EuroSciCon

Veterinary Science 2019

September 12-13
Sydney, Australia



Veterinary Science 2019

http://veterinary.euroscicon.com/

Day 1, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break @ Academy Lounge

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: **Veterinary Research**	Talks On: **Veterinary Medicine**	Talks On: **Animal Health**
	Talks On: **Camel Science**	Talks On: **Veterinary Epidemiology**	Talks On: **Equine Research and Medicine**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Animal Nutrition**	Panel Over: **Veterinary Toxicology**	Panel Over: **Veterinary Surgery**
	Workshop On: **Food Security and Safety**	Workshop On: **Small Animal Research**	Workshop On: **Veterinary Anesthesiology**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Veterinary Microbiology**	Talks On: **Avian Science**	Talks On: **Animal Reproduction**
	Lectures on: **Meat Science**	Lectures on: **Animal Biotechnology**	Lectures on: **Large Animal Research**
06:00 PM	Session On: **Livestock Production & Management**	Session On: **Veterinary Pharmacology**	Session On: **Animal Genetics and Breeding**
	NETWORKING	**NETWORKING**	**NETWORKING**

Day 2, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break @ Foyer

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: Animal Welfare	Talks On: Poultry Production	Talks On: Zoo and Exotic Science
	Talks On: Dairy Technology	Talks On: Transgenic Animal	Talks On: Animal health
	SESSION DISCUSSION	SESSION DISCUSSION	SESSION DISCUSSION
02:00 PM	Panel Over: Veterinary Care & Management	Panel Over: Veterinary Industry	Panel Over: Veterinary Drugs and Kits
	Workshop On: Veterinary Toxicology	Workshop On: Animal Nutrition	Workshop On: Veterinary Microbiology
	Lunch Break @ Restaurant	*Lunch Break @ Restaurant*	*Lunch Break @ Restaurant*
04:00 PM	Talks On: Veterinary Microbiology	Talks On: Veterinary Medicine	Talks On: Veterinary Pharmacology
	Lectures on: Animal Biotechnology	Lectures on: Equine Research and Medicine	Lectures on: Veterinary Surgery
06:00 PM	Session On: Veterinary Anesthesiology	Session On: Food Technology	Session On: Advances in Veterinary and animal sciences
	NETWORKING	NETWORKING	NETWORKING

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EuroSciCon

14TH GLOBAL SUMMIT ON VETERINARY AND ANIMAL SCIENCES

DATE & VENUE

SEPTEMBER 12-13, 2019 | SYDNEY, AUSTRALIA

AGENDA

Biography

EuroSciCon

Title: Effect of dietary tannin and protein concentration on resistance and resilience of lambs against *Haemonchus contortus*

F. A Khan
ICAR-Central Sheep and Wool Research Institute

Gastrointestinal nematode infection is one of the main limiting factors for developing sheep production systems. *Haemonchus contortus* is a parasite of concern, because its infection may cause severe blood loss resulting in anaemia, anorexia, depression, loss of condition, and eventually death. Anthelmintic treatment has been the most common control method. However, there has been overuse and misuse of this approach in the last 4-5 decades, which has led to a worldwide increase in prevalence of anthelmintic resistance.

Title: Meta-analysis of the probiotic effect of yeast (*Saccharomyces cerevisiae*) on egg productions in laying hens

Ogbuewu I. Princewill
University of South Africa

The aim of this study was to determine the probiotic effect of yeast on egg production in commercial laying hens using a meta-analysis. Peer-reviewed papers published in English were retrieved from AGORA, Scopus, Science Direct and Google Scholar databases. To guarantee quality and reduce bias, the authors designed the following condition each paper must satisfy to be included in the study. Studies were included if they have randomized and control trial, reported egg production and a measure of dispersion for each effect.

Title: *In vitro* comparative activity of Ciprofloxacin and Enrofloxacin against clinical isolates from chickens in Benue state, Nigeria

Asambe, A
Federal University Dutsinma

The study concluded that ciprofloxacin is a better choice in the treatment of bacterial infections of chicken in this area compared to Enrofloxacin. Antimicrobial susceptibility tests are also recommended prior to the administration of antimicrobials so as to guide in the choice of antimicrobial usage and thus reduce the incidences of bacterial resistance.

