

Oral presentation

O-1

HEV infection in rabbits

VIRHUEZ MENDOZA Milagros

O-2

A Targeted Sequencing Approach with Nanopore Sequencing for Comprehensive Detection and Identification of Flaviviruses: A Proof of Concept Study for Rapid Point-of-Care Diagnosis

RETENG Patrick

O-3

Molecular analysis of Babesia and Anaplasma in cattle in Bolivia

OGATA Shohei

O-4

Antibiotic resistant bacteria from environmental water and relation to antibiotic residues in Thailand

TSUNODA Risa

O-5

Enhanced IL-36 α expression in the kidneys of autoimmune disease-prone mice

NAMBA Takashi

O-6

α 2-Adrenoceptors inhibit both cAMP-dependent and independent process formation of astrocytes

KITANO Taisuke

O-7

Effect of sex steroid hormones on bovine endometrial tissue blood flow

KAWANO Kohei

O-8

Biomonitoring of Phthalate Metabolites in Children: The Hokkaido Study

KETEMA RAHEL MESFIN

O-9

Pathogenicity of Hantaan Virus Korean Hemorrhagic Fever Strain: A Single Amino Acid Mutation in Glycoprotein Gn changed Virulence

WEI ZHUOXING

O-10

Prostaglandin E2 in tick saliva induces programmed death 1/programmed death-ligand 1 expression for host immunosuppression

SAJIKI Yamato

O-11

Comparative study of the Echinococcus multilocularis miRNA profiles in intermediate hosts

IMASATO Yuhei

O-12

RNA-sequencing transcriptome study of inflammatory colorectal polyps in Miniature Dachshunds

Teoh Yong Bin

O-13

Histone lysine demethylase 2B regulates endothelial cell carcinogenesis by enhancing gene stability

GULAY Kevin Christian Montecillo

O-14

Transcription analysis of CD69 and CD103 on canine T cells

KANEI Toshitaka

Poster presentation

V1-1

Species specific differences of large intestinal pattern and its unique mucosal morphology in the Cotton rats

CHULUUNBAATAR Tsolmon

V1-2

DEVELOPMENTAL CHANGES OF THE OVARY IN THE NEONATAL COTTON RAT
(*Sigmodon hispidus*)

Islam Md Rashedul

V1-3

Orchidectomized autoimmune disease model mouse shows ameliorated sclerotic lesion in the glomerulus

OTANI Yuki

V1-4

Genetic mapping of behavioral traits in Chromosome 4 by using congenic mouse strains

SATO Keisuke

V1-5

Bidirectional modulation of TNF- α transcription via α - and β -adrenoceptors in spinal cord astrocytes

Morimoto Kohei

V1-6

Hydrogen sulfide releases Ca²⁺ from endoplasmic reticulum in astrocytes through translocon.

Nii Takeshi

V1-7

Effect of milk osteopontin on the normalization of endometrial epidermal growth factor profile in repeat breeder dairy cows

HAY MAR KYAW

V1-8

New treatment option to improve fertility by intravaginal infusion of recombinant osteopontin in repeat breeder dairy cows

SATO Hiroko

V1-9

Oocyte lipid profile analysis in dairy cattle in different lactation stages

FURUKAWA Eri

V1-10

An adverse outcome pathway-based assessment of steatogenic effects of imidacloprid in livers of C57BL/6J Male Mice

NIMAKO Collins

V1-11

LEAD INDUCED DEVELOPMENTAL, CARDIOVASCULAR, NEUROMUSCULAR AND OXIDATIVE STRESS IMBALANCE IN ZEBRAFISH EMBRYOS

KATABA Andrew

V1-12

COLLABORATIVE WORK WITH MONGOLIA : EASY, CHEAP AND EFFICIENT METHOD DEVELOPMENT FOR DRUG RESIDUE IN ANIMAL PRODUCTS

MOTOHIRA Kodai

I1-1

Elucidation of Fluoroquinolone Resistance Mechanisms in Mycobacterium avium

AKAPELWA Mwangala Lonah

I1-2

Molecular epidemiology of Mycobacterium bovis in Malawi

KAPALAMULA Thoko Flav

I1-3

Genetic diversity of Livestock-associated methicillin-resistant Staphylococcus aureus isolated from slaughter pig and pork, Thailand

TANOMSRIDACHCHAI Wimonrat

I1-4

Isolation and characterization of transparent and opaque colony morphotypes of M. intracellulare from a patient

BWALYA Precious

I1-5

The role of host factor for *Francisella tularensis* infection

MATSUMOTO Sonoko

I1-6

Sero-epidemiological Study of Leptospirosis and Isolation of Live *Leptospira* in Livestock and Wild rodents in The Philippines.

AJIMA Nami

I1-7

Prevalence of pyrazinamide-resistance among *Mycobacterium tuberculosis* clinical isolates in Nepal

SHRESTHA Dipti

I1-8

Molecular detection and characterization of *Rickettsia* in hard ticks collected from cattle and dogs in Malawi

CHATANGA Elisha

I1-9

Development of ELISA Based on a Product of *Bacillus anthracis* Plasmid pXO2

ZORIGT Tuvshinzaya

I1-10

Co-occurrence of *bla*_{CTX-M-15} and diverse antimicrobial resistance genes on large chromosomal insertions

SHAWA Misheck

I1-11

GENETIC DIVERSITY AND TRANSMISSION DYNAMICS OF MULTI-DRUG RESISTANT TUBERCULOSIS IN ZAMBIA

CHIZIMU Joseph Yamweka

I1-12

Influence of COX-2 on pyroptosis in *Burkholderia thailandensis*-infected RAW264 macrophage cell line

ICHIKAWA Yoshiki

I1-13

Oral supplementation of a vitamin D metabolite 25(OH)D₃ against influenza virus infection in mice

HAYASHI Hirotaka

I1-14

High Seroprevalence of Hepatitis E virus in Domestic Pigs, Zambia

CHAMBARO Herman

I1-15

Quantitative analysis for antibody and antigen of classical swine fever virus in wild boar serum collected in Gifu prefecture, Japan

Bazarragchaa Enkhbold

I1-16

Relationship between a genetic diversity of human T-cell immunoglobulin mucin 1 and the susceptibility to viral infection

Hattori Takanari

I1-17

Isolation and characterization of encephalomyocarditis virus (EMCV) from *Mastomys natalensis*, a potential reservoir rodent in Zambia.

KISHIMOTO Mai

I1-18

Analysis of cross reactivity of split and whole particle vaccines against seasonal influenza A viruses

HANDABILE Chimuka

V2-1

Treatment results of splenectomy for 11 cases of idiopathic non-regenerative anemia in Miniature Dachshunds

SUGAWARA Mei

V2-2

Steroid profile in dogs with hyperadrenocorticism and hepatocellular carcinoma

Oo