109th OMICS Group Conference

Scientific Program

International Conference on

OMICS Group Conferences
Accelerating Scientific Discovery

Animal & Dairy Sciences

July 23-24, 2013 Embassy Suites Las Vegas, NV, USA



"Organize your Events at OMICS Group Conferences"

Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to *symposia@omicsonline.org*

OMICS Group Conferences
5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA
Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: *animalscience2013@omicsonline.com*

Day 1 July 23, 2013

08:30-09:30 **Registrations**

Tropicana-1

09:30-09:50 **Opening Ceremony**

Keynote Forum

09:50-09:55 Introduction

09:55-10:20 **Daniel Y. C. Fung**
Kansas State University, USA

10:20-10:45 **Pietro Celi**
The University of Sydney, Australia

Coffee Break 10:45-11:00 @ Atrium

11:00-11:25 **Elie K. Barbour**
American University of Beirut, Lebonon

11:25-11:50 **Junichi Takahashi**
Obihiro University, Japan

Felicitation to OCM's and EB Members

Group Photo

Track 1: Animal Biology
Track 2: Animal Health and Nutrition
Track 5: Animal Diseases

Session Chair: Yinduo Ji, University of Minnesota, USA

Session Co-Chair: Dipti Pitta, University of Pennsylvania, USA

Session Introduction

11:50-12:10 **Title: Myostatin facilitates slow and inhibits fast myosin heavy chain expression during myogenic differentiation**
Shihuan Kuang, Purdue University, USA

12:10-12:30 **Title: A metabolomics-based approach to understanding metabolic disease caused by overnutrition in monogastric and ruminant animals**
Joseph W. McFadden, West Virginia University, USA

12:30-12:50 **Title: Differential regulation of Alpha-Toxin expression by SNPs in *Staphylococcus aureus* isolates of Bovine Mastitis**
Yinduo Ji, University of Minnesota, USA

12:50-13:10 **Title: Rumen bacterial diversity in steers with frothy bloat**
Dipti Pitta, University of Pennsylvania, USA

Lunch Break 13:10-13:55 @ Atrium

13:55-14:15 **Title: Recent progress of animal cloning**
Yoko Kato, Kinki University, Japan

14:15-14:35 **Title: A new model of Koch´s postulate created by non- attenuated vaccine strains of *Eimeria* Spp. in broilers**
Elie Barbour, American University of Beirut, Lebanon

14:35-14:55 **Title: Mixed modalities: Using bioacoustics and optical cues to influence behavior of ring billed gulls, Larus delawarensis, in Rouses Point, NY**
Caitlin A. Lecker, SUNY-Empire State College, USA

14:55-15:15 **Title: Impact of heavy metals and pesticides residues on animal health**
Sarnarinder Randhawa, Guru Angad Dev Veterinary and Animal Sciences University, India

15:15-15:35 **Title: Zinc oxide as an effective mineral for induced moulting: Effects on post moult performance of laying hens in the humid tropics**
Machebe Ndubuisi Samuel, University of Nigeria, Nigeria

15:35-15:55 **Title: Current situation of poultry respiratory diseases in Egypt**
Mohamed Shakal, Cairo University, Egypt

Coffee Break 15:55-16:10 @ Atrium

Track 3: Animal Breeding and Genetics
Track 4: Animal Biotechnology

Session Chair: Zoltan Machaty, Purdue University, USA

Session Co-Chair: S.K. Pyne, Visva-Bharati University, India

Session Introduction

16:10-16:30 **Title: Calcium influx during fertilization in mammalian oocytes**
Zoltan Machaty, Purdue University, USA

16:30-16:50 **Title: Is altering endogenous progesterone production from the corpus luteum the answer to improving and controlling reproduction in dairy cattle?**
Tracy L. Davis, University of Idaho, USA

16:50-17:10 **Title: The use of Partial Least Square (PLS) to explore the importance of *in vitro* sperm characteristics in the prediction of bull fertility**
Leticia Zoccolaro Oliveira, Centro Universitario de Rio Preto, Brazil

17:10-17:30 **Title: Adapting poultry production in Nigeria to climate change: Economics of micronutrient supplementation on egg production of laying birds**
Onyimonyi Anselm Ego, University of Nigeria, Nigeria

17:30-17:50 **Title: Microbial community dynamics in the rumen associated with feeding dryforage and concentrate in different proportions in Mehshana buffalo (*Bubalis bubalis*) using 454/Roche sequencing technology**
Dipti Pitta, University of Pennsylvania, USA

17:50-18:10 **Title: Inter-relationship of mammary adipose and epithelial stem cells and the determination of myogenic satellite cells potential in regenerating diseased mammary gland in ruminants**
Naresh Kumar Singh, Kangwon National University, Republic of Korea

