

Climate Change on Disease & Health Management of Animals

ORAL PRESENTATIONS

TECHNICAL SESSION I: 10.15-12.15

VENUE: Department of Farm Animal Production and Health,
Faculty of Veterinary Medicine & Animal Science, University
of Peradeniya

Chairperson: Prof. B. Marambe

10.15	INDIGENOUS PRACTICES IN TRADITIONAL LIVESTOCK PRODUCTION IN SRI LANKA <i>A.N.F. Perera</i> Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka
10.35	ZEBRAFISH AS A MODEL FOR BIOMEDICAL RESEARCH <i>Mahanama De Zoysa</i> College of Veterinary Medicine (BK21 Plus Program), Chungnam National University, Daejeon, Republic of Korea
10.55	SUSTAINABLE LIVESTOCK SYSTEMS UNDER VARIABLE CLIMATE <i>G.L.L.P. Silva</i> Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka
11.15	APPLICATION OF HERB EXTRACTS FOR PREVENTION OF VIRUS INFECTION <i>Byeong-Hoon Lee and Jong-Soo Lee</i> Lab. of Veterinary Microbiology, College of Veterinary Medicine (BK21 Plus Program), Chungnam National University, Daejeon, Republic of Korea
11.35	DETERMINATION OF BIOACTIVE POTENTIAL OF SEAWEEDES <i>A.P. Jayasooriya, R. Jinadasa1, S.A.M. Kularathne, T. Madujith, A.J. Hilmi, G. Prathapasinghe and R.P.V.J. Rajapakse</i> University of Peradeniya, Sri Lanka
11.55	VASORELAXATION EFFECT OF <i>PSORALEA CORYLIFOLIA</i> EXTRACT ON RAT THORACIC ARTERY <i>Addis Kassahun and Kyu Pil Lee</i> College of veterinary Medicine (BK21 plus Program), Chungnam National University, Daejeon, Republic of Korea

TECHNICAL SESSION II: 13.15-15.15

VENUE: Department of Farm Animal Production and Health,
Faculty of Veterinary Medicine & Animal Science, University
of Peradeniya

Chairperson: Prof. P. Abeynayake

13.15	HEPATOPROTECTIVE INDIGENOUS HERBAL RECIPES: EFFECTIVENESS OF <i>OSBECKIA OCTANDRA</i> (HEEN BOWITTIYA) <i>M.P.B. Wijayagunawardane, K.H.M.C.U.B. Wijerathne1, B.R.S. Bogahawaththa, E.H. Siriweera, C.B. Herath</i> University of Peradeniya, Sri Lanka
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13.35	PHENOTYPIC CHARACTERIZATION AND <i>EX-SITU IN VITRO</i> CONSERVATION OF JAFFNA LOCAL SHEEP, AN ENDANGERED BREED INDIGENOUS TO SRI LANKA <i>W.M.T.D. Rathnakumaral, W.W. Abeygunawardena, M.L.N.A.R. Deepani, A.A.A.W.K. Amarasinghe, L.G.S. Lokugalpatti, L.W.N. Samaranyake, D.R.T.G. Rathnayake, P.A.B.D. Alexander, R.A.C. Rabell</i> Faculty of Veterinary Medicine and Animal Science, University of Peradeniya, Sri Lanka
13.55	MUCOSALLY ADMINISTERED <i>LACTOBACILLUS</i> SURFACE-DISPLAYED INFLUENZA ANTIGENS (sM2 and HA2) WITH CHOLERA TOXIN SUBUNIT A1 (CTA1) INDUCE BROADLY PROTECTIVE LONG-LASTING IMMUNE RESPONSES AGAINST DIVERGENT INFLUENZA SUBTYPES <i>Chamith Yasaswin Hewawaduge and Jong-Soo Lee</i> Lab. Of Veterinary Microbiology, College of Veterinary Medicine (BK21 Plus Program), Chungnam National University, Daejeon, Republic of Korea
14.15	ESTABLISHMENT OF BEST POST-ACTIVATION CONDITION IN PORCINE PARTHENOGENESIS AND SOMATIC CELL NUCLEAR TRANSFER (SCNT) <i>Roy PK and Cho JK</i> Lab of Theriogenology, College of Veterinary Medicine (BK21 Plus Program), Chungnam National University, Daejeon, Republic of Korea
14.35	<i>CHITOSAN NANOPARTICLES IN FISH DISEASE CONTROL</i> <i>S.H.S. Dananjaya and Mahanama De Zoysa</i> College of Veterinary Medicine (BK21 Plus Program), Chungnam National University, Daejeon, Republic of Korea
14.55	CANCER IMMUNOTHERAPY MOVING FORWARD WITH DENDRITIC CELLS AND DOGS <i>V. Wijewardana, K. Sugiura, T. Inaba and R.P.V.J. Rajapakse</i> Faculty of Veterinary Medicine and Animal Science, University of Peradeniya, Sri Lanka

POSTER SESSION

VENUE: Department of Farm Animal Production and Health,
Faculty of Veterinary Medicine & Animal Science, University
of Peradeniya