SPEAKER SLOTS AVAILABLE

Biography

EuroSciCon

Title: Prevalence of gastrointestinal parasite in cattle of Rupandehi district of Nepal in different seasons

Utsav Lamichhane
Agriculture and Forestry University

Majorly the gastrointestine of cow is infected with nematodes, cestodes and trematodes. This eventually contribute to decrease the productivity of cattle. To analyze the seasonal prevalence of the gastrointestinal parasite, a study was done in Thutipipal of Rupandehi district in two different seasons i.e. summer and winter. Method used to recover and identify the parasite egg or larva from the fecal sample was sedimentation technique.

Title: Transcriptome signature of circulating PBMCs to Understand Mechanism of High Altitude Adaptation in Native cattle adapted to Trans Himalayan Region of Ladakh

Preeti Verma
ICAR-National Bureau of Animal Genetic Resources

In the present study, an effort was made to evaluate the transcriptional signature of circulating PBMCs in local Ladakhi cattle from Ladakh region and Sahiwal cattle from tropical condition using Agilent 44K microarray chip. The top up-regulated genes in Ladakhi cows were INHBC, ITPRI, HECA, ABI3, GPR171 and HIF-1α involved in hypoxia and stress response.

Title: Genotyping and Multilocus Sequence Typing (MLST) of Etended-Spectrum Beta-Lactamase (ESBL)-producing Escherichia coli isolated from cows with mastitis in China

Tariq Ali
China Agricultural University

The prevalence of pathogenic multidrug resistant ESBL-producing Escherichia coli is rapidly increasing, thus becoming a global concern in veterinary and public health. Therefore, this study was designed to investigate the genotypes and multilocus sequence typing (MLST) of ESBL-producing E. coli from diverse dairy farms of China. The results showed that out of 150 E. coli isolates from 2038 mastitic milk samples belonging to 16 different provinces of China, a total of 20 % E. coli (n = 49) were confirmed as ESBL-producers by double disc synergy test and further PCR assays.

SPEAKER SLOTS AVAILABLE

Biography

EuroSciCon

Title: Effects of Plumage Colour on Measureable Attributes of Indigenous Chickens in North Central Nigeria

Joseph J. Okoh
Federal University of Kashere

The influence of plumage colour on measureable attributes of 6176 adult indigenous chickens of mixed sex from four states of the North Central Zone of Nigeria namely; Nasarawa, Niger, Benue, Kogi and the Federal Capital Territory (FCT) Abuja were assessed. The overall average body weight of the chickens was 1.95 ±0.03kg. The body weights of black, white, black/white, brown, black/brown, grey and mottled chicken however were 1.87±0.04, 1.94±0.04, 1.95±0.03, 1.93±0.03, 2.01±0.04, 1.96±0.04 and 1.94±0.14kg respectively. Only body length did not vary by plumage colour.

Title: The role of bone phosphorus, calcium and magnesium on bone reserves in native cattle grazing natural pasture during times of mineral stress induced by drought in Mogosane Village of North West Province, South Africa

B.G. Mokolopi
University of South Africa

Bone consists of calcium (Ca) and phosphorus (P) deposited within an organic collagen matrix. The highly porous nature of this matrix provides bone with an extensive surface area, making bone a highly labile source of both Ca and P and it serves as a metabolic reservoir for Ca, P and other minerals. Furthermore, as the P in the skeleton provides a large reserve, which may be mobilized when the diet is deficient in phosphorus, the measurement of bone minerals is important to evaluate P status.

Title: Effect of probiotic supplementation on growth performance, blood parameters, carcass and meat quality traits of Potchefstroom koekoek cockerels

Judith A. Atela
Egerton University

Probiotic supplementation is said to improve the gut microflora and physiological response of chickens, and thus could be a viable alternative to improve the performance of indigenous chickens. In order to test this hypothesis, a feeding trial was carried out over a period of 12 weeks to investigate the effects of a multi-strain probiotic feed additive on growth performance, blood parameters, carcass and meat quality characteristics of Potchefstroom koekoek cockerels.

SPEAKER SLOTS AVAILABLE

Biography

EuroSciCon

Title: Investigation of the presence of Quinolones Resistant Plasmid (qnrS, qnrB and aac (6) Ib-cr) in Escherichia coli isolated from the Poultry colibacillosis

Khatereh Kafshdouzan
University of Semnan

Colibacillosis is one of the most important bacterial infection in poultry industry that causes much economic losses annualy in the world wild. Quinolones are the most comman antibiotic groups which used to treat this disease. Due to the widespread use of these drugs, the number of strains resistant to these antibiotic is steadily increasing. Given the fact that food chain is the one of the most important way of transferring antibiotic resistance to human, the presence of resistance strains in poultry flocks is a serious threat to public health.

