Sri Lanka Veterinary Association

Annual Scientific Sessions
26th May 2017

Programme and Abstracts of Scientific Sessions

Plant Genetic Resource Centre (PGRC)
Gannoruwa, Peradeniya
Programme

08.30 – 09.00 Registration
09.00 – 10.00 Opening Ceremony
09.00 – 09.10 National Anthem and Lighting of Oil Lamp
09.10 – 09.15 Welcome address: Prof. Basil Alexander, President, Sri Lanka Veterinary Association
09.15 – 09.50 Key Note Address: Prof. Ryan Brook, College of Agriculture and Bioresources, University of Saskatchewan, 51 Campus Drive, Saskatoon, SK, S7N 5E2, Canada
09.50 – 10.00 Vote of Thanks - Dr. M.N.M. Fouzi, Assistant Secretary, Sri Lanka Veterinary Association
10.00 – 10.15 Tea – Lobby

Technical Sessions I (Common session)
10.15 – 12.15 Clinical and Case Reports - Main Auditorium
12.15 – 13.00 Lunch – Lobby

Technical Sessions II (Parallel Sessions)
13.00 – 15.30 Animal Health - Main Auditorium
13.00 – 14.45 Animal Production - Small Auditorium
15.30 – 15.45 Tea

Technical Session III (Common Session)
15.45 – 16.30 Poster Session – Lobby
End of the program
Technical Session I (Common Session)
Clinical and Case Reports - Main Auditorium
Chairperson: Dr. D.S. Kodikara

10.15 Ultrasonographic changes of pancreas and peripancreatic structures of dogs attributed to ingestion of Durian

10.30 Successful correction of congenital leg deformities of two puppies with Ponseti casting technique

10.45 Prognostic relevance of cytological grades and subtypes of lymphomas (using the updated Kiel’s classification) in forty cases of canine lymphomas

11.00 Diagnosis of canine cranial cruciate ligament disease and treatment using the Fabellotibial suture technique
M. Seneviratne, D. Siriwardene, J. Collure, N. Obeysekere

11.15 Ultrasounographic characteristics of Sciatic nerve in Canine distemper myoclonus
W.H.M.T.C. Chinthana Wijekoon, K.A.N. Wijayawardhane, W.R.B. Kumara

11.30 An outbreak of Haemorrhagic septicaemia in the Navithanveli veterinary range in Ampara district, Sri Lanka
M.W.D.C. Weerathunga, J.K.H. Ubeyratne, M.A. Nadheer

11.45 Anaplasma marginale infection confirmed by Major Surface Protein (MSP) 5 gene sequencing

12.00 Isolation and identification of Brucella melitensis from a swine herd in Sri Lanka
Technical Session II (Parallel Sessions)
Animal Health - Main Auditorium
Chairperson: Dr. Ranjini Hettiarachchi

13.00 Identification of *Mycoplasma gallisepticum* from Chronic Respiratory Disease (CRD) suspected poultry flocks
*K.M.S.G. Weerasooriya, P.S. Fernando, N. Liyanagunawardena, M. Wijemuni*

13.15 Prevalence and Economic impact of Contagious Pustular Dermatitis disease of Goats in Sri Lanka
*S. Piratheepan, E.R.K. Perera, S. Puvanendiran*

13.30 Re-emerging of Haemorrhagic Septicaemia in Sri Lanka

13.45 Occurrence of Brucellosis in cattle and buffalo in Trincomalee district during 2011-2016
*T. Mayurathi, T. Nirogini, K.G.S.K. Ranathunga, K.M.S.G. Weerasooriya, S. Puvanendiran*

14.00 Prevalence of *Salmonella, Campylobacter, Escherichia coli, Staphylococcus* spp and detection of antimicrobial resistance (AMR) associated with *E. coli* isolated from commercial poultry layer farms in Kurunegala district
*S.A.I.C. Subhasinghe, H.M.T.K. Karunaratha, S. Uluwatta, R.S. Kalupahana, K.S.A. Kottawatta*

14.15 Effect of water temperature on the occurrence of iridovirus in Asian sea bass (*Lates calcarifer*)
*M.N.M. Fouzi, V. Sakajamary*