18:10-18:30 **Title: An Evaluation of poultry viscera as an alternative of fishmeal among common fish feed ingredients**
S.K. Pyne, Visva-Bharati University, India

Tropicana-2

14:10-15:10 **Poster Presentations**

18:30-19:15 Cocktails: Sponsored by **Journal of Veterinary Science & Technology**

Day 2 July 24, 2013

Tropicana-1

Track 6: Veterinary Medicine and Treatment
Track 7: Animal Models and Testing
Track 8: Animal Ecology

Session Chair: G.C. Fthenakis, University of Thessaly, Greece

Session Co-Chair: Niel A. Karrow, University of Guelph, Canada

Session Introduction

09:30-09:50 **Title: Semaphorin 7A as a potential target for treating flaviviral infections**
Hameeda Sultana, Old Dominion University, USA

09:50-10:10 **Title: Effects of turmeric (*Curcuma longa*) and durba (*Cynodondactylon*) on the healing of surgical wounds in cattle (*Bos indicus*)**
Nasrin Sultana Juyena, Bangladesh Agricultural University, Bangladesh

10:10-10:30 **Title: Zebrafish, a great tool for drug development**
Jijun Hao, Western University of Health Sciences, USA

10:30-10:50 **Title: Phenotyping challenges in genetically engineered mice**
Tamas Nagy, University of Georgia, USA

Coffee Break 10:50-11:05 @ Atrium

11:05-11:25 **Title: Fishmeal supplementation during pregnancy may help protect against maternal stress-induced programming of the ovine fetal neuroendocrine-immune system**
Niel A. Karrow, University of Guelph, Canada

11:25-11:45 **Title: A peptide of the ribosomal protein P0 shows a high efficacy as vaccine against ticks**
Alina Rodriguez Mallon, Center for Genetic Engineering and Biotechnology, Cuba

11:45-12:05 **Title: Activity of milk leukocytes in response to a biological response modifier during bovine subclinical mastitis**
Ujjwal Kumar De, Indian Veterinary Research Institute, India

12:05-12:25 **Title: Foetal wastage in livestock slaughtered at Nsukka abattoir, Nigeria**
Abonyi Festus Otaka, University of Nigeria, Nigeria

12:25-12:45 **Title: Applications of probiotic administration in prevention and therapy of Small Animal Diseases**
Marcella D. Ridgway, University of Illinois College of Veterinary Medicine, USA

12:45-13:05 **Effects of c9,t11- and t10, c12- conjugated linoleic acid on 3T3-L1 adipose cell culture: Novel fatty acid metabolites and lipogenic gene expression**
Tyler Turner, Agriculture & Agri-Food Canada, Canada

Lunch Break 13:05-13:50 @ Atrium

Track 9: Milk and Milk Products
Track 10: Dairy Technology

Session Chair: G.C. Fthenakis, University of Thessaly, Greece

Session Co-Chair: Niel A. Karrow, University of Guelph, Canada

Session Introduction

13:50-14:10	**Title: Use of high hydrostatic pressure for the preservation of camel's milk** **Siddig H. Hamad,** King Faisal University, Saudi Arabia
14:10-14:30	**Title: Characteristics of milk production of pure-bred skopelos goats in greece** **G.C. Fthenakis,** University of Thessaly, Greece
14:30-14:50	**Title:Proteolysis and sensory properties of probiotic gouda cheese** **El-Sayed El-Tanboly,** Cairo University, Egypt
14:50-15:10	**Title: E-BMHW-effects of Bovine Somatotropin on milk yield, mammary gland weight and its histomorphological features in west african dwarf goats** **I.J. James,** Federal University, Nigeria
15:10-15:30	**Title: Effects of udder stimulation, stage of lactation and parity on milk yield in West African Dwarf (WAD) sheep** **Tolulope J. Williams,** Federal University of Agriculture, Nigeria

Award Ceremony

Coffee Break 15:30-15:45 @ Atrium

Bookmark your dates

OMICS Group Conferences
Accelerating Scientific Discovery

2nd International Conference and Exhibition on Animal & Dairy Sciences

September 29-October 01, 2014 Australia



OMICS Group Inc.
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
omicsonline@omicsonline.com

OMICS Publishing Group
5716 Corsa Ave., Suite 110, Westlake
Los Angeles, CA 91362-7354, USA
Ph: +1-650-268-9744
Fax: +1-650-618-1414
omicsonline@omicsonline.org

OMICS Group
SEZ Unit, Building No. 20, 9th Floor
APIIC Layout, HITEC City
Hyderabad-500081, AP, INDIA
Ph: 040-40131823, 040-47482222
omicsgroup@omicsgroup.org

Toll free
USA & Canada: 1-800-216-6499
Australia: 1-800-651-097
Europe: 0805-080048