1	GENE EXPRESSION ANALYSIS OF MANILA CLAM (<i>RUDITAPESPHILIPPINARUM</i>) AFTER <i>Vibrio tapatis</i> CHALLENGE <i>S.H.S. Dananjaya and Mahanama De Zoysa</i> College of Veterinary Medicine (BK21 Plus Program), Chungnam National University, Daejeon, Republic of Korea
2	ANTIFUNGAL ACTIVITY OF CHITOSAN SILVER NANO COMPOSITE (CAgNCs) AGAINST <i>Candida albicans</i> <i>D.C.M. Kulatunga and Mahanama De Zoysa</i> College of Veterinary Medicine (BK21 Plus Program), Chungnam National University, Daejeon, Republic of Korea
3	<i>STUDY OF BACTERIOPHAGE (PASM-1) AGAINST Aeromonas salmonicida mosoucida</i> <i>S.H.S. Dananjaya, Maheswaran Easwaran, Hyun-Jin Shin and Mahanama De Zoysa</i> College of Veterinary Medicine (BK21 Plus Program), Chungnam National University, Daejeon, Republic of Korea
4	TOXICITY OF BEE VENOM USING ZEBRAFISH MODEL <i>A.B. K. H. De Silva, D.C.M. Kulatunga, S.H.S. Dananjaya, and Mahanama De Zoysa</i> College of Veterinary Medicine (BK21 Plus Program), Chungnam National University, Daejeon, Republic of Korea

5	FUNCTION OF CARBOXYL COILED COIL OF TRPC3 IN THE GATING MECHANISM <i>P. Tharaka D. Wijerathne and Kyu Pil Lee</i> College of veterinary Medicine (BK21 plus Program), Chungnam National University, Daejeon, Republic of Korea
6	ESTABLISHMENT OF BEST POST-ACTIVATION CONDITION IN PORCINE PARTHENOGENESIS AND SOMATIC CELL NUCLEAR TRANSFER (SCNT) <i>Roy PK and Cho JK</i> Lab of Theriogenology, College of Veterinary Medicine (BK21 Plus Program), Chungnam National University, Daejeon, Republic of Korea
7	DIAGNOSTIC IMAGING OF CONGENITAL MENINGOENCEPHALOCELE IN A HOLSTEIN CALF <i>G Woochang Jeung¹, Jungwoo Lee¹, Jungmin Son^{1,2}, Heechun Lee³, Kichang Lee⁴, Hojung Choi¹, Youngwon Lee¹, Hwayoung Son¹, Sangtae Shin¹ and Jongki Cho¹</i> ¹ College of Veterinary Medicine, Chungnam National University, Daejeon, Korea, ² Gongju National Livestock Cooperative Federation, Gongju, Korea, ³ College of Veterinary Medicine, Gyeongsang National University, Jinju, Korea, ⁴ College of Veterinary Medicine, Chonbuk National University, Jeonju, Korea
8	FAF1 IS CRITICAL FOR INDUCTION OF TYPE I INTERFERON SIGNALING AND THE ANTIVIRAL RESPONSE <i>Jae-Hoon Kim and Jong-Soo Lee</i> Lab. of Veterinary Microbiology, College of Veterinary Medicine (BK21 Plus Program), Chungnam National University, Daejeon, Republic of Korea
9	THE FAF1 POSITIVELY REGULATES PHAGOCYTTIC NADPH OXIDASE ACTIVATION AND NF-KB SIGNALING IN RESPONSE TO BACTERIAL INFECTION <i>Tae-Hwan Kim and Jong-Soo Lee</i> Lab. of Veterinary Microbiology, College of Veterinary Medicine (BK21 Plus Program), Chungnam National University, Daejeon, Republic of Korea
10	FOOT-AND-MOUTH DISEASE VIRUS 2B PROTEIN DOWNREGULATES THE TYPE-I INTERFERON PATHWAY BY RIG-I DEGRADATION <i>S.M. Bashir Uddin and Jong-Soo Lee</i> Lab. of Veterinary Microbiology, College of Veterinary Medicine (BK21 Plus Program), Chungnam National University, Daejeon, Republic of Korea
11	EXTRACTS OF <i>COPTIS JAPONICA MAKINO</i> AND <i>MELIAE CORTEX</i> INHIBIT VIRUS REPLICATION BY INDUCING POSSIBLE CELLULAR ANTIVIRAL STATE AND VIROCIDAL EFFECTS <i>Wan-Seo Koo, Jong-Soo Lee and Hwa-Young Son</i> Lab. of Veterinary Microbiology, College of Veterinary Medicine (BK21 Plus Program), Chungnam National University, Daejeon, Republic of Korea
12	<i>EXPRESSION OF THE MRE11-RAD50-NBS1 COMPLEX IN CISPLATIN NEPHROTOXICITY</i> <i>Young-Jung Kim and Ju Young Jung</i> College of veterinary Medicine (BK21 plus Program), Chungnam National University, Daejeon, Republic of Korea
13	A FLIP PEPTIDE DISRUPTS ENVELOPED RNA VIRUSES <i>Tae-Hwan Kim, Jong-Soo Lee and Young-Won Lee</i> College of veterinary Medicine (BK21 plus Program), Chungnam National University, Daejeon, Republic of Korea