14.30 Monitoring of *Theileria orientalis* major piroplasm surface protein (mpsp) genotypes in cattle in Polonnaruwa and Nuwara Eliya districts of Sri Lanka
*T. Sivakumar, H. Kothalawala, S.S.P. Silva, S. Puvanendiran, N. Yokoyama*

14.45 Reporting the preliminary results of synthesizing a thermosensitive nanoparticle to target solid tumors
*S.M. Wijayarathna, B.R. Fernando*

15.00 Evaluating immune memory resilience using sheep lymphatic cannulation model
*Thilini A.N. Mahakapuge, Musammat Nahar, Alison L. Every, Jean-Pierre Y. Scheerlinck*

15.15 Sero-prevalence of *Neospora caninum* antibodies in a dairy farm
*N.D. Senasinghe, S. Chandrasekera, S.S. Iddamaldeniya, N.C. Gamagedara, A.H.M. Athapaththu*
Technical Session II (Parallel Sessions)
Animal Production – Small Auditorium
Chairperson: Dr. S.P. Gunarathne

13.00 Development of an online feed formulation platform by transforming grouped square method into a computer automated software
H.M.K.M. Herath, L.J.P.A.P. Jayasooriya, D.A. Satharasinghe

13.15 Antimicrobial use and Emerging Multi-Drug Resistant ESBL producing Escherichia coli in northern poultry production in Sri Lanka
Muralithas Mahalingam, Warangkhana Chaisowwong, Arumugam Murugananthan, Kalamathy Murugananthan, Maximilian P.O. Baumann, Uwe Rösler

13.30 Study on Beta casein A1 and A2 polymorphism in Ayrshire and Holstein Friesian dairy cattle populations in two upcountry dairy farms
Ruwini K. Rupasinghe, Saumya Wickramasinghe

13.45 Antimicrobial resistance of contaminating bacteria of curd and yoghurt produced by small-scale processors in Kandy district
P.P. Jayasekara, J.C. Hapugoda, S.A.I.C. Subhasinghe, R.S. Kalupahana

14.00 Lessons learnt from the Heifer Calves Rearing (HCR) scheme in Vaddukkodai, Jaffna
Nirojini Arulrasa, Komathy Maheswaran, Muraliths Mahalingam

14.15 Evaluation of farmer attitudes on dairy cattle welfare in Central province of Sri Lanka

14.30 Assessment of suitability of indirect milk quality tests in determining the microbial load of raw milk
Technical Session III
Posters – Lobby

1 Correction of premolar and molar tooth malocclusions in a Rabbit: A case study
   Chandika Wickramasinghe, K.K.N. Lknath, C.G. Wijesinghe
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2 Successful correction of a colorectal obstruction in a dog- A case Report
   S. Pemachandra, W.S. Gothami, P.G. Eshwara, C. Kodithuwakku, L. Ranasinghe, L. Nanayakkara
   29

3 Tetanus in a dog after whelping: A case-report
   30

4 Successful management of canine diabetes using human insulin injection
   M.K. Widurusinghe, S. L.S.K. Peramune, J.C.N. Jayasinghe
   31

5 Ovarian Adenocarcinoma in backyard poultry in Homagama veterinary range, Sri Lanka
   S.K.S. Rathnasiri, D.A. Gamage, G.I.S. Perera
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6 Histopathological confirmation of pulmonary aspergillosis in a captive Flamingo in Sri Lanka
   33

7 Wild-type Edwardsiella tarda, possible cause of unnatural mass death of Asian Openbill (Anastomus oscitans) at Kotuatthawala bird sanctuary in Nikawaratiya
   34

8 Survey of bacterial flora in the nasal cavity of horses in an upcountry stable
   35

9 Existing knowledge on Foot and Mouth Disease among livestock farmers in the Ampara district of Sri Lanka
   P.M. Akalanka, R. Hettiarachchi, L.G.S. Lokugalappatti, Ryan K. Brook
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10 Possibility of using Cyclea peltata plant extract as a substitute for Gelatin in set yoghurt
    R.A.D.D. Ranathunga, M.N.P. Perera, R.M.C. Deshapriya
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11 Possibility of application of TiO2 photocatalytic technique to reduce the bacterial count in bovine milk
    M.T.I. Hansika, R.M.C. Deshapriya, G.R.A. Kumara
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