Title: The effect of supplementing leftover ground tea to a grass hay ration on the body weight of yearling sheep

Tedros Teshome
Aladin Yurdu Tel, Konya

This experiment was conducted in HAC Dairy Farm located in Zoba Anseba for a period of 60 days to examine the effect of supplementing left over ground tea to a grass hay ration on the body weight of yearling sheep. Six yearling sheep were used in the trial using CRD with three replications and two treatments. From the feeding trial conducted it was shown that left over ground tea has significant effect on body weight gain of sheep at 5% level of significance.

Title: Blood biochemical responses differ among native and crossbred cattle during summer and winter season

Tejaswi veligatla
Indian Veterinary Research Institute

The present study was undertaken to evaluate the adaptive capability between native and crossbred cattle during summer and winter using certain serum biochemical variables such as total protein, albumin, glucose, blood urea nitrogen, creatinine, and cholesterol. 18 apparently healthy lactating cattle of same age group between 4 to 5 years were selected and divided into three groups (n= 6) with consideration of breed as Group I: Sahiwal, Group II: Tharparkar, Group III: Crossbred. Blood samples were collected from each animal for 6 weeks during summer winter.

SPEAKER SLOTS AVAILABLE

Biography

EuroSciCon

Title: Mobilized Colistin Resistance Genes and Selected *tet* Genes in Multidrug Resistant *Escherichia coli* circulating in Poultry, Food and Human Sources in Bangladesh

Tridip Das
Chittagong Veterinary and Animal Sciences University

The antimicrobial resistance (AMR) is rapidly spreading not only in pathogenic but also in commensal bacteria. Consequently, the latter becomes a reservoir pool for resistance genes, contributing to their transfer to other zoonotic pathogens over time. A cross-sectional survey was conducted to investigate the AMR patterns along with the presence of the mobilized colistin resistance (mcr) genes and three selected tet genes in commensal Escherichia coli circulating in poultry, street food and human sources.

Title: Camel pox, Epidemiology, Diagnosis and Control

Abubakr M. I
Kingdom of Bahrain

Camel pox is an economically important contagious skin disease of camelids caused by camel pox orthovirus (1, 2, 3, 6, 9 and 10).It is characterized by mild local skin infection and less common severe systemic infections. The disease is confined to camel-rearing belts particularly in developing countries and causes economic impact due to considerable loss in terms of morbidity, mortality, loss of weight and reduction in milk yield. Both inactivated and live-attenuated vaccines are available. However, live vaccines are preferred as they provide long-lasting immunity.

Title: Effects of Fennel Extract on Egg Production, Antioxidant Status and Bone Attributes of Laying Hens Administered Carbon Tetrachloride

Hadavi A L
Ferdowsi University of Mashhad

An experiment was conducted to study the effects of carbon tetrachloride (CCl4) on post-peak performance and serum enzymes of Hy-Line W-36 laying hens from 32-36 weeks of age. The experiment was carried out with a total of 192 laying hens in a completely randomized block design. During the experiment laying hens were allocated to 4 groups consisted of T1) no CCl4 as control diet, T2, T3 and T4) control diet supplemented with 1, 3 and 5 mL CCl4/100 g diet, respectively.

SPEAKER SLOTS AVAILABLE

Biography

EuroSciCon

Title: Sequencing of scrapie related PRNP gene in Ethiopian native sheep running title-Prion gene polymorphism in Ethiopian sheep

Eden Yitna Teferedegn
Ege University

Over the past several decades, prion gene (PRNP) has being one of the critical genes in sheep wellbeing and production. Efforts are being made to genetically characterize local breeds in determining resistance/susceptible haplotypes across the globe. However, such works have never addressed developing countries such as Ethiopia where livestock is the main economic source. The present study aimed to provide a set of data on the scrapie related alleles' polymorphisms in the coding region of PRNP and infer the finding to determine scrapie status of the country.

