

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
	<i>Technical Sessions I (Common session)</i>
10.15 – 12.15	Clinical and Case Reports - Main Auditorium
12.15 – 13.00	Lunch – Lobby
	<i>Technical Sessions II (Parallel Sessions)</i>
13.00 – 15.30	Animal Health - Main Auditorium
13.00 – 14.45	Animal Production - Small Auditorium
15.30 – 15.45	Tea
15.45 – 16.30	<i>Technical Session III (Common Session)</i> 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 <i>A.M.U. Atapattu, W.R.B. Kumara, D.R.A. Dissanayake</i>	3
10.30	Successful correction of congenital leg deformities of two puppies with Ponseti casting technique <i>M.L.W.P. De Silva, D.D.N. De Silva, W.R.B. Kumara</i>	4
10.45	Prognostic relevance of cytological grades and sub types of lymphomas (using the updated Kiel's classification) in forty cases of canine lymphomas <i>H.M.H.S. Ariyaratna, T.M.S.K. Piyadasa, A.M.U. Atapattu, D.G.S.S. Bulumulla, M.L.W.P. de Silva, A.S. Lenagala, P.N. Uyanwatta, E.R.K.V. Edirimanne, M.G.C.M. Jayasinghe, W.R.B. Kumara, R.A.D.E. Indrajith, A.M.R.B. Adikari, I.D. Silva, D.D.N. De Silva</i>	5
11.00	Diagnosis of canine cranial cruciate ligament disease and treatment using the Fabelotibial suture technique <i>M. Seneviratne, D. Siriwardene, J. Collure, N. Obeysekere</i>	6
11.15	Ultrasounographic characteristics of Sciatic nerve in Canine distemper myoclonus <i>W.H.M.T.C. Chinthana Wijekoon, K.A.N. Wijayawardhane, W.R.B. Kumara</i>	7
11.30	An outbreak of Haemorrhagic septicaemia in the Navithanveli veterinary range in Ampara district, Sri Lanka <i>M.W.D.C. Weerathunga, J.K.H. Ubeyratne, M.A. Nadheer</i>	8
11.45	<i>Anaplasma marginale</i> infection confirmed by Major Surface Protein (MSP) 5 gene sequencing <i>S.S. Iddamaldeniya, K.H.D.T. Kasagala, K.G.J.S. Disnaka, N.D. Senasighe, N.A.D.E.M. Gunasekera, A.M.H. Atapattu, N.C. Gamagedera, G.M. Ranasinghe</i>	9
12.00	Isolation and identification of <i>Brucella melitensis</i> from a swine herd in Sri Lanka <i>P.S. Fernando, K.M.S.G. Weerasooriya, N. Liyanagunawardena, W.M.P.B. Bandara, M.N.D. Munasingha, M.I. Wijemuni</i>	10

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 11
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 12
S. Piratheepan, E.R.K. Perera, S. Puvanendiran
- 13.30 Re- emerging of Haemorrhagic Septicaemia in Sri Lanka 13
P.S. Fernando, K.M.S.G. Weerasooriya, N. Liyanagunawardena, M.D.N. Jayaweera, H.P.V.D.S. Bandara, S.A. Thalagoda, S.K. Gunathilake, P.M.K. Abayaratne, D.M.S.N.B. Dissanayake
- 13.45 Occurrence of Brucellosis in cattle and buffalo in Trincomalee district during 2011-2016 14
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 15
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*) 16
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 17
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 18
S.M. Wijayarathna, B.R. Fernando
- 15.00 Evaluating immune memory resilience using sheep lymphatic cannulation model 19
Thilini A.N. Mahakapuge, Musammam Nahar, Alison L. Every, Jean-Pierre Y. Scheerlinck
- 15.15 Sero-prevalance of *Neospora caninum* antibodies in a dairy farm 20
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

