IN BROILER*) 75-82

DAFTAR ISI (Lanjutan)

Vol 21, No 1 Maret 2020
Terakreditasi Dirjen Penguatan
Riset dan Pengembangan,
Kemenristek Dikti RI
S.K. No. 36a/E/KPT/2016

Jurnal Veteriner

Jurnal Kedokteran Hewan Indonesia
Indonesia Veterinary Journal

pISSN: 1411-8327; eISSN: 2477-5665
Website : ojs.unud.ac.id
Terbit sejak 18 Desember 2000

- RETNO SETYANINGSIH, SRI MURTINI, OKTI NADIA POETRI, CECE SUMANTRI**
Respons Kekebalan Tubuh Ayam IPB D1 terhadap Infeksi Virus Penyakit Tetelo (*Newcastle Disease*)
(*IMMUNE RESPONSE OF IPB D1 CHICKEN AGAINST NEWCASTLE DISEASE (ND) VIRUS*) 83-89
- HANDAYU UNTARI , AGUS SETIYONO, EKOWATI HANDHARYANI, MASDIANA C. PADAGA**
Deteksi *Coxiella burnetii* pada Sapi Kurban Idhul Adha di Cimanggu,
Kabupaten Bogor Tahun 2015-2016
(*DETECTION OF COXIELLA BURNETII IN IED AL-ADHA SACRIFICIAL COW*
IN CIMANGGU, BOGOR REGENCY AT 2015-2016)..... 90-98
- AYANG MAHINDRA, HANI PLUMERIASTUTI, DIDIK HANDIJATNO**
Karakterisasi Molekuler Gen Penyandi *SodC Pasteurella multocida* yang Diisolasi
dari Kerbau Asal Nusa Tenggara Timur
(*MOLECULAR CHARACTERIZATION OF SodC ENCODING GENES PASTEURE- LLA*
MULTOCIDA ISOLATED FROM BUFFALO OF EAST NUSA TENGGARA ORIGIN) 99-105
- RAHMAWATI JANUAR, IETJE WIENTARSIH, SUS DERTHI WIDHYARI**
Uji Kelarutan Kristal Kalsium Oksalat Urin Tikus *Sprague Dawley* setelah Pemberian
Eliksir Ekstrak Etanol Daun Pelawan
(*SOLUBILITY TEST OF CALCIUM OXALATE CRYSTAL IN SPRAGUE DAWLEY RAT URINE*
AFTER GIVING ETHANOL EXTRACT OF PELAWAN LEAVES) 106-114
- I WAYAN BEBAS, I WAYAN GORDA**
Kadar Krioprotektan Gliserol dan Dimethylsulfoxide Terbaik pada Pengencer Astaxanthin
Fosfat Kuning Telur Bebek Terhadap Kualitas Semen Beku Babi
(*THE BEST LEVEL OF GLYCEROL AND DIMETHYLSULFOXIDE CRYOPROTECTANT*
IN THE ASTAXANTHIN PHOSPHATE DUCK EGG YOLKEXTENDER
ON THE QUALITY OF BOAR FROZEN SEMEN) 115-123
- I WAYAN NICO FAJAR GUNAWAN, ARCHIE LEANDER MASLIM, IDA BAGUS WINDIA
ADNYANA, ANAK AGUNG GDE OKA DHARMAYUDHA, LUH MADE SUDIMARTINI**
The Differences of Ultrasonography Imaging Between Green Turtles (*Chelonia mydas*)
and Olive Ridley Turtles (*Lepidochelys olivacea*) in Bali
(*PERBEDAAN CITRA ULTRASONOGRAFI ANTARA PENYU HIJAU (CHELONIA MYDAS)*
DAN PENYU LEKANG (LEPIDOCHELYS OLIVACEA) DI BALI) 124-135
- ASNI, RAHIM, MARWAYANTI**
Sistem Akuaponik Dapat Meningkatkan Pertumbuhan dan Tingkat Kelangsungan
Hidup Ikan Mas (*Cyprinus carpio*)
(*AQUAPONIC SYSTEMS COULD INCREASE THE GROWTH AND SURVIVAL*
OF COMMON CARP (CYPRINUS CARPIO)) 136-142
- DIDIK TULUS SUBEKTI, ICHWAN YUNIARTO**
Validasi *Enzyme Linked Immunosorbent Assay* untuk Deteksi Antibodi Terhadap *Trypanosoma evansi*
(*VALIDATION OF AN ENZYME LINKED IMMUNOSORBENT ASSAY FOR DETECTION*
OF ANTIBODY ANTI-TRYPANOSOMA EVANSI) 143-159
- I NYOMAN SUARTHA, I WAYAN WIRATA, I WAYAN GORDA, AGATHA SERENA LUMBAN
TOBING , I KETUT ELI SUPARTIKA**
Laporan Kasus: Obstruksi Rektum dan Uretra Akibat Fibroma Serviks pada Anjing *Golden Retriever*
(*RECTAL AND URETRA OBSTRUCTION DUE TO FIBROMA CERVICIS*
IN GOLDEN RETRIEVER DOG: CASE REPORT) 160-166



KEMENTERIAN RISET, TEKNOLOGI, DAN PENDIDIKAN TINGGI
DIREKTORAT JENDERAL PENGUATAN RISET DAN PENGEMBANGAN
DIREKTORAT PENGELOLAAN KEKAYAAN INTELEKTUAL

Sertifikat

Kumparan dari Keputusan Direktur Jenderal Penguatan Riset dan Pengembangan Kementerian Riset, Teknologi, dan Pendidikan Tinggi Republik Indonesia Nomor: 36a/E/KPT/2016, Tanggal 23 Mei 2016 Tentang Hasil Akreditasi Terbitan Berkala Ilmiah Cetak Periode I Tahun 2016

Nama Terbitan Berkala Ilmiah
Jurnal Veteriner
ISSN: 1411-3527

Penerbit: Fakultas Kedokteran Hewan, Universitas Udayana bekerjasama dengan Perhimpunan Dokter Hewan Indonesia

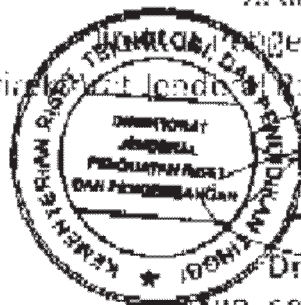
Ditetapkan sebagai Terbitan Berkala Ilmiah

TELAKHEFTASI

Akreditasi sebagaimana tersebut di atas berlaku selama 5 (lima) tahun sejak ditetapkan

Jakarta, 30 Mei 2016

Direktoran Pengelolaan Kekayaan Intelektual,
Direktori Jenderal Penguatan Riset dan Pengembangan



Dr. Sudjaga, M.Sc

NIP. 195901171986111001