Title: Ambient Temperature Associated Variations in Serum Ornithine Carbamoyl Transferase and Gamma-Glutamayl Transferase in Marwari Goats

Gurdeep Kour
Fiji National University

The research was conducted to study the ambient temperature associated variation in serum enzymes viz. Gamma-glutamayl transferase (GGT) and Ornithine carbamoyl transferase (OCT) of hepatic function in 540 apparently healthy Marwari goats. Each ambient temperature was divided in moderate, hot and cold period. 180 blood samples in each ambient temperature period were collected. Animals were grouped according to sex (90 male and 90 female) in each ambient temperature period.

Title: Molecular and Morphological Investigations of the Effect of Thermal Manipulation during Embryogenesis on Thermo-tolerance and Muscle Structure in Broilers

Abdulhafez S.A Dalab
King Faisal University

Heat stress considered the main problem that facing small and medium size broiler farms that subsequently reduce the quality and quantity of broiler meat production. The aims of this study were to determine the optimum timing of thermal manipulation (TM) during embryogenesis that may result in improvement of body performance and thermotolerance acquisition parameters in pectoral and thigh muscles during embryogenesis and during subsequent thermal challenge (TC) at post-hatch day 35.

SPEAKER SLOTS AVAILABLE

Biography

EuroSciCon

Title: Meta-analysis of the probiotic effect of yeast (*Saccharomyces cerevisiae*) on egg productions in laying hens

Ogbuewu I. Princewill
University of South Africa

The aim of this study was to determine the probiotic effect of yeast on egg production in commercial laying hens using a meta-analysis. Peer-reviewed papers published in English were retrieved from AGORA, Scopus, Science Direct and Google Scholar databases. To guarantee quality and reduce bias, the authors designed the following condition each paper must satisfy to be included in the study. Studies were included if they have randomized and control trial, reported egg production and a measure of dispersion (i.e. standard error, the standard deviation) for each effect.

Title: Internal parasites: A threat to livestock

Asma Waheed Qureshi
GC Women University

Livestock has great importance all over the world as it meets the demand of milk, meat, leather and fur production. Not only bacterial and viral diseases, the parasites also cause great economic loss to livestock in terms of morbidity, weight loss, decrease in milk yield and low quality of leather. Internal parasites cause more severe infections to animals which may be protozoan or helminthes. Methodology: Blood and Intestinal parasites from Buffaloes, cattle, sheep and goat were analyzed by preparing Blood smear and fecal samples smear, respectively.

Title: Assessment and control of endotoxin contamination in baby hamster kidney tissue culture

Assem A Mohamed
Veterinary Serum and Vaccine Research Institute

The presence of endotoxin in the products for injection can result in pyrogenic responses ranging from fever and chills, to irreversible and fatal septic shock.

Objective: Screening and control the endotoxin levels during propagation of Baby Hamster Kidney (BHK) tissue culture used in the preparation of Foot and Mouth Disease (FMD) vaccine in veterinary serum and vaccine research institute (VSVRI).

SPEAKER SLOTS AVAILABLE

Biography

EuroSciCon

Title: Mycoplasma gallisepticum modifies virus shedding and immune response of Newcastle disease virus in broilers

Qamar-un-Nisa
University of Veterinary and Animal Sciences

Respiratory diseases are responsible for major economic losses in poultry farms. Newcastle Disease Virus (NDV) infections cause huge economic losses in poultry industry especially in the presence of other co-infecting pathogens. The purpose of this study was to assess the less understood effect of Mycoplasma Gallisepticum (MG) on the replication and immune responses of NDV in broiler chicken. Three-week-old commercial broiler chickens were inoculated with either NDV, MG or both etiological agents.

Title: Effects of feeding graded levels of baobab (*Adansonia digitata*) pulp meal on Heamotlogy and serum Biochemistry of Broiler Chickens

Lawan Adamu
Federal University Gashua

Three experiments were conducted to evaluate the effects of feeding graded levels of baobab (*Adansonia digitata*) pulp on Heamotlogy and Serum Biochemistry of Broiler Chickens. The experiments lasted for eight weeks. Three hundred broiler (Anak) chickens were allotted to five treatments replicated thrice with 20 birds per replicate in a completely randomized design. The inclusion levels of the BPM in the diets were 0, 5, 10, 15 and 20%. Data collected were subjected to analysis of variance and significant differences among treatment means were compared using the Dunnet Test.

Title: Assessment of Community Knowledge, Attitude and Practices on Selected Zoonotic Diseases in and around Hirna Town, Western Hararge, Ethiopia

Tilahun Bekele Hailemariam
Wollo University

The study was conducted from November 2017 to June 2018 in and around hirna town, western hararge zone to assess community knowledge, attitude and practices on selected zoonotic diseases. For this cross-sectional study, a simple random sampling procedure was employed to select study participants from six kebeles, smallest administrative zones. Then, 64 households were selected and interviewed from each kebeles. A structured questionnaire was used to collect the data through face-to-face interviews among 384 respondents.

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GLIMPSES OF VETERINARY CONFERENCE















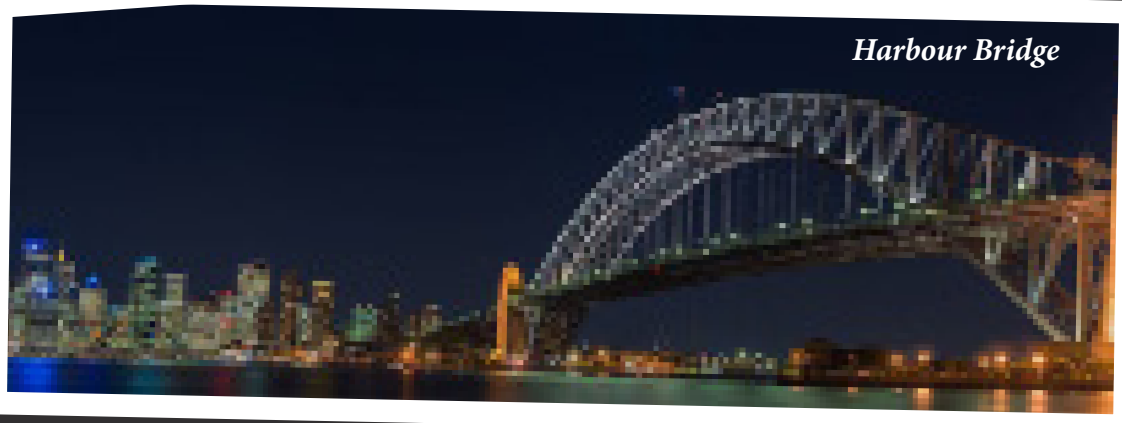


City Attractions

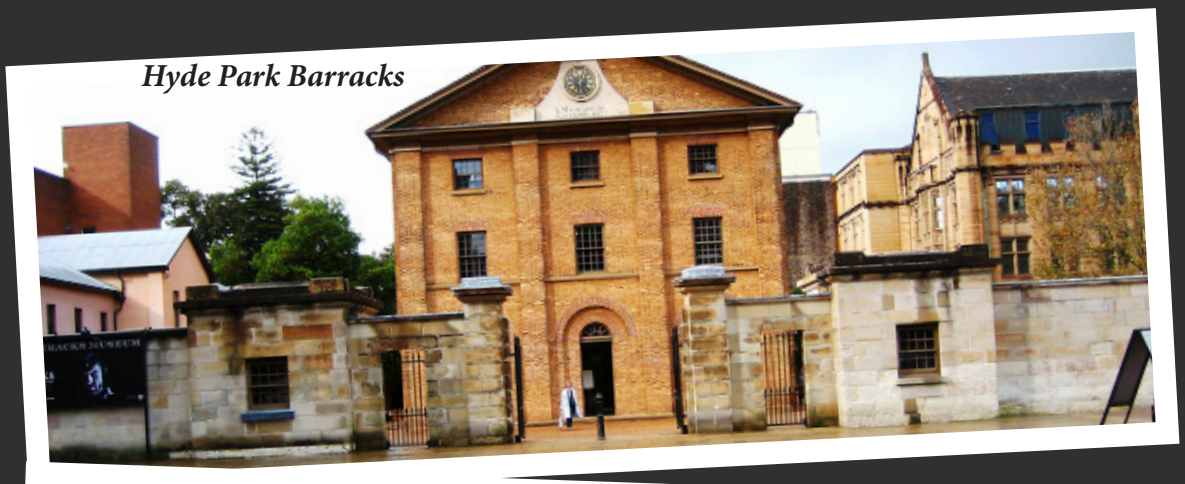








City Attractions



Hyde Park Barracks



Australian National Maritime Museum



Shark Island



Taronga Zoo