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|-------|---|----|
| 13.00 | Development of an online feed formulation platform by transforming grouped square method into a computer automated software
<i>H.M.K.M. Herath, L.J.P.A.P. Jayasooriya, D.A. Satharasinghe</i> | 21 |
| 13.15 | Antimicrobial use and Emerging Multi-Drug Resistant ESBL producing <i>Escherichia coli</i> in northern poultry production in Sri Lanka
<i>Muralithas Mahalingam, Warangkha Chaisowwong, Arumugam Murugananthan, Kalamathy Murugananthan, Maximilian P.O. Baumann, Uwe Rösler</i> | 22 |
| 13.30 | Study on Beta casein A1 and A2 polymorphism in Ayrshire and Holstein Friesian dairy cattle populations in two upcountry dairy farms
<i>Ruwini K. Rupasinghe, Saumya Wickramasinghe</i> | 23 |
| 13.45 | Antimicrobial resistance of contaminating bacteria of curd and yoghurt produced by small-scale processors in Kandy district
<i>P.P. Jayasekara, J.C. Hapugoda, S.A.I.C. Subhasinghe, R.S. Kalupahana</i> | 24 |
| 14.00 | Lessons learnt from the Heifer Calves Rearing (HCR) scheme in Vaddukkodai, Jaffna
<i>Nirojini Arulrasa, Komathy Maheswaran, Muraliths Mahalingam</i> | 25 |
| 14.15 | Evaluation of farmer attitudes on dairy cattle welfare in Central province of Sri Lanka
<i>H.A.D.K. Senanayake, T.S. Samarakone, E. Rajapaksha, W.P.C.G. Weerasinghe, M.P.B. Wijayagunawardane</i> | 26 |
| 14.30 | Assessment of suitability of indirect milk quality tests in determining the microbial load of raw milk
<i>M.K.U.T. Amarasiri, B.R. Fernando, P.S. Fernando, R.S. Kalupahana</i> | 27 |

Technical Session III
Posters – Lobby

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|----|--|----|
| 1 | Correction of premolar and molar tooth malocclusions in a Rabbit: A case study
<i>Chandika Wickramasinghe, K.K.N. Laknath, C.G. Wijesinghe</i> | 28 |
| 2 | Successful correction of a colorectal obstruction in a dog- A case Report
<i>S. Pemachandra, W.S. Gothami, P.G. Eshwara, C. Kodithuwakku, L. Ranasinghe, L. Nanayakkara</i> | 29 |
| 3 | Tetanus in a dog after whelping: A case-report
<i>W.H.M.T.C. Wijekoon, N.C. Gunarathne, G.M.G.C.K. Premachandra, H.M.D.N. Shyamali, M.D.H.S. Mallikarachchi, A.M.R.B. Adhikari, M.G.C.M. Jayasinghe, K.A.N. Wijayawardhane</i> | 30 |
| 4 | Successful management of canine diabetes using human insulin injection
<i>M.K. Widurusinghe, S. L.S.K. Peramune, J.C.N. Jayasinghe</i> | 31 |
| 5 | Ovarian Adenocarcinoma in backyard poultry in Homagama veterinary range, Sri Lanka
<i>S.K.S. Rathnasiri, D.A. Gamage, G.I.S. Perera</i> | 32 |
| 6 | Histopathological confirmation of pulmonary aspergillosis in a captive Flamingo in Sri Lanka
<i>G.I.S. Perera, S.M.T.S. Manchanayake, P.S. Fernando, D.K. Sonnadara, D.M. Nambuge, S.K.S. Rathnasiri</i> | 33 |
| 7 | Wild-type <i>Edwardsiella tarda</i> , possible cause of unnatural mass death of Asian Openbill (<i>Anastomus oscitans</i>) at Kotuathhawala bird sanctuary in Nikawaratiya
<i>J.K.H. Ubeyratne, G.M.C.R. Karunarathne, M.D.N. Jayaweera, K.H.D.T. Kasagala, W.M.P. Bandara, H.P.V.D.S. Bandara, G.A.T. Prasad, P.A.U. Kariyawasam, S.K. Gunathilake</i> | 34 |
| 8 | Survey of bacterial flora in the nasal cavity of horses in an upcountry stable
<i>W.M.N.K. Jayathilake, G.D.R.K. Perera, H.R.N. Jinadasa</i> | 35 |
| 9 | Existing knowledge on Foot and Mouth Disease among livestock farmers in the Ampara district of Sri Lanka
<i>P.M. Akalanka, R. Hettiarachchi, L.G.S. Lokugalappatti, Ryan K. Brook</i> | 36 |
| 10 | Possibility of using <i>Cyclea peltata</i> plant extract as a substitute for Gelatin in set yoghurt
<i>R.A.D.D. Ranathunga, M.N.P. Perera, R.M.C. Deshapriya</i> | 37 |
| 11 | Possibility of application of TiO ₂ photocatalytic technique to reduce the bacterial count in bovine milk
<i>M.T.I. Hansika, R.M.C. Deshapriya, G.R.A. Kumara</i> | 38 |