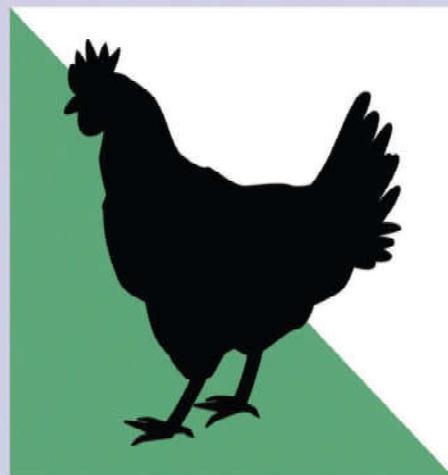
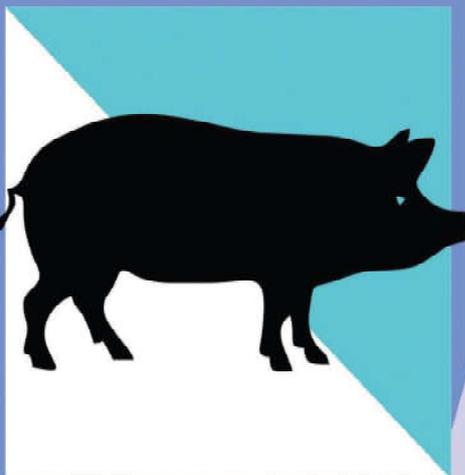
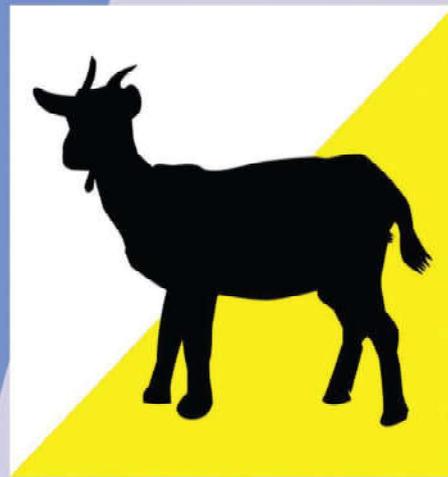




pISSN 2550-1283
eISSN:2622-0571

VOLUME 3 NUMBER 1 - FEBRUARY 2020
SPECIAL ISSUE 1

Journal of
**VETERINARY AND
ANIMAL SCIENCES**



PUBLISHED BY
INSTITUTE FOR RESEARCH AND COMMUNITY SERVICES,
UDAYANA UNIVERSITY, BALI, INDONESIA

JOURNAL OF VETERINARY AND ANIMAL SCIENCES

Institute for Research and Community Service, Udayana University E-mail: jvas@unud.ac.id

EDITOR IN CHIEF

I Wayan Suardana (*Udayana University, Indonesia*)

CO EDITOR IN CHIEF

I Nyoman Suarsana (*Udayana University, Indonesia*)

Ni Ketut Suwiti (*Udayana University, Indonesia*)

I.G.M. Krisna Erawan (*Udayana University, Indonesia*)

EDITORIAL BOARDS

A.A. Ayu Mirah Adi

(*Udayana University, Indonesia*)

Aris Haryanto

(*Gadjah Mada University, Indonesia*)

Christian Bauer

(*Justus Liebig, German*)

Alan P. Dargantes

(*Central Mindanao University, Philipines*)

Zdenek Knotek

(*Brno University, Cekoslovakia*)

Dyah Ayu Widiasih

(*Gadjah Mada University, Indonesia*)

Komang G. Wiryawan

(*Bogor Agriculture University, Indonesia*)

Michael Haryadi Wibowo

(*Gadjah Mada University, Indonesia*)

Omar Akineden

(*Justus Liebig University, German*)

Saleha Abd. Aziz

(*University of Putra Malaysia, Malaysia*)

Duangporn Pichpol

(*Chiang Mai University, Thailand*)

Yasunobo Matsumoto

(*The University of Tokyo, Japan*)

TECHNICAL EDITORS

Kadek Karang Agustina (*Udayana University, Indonesia*)

I Wayan Nico Fajar Gunawan (*Udayana University, Indonesia*)

Putu Henrywaesa Sudipa (*Udayana University, Indonesia*)

I Made Merdana (*Udayana University, Indonesia*)

PUBLISHER

Institute for Research and Community Service Udayana University

Campus of Bukit Jimbaran, Badung, Bali.

Email: jvas@unud.ac.id



SCOPE OF JOURNAL

Journal of Veterinary and Animal Sciences (JVAS) with pISSN 2550-1283, eISSN 2622-0571 is a peer-reviewed journal which devoted to the advancement and dissemination of scientific knowledge concerning veterinary and animal science which includes research findings, case report, experimental design, and their application for the treatment of diseases in birds, wild and domestic animals. This journal published in English twice a year on February and August by Institute for Research and Community Service, Udayana University. It covers all the scientific and technological aspects of veterinary medicine in general, anatomy, physiology, biochemistry, pharmacology, microbiology, pathology, public health, parasitology, infectious diseases, clinical sciences, biotechnology, alternative veterinary medicine and other biomedical fields. In the field of animal science, the journal receives original manuscripts covering breeding and genetics, reproduction and physiology, nutrition, feed sciences, animal products, biotechnology, behavior, livestock farming system, socio-economic, and policy

ABOUT JOURNAL

Journal of Veterinary and Animal Sciences (JVAS) is a scientific journal published since 2017. The journal consistently two times a year in February, and August. The journal is registered in DOAJ and UDL-Edge. JVAS already used Cross Check to prevent any suspected plagiarism in the manuscripts.

SECRETARIAT OF JVAS

Institute for Research and Community Service, Udayana University
Bukit Jimbaran, Badung, Bali, Indonesia
Phone / Fax: +62-361-704622 / 703367
e-mail: jvas@unud.ac.id

JOURNAL OF VETERINARY AND ANIMALS SCIENCES

Institute for Research and Community Service, Udayana University E-mail: jvas@unud.ac.id

Volume 3-Issue 1- February 2020**Table of Contents****Original Article**

Physiological Response of Bali Cattle on Anesthetic of Ketamine and Propofol	1-13
I Gusti Agung Gde Putra Pemayun, I Gusti Ngurah Sudisma	
Antibody Survey of Bovine Viral Diarrhea in Bali Cattle	14-19
Putu Henrywaesa Sudipa, Luh Made Sudimartini, I Wayan Wirata	
Lactic Acid Profile of Bali cattle during Rest Period Before Slaughtered	20-27
Siswanto, I Nyoman Sulabda	
The Comparison Between Norotate and Promax Rotations of Biplot Simulation in The Management of Bali Cattle's Breeding Farms on Integrated Farming System	28-39
I Putu Sampurna, Tjokorda Sari Nindhia, I Made Sukada	
The Change in External Genital and Estrogen Level of Bali Cattle During Estrus	40-50
Desak Dewi Nyoman Indira Laksmi, I Gusti Ngurah Bagus Trilaksana	
The Number and Types of Bacteria in the Bali Cattle's Vagina during Estrus and Pregnant	51-56
Ketut Tono P.G, Putu Henrywaesa Sudipa, I Gusti Ketut Suarjana	