Journal Editorial Board

ISSN 2161-7597 (Print)   ISSN 2161-7627 (Online)
https://www.scirp.org/journal/ojas

Editor-in-Chief
Prof. Young W. Park
Fort Valley State University, USA

Associate Editors
Prof. Elsayed Ibrahim Elagamy
Al-Qassim University, Saudi Arabia
Prof. Bulent Elitok
Afyon Kocatepe University, Turkey

Editorial Board
Dr. Ebru Çetin
University of Erciyes, Turkey
Prof. Mahmoud Mohamed Ahmed Abdel-Aziz
King Faisal University, Saudi Arabia
Prof. Adel Abdallah Abdel-Ghani
Minia University, Egypt
Prof. Ahmed A. Al-Haidary
King Saud University, Saudi Arabia
Prof. Berna Arda
Ankara University School of Medicine, Turkey
Prof. Osama Ibrahim Azawi
University of Mosul, Iraq
Prof. Klaus-Peter Brüssow
Leibniz Institute for Far Animal Biology (FBN) Dummerstorf, Germany
Prof. Ivan Cunha Bustamante Filho
Universidade Federal do Rio Grande do Sul, Brazil
Prof. Suresh Dinkar Kharche
Central Institute for Research on Goats, India
Prof. Oguz Kul
Kirikkale University, Turkey
Prof. Zissis Mamuris
University of Thessaly, Greece
Dr. Rahul Mahavir Nandre
Kansas State University, USA
Prof. Ahmad Oryan
Shiraz University, Iran
Prof. Paolo Polidori
University of Camerino, Italy
Prof. H. P. Puttaraju
Bangalore University, India
Dr. Mrigendra Rajput
Arkansas Tech University, USA
Prof. Ali Saadoun
University of the Republic, Uruguay
Dr. Newton Soares da Silva
Universidade do Vale do Paraíba, Brazil
Prof. Augusto Vitale
Italian National Institute of Health, Italy
Prof. Qiao Wang
Massey University, New Zealand
Prof. Wolfgang Johann Weninge
Centre for Anatomy and Cell Biology, Austria
Prof. Hongli Yan
Genomic Medicine Institute, China
Prof. Arda Yildirim
Gaziosmanpasa University, Turkey
Prof. Moustafa M. Zeitoun
Qassim University, Saudi Arabia
Prof. Huitong Zhou
Lincoln University, New Zealand
# Table of Contents

**Volume 11   Number 2                                    April  2021**

**Community Characteristics Analysis of Eukaryotic Microplankton via ITS Gene Metabarcoding Based on Environmental DNA in Lower Reaches of Qiantang River, China**  

**Physicochemical Properties and Microbiological Quality of ititu (Traditionally Fermented Cow Milk) in Selected District of Borena Zone, Oromia Regional State, Ethiopia**  
B. Hussien, Y. Hailu, M. Eshetu..................................................................................125

**Proximate Composition and Fatty Acid Profile of Beef from Arsi, Borana and Harar Cattle Breeds in Oromia National Regional State, Ethiopia**  
T. Dagne, Y. Y. Mummed, M. Y. Kurtu, M. U. Leta, T. G. O’Quinn, J. L. Vipham............................................139

**Filamentous Green Algae Reduce Walleye Fingerling Production in Earthen-Substrate Ponds**  
M. J. Ward, R. A. Rasmus..............................................................................................................157

**Expression of B Locus Beta 2 (BLB2) Gene at Cytolytic and Latent Immune Response Stages of Immunocompetence in Nigerian Indigenous Chickens**  
A. A. Bello-Ibiyemi, A. S. Adenaike, M. I. Takeet, A. Ubong, C. O. N. Ikeobi..................................................164

**Measurement of Metabolic and Inflammatory Serum Markers and Immune Marker Gene Expression during Superovulation in Beef Cattle**  
A. P. Snider, D. J. McLean, A. R. Menino....................................................................................175

**Effect of Stabilized Fish Oil Source on Sperm Quality and Production of Boars**  
M. A. Parsley, M. E. Wilson, T. J. Gall, M. R. M. Ballard........................................................................197

**Effect of the Quail Phenotype and Breeding Age on Egg Laying and Characteristics**  
K. F. Djitie, A. E. Akana, R. M. Radu-Rusu, A. Teodorescu, M. G. Usturoi, F. Ngoula, A. Teguia....................208

**Effect of Natural Feed Supplement on Methane Mitigation Potential and Performance in Holstein Bull Calves**  
T. Brand, M. Miller, D. Kand.................................................................................................222

**Evaluation of Agolin®, an Essential Oil Blend, as a Feed Additive for High Producing Cows**  
P. Williams, J. Clark, K. Bean............................................................................................231
Effects of Methenamine Feeding Regime on Growth Performances, Gut Microbiota, Organs Histology and Haematobiochemical Profile of Broiler Chickens
238
Eating Quality of Beef from Arsi, Borana, and Harar Cattle Breed, Oromia National Regional State, Ethiopia
T. D. Tefera, Y. Y. Mummed, M. Y. Kurtu, M. U. Leta, T. G. O’Quinn, J. L. Vipham
255
Evaluation of Models for Longevity in a Closed Nucleus Breeding Programme: A Case Study Kenyan Sahiwal
B. M. Musingi, L. M. Mahianyu, E. D. M. Musingi
269
The Response of Cockerel Semen Kinematic Parameters LIN, STR, WOB, ALH and BCF to Induced Oxidative Stress
C. M. Pilane, M. H. Mapeka
292
Cattle Conservation in the 21st Century: A Mini Review
U.-F. O. Bolaji, A. A. Ajasa, R. O. Ahmed, S. F. Bello, O. E. Ositanwosu
304
Microbe/Bug-Busters Visit the Interactive House: An Itinerant Scenographic Device for Health Education
333
Biochemical and Oxidative Stress Parameters of Broilers Fed Meal and Protein Isolate of Mucuna pruriens Seeds
354
Open Journal of Animal Sciences (OJAS) is an international journal dedicated to the latest advancement of animal sciences. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of animal sciences. All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The journal publishes original papers including but not limited to the following fields:

- Animal Behavior
- Animal Cognition
- Animal Conservation
- Animal Ecology
- Animal Genetics
- Animal Physiology and Nutrition
- Animal Products and Processing
- Animal Reproduction
- Breeding and Genetics
- Embryo Manipulation
- Environment and Housing
- Ethology and Welfare
- Feeds and Feeding
- Food Evaluation
- Livestock Economics
- Nutrition and Digestion
- Physiology and Endocrinology
- Tropical Animal Health and Production

We are also interested in: 1) Short Reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews—Comments and critiques.

Website and E-Mail
https://www.scirp.org/journal/ojas
E-mail: ojas@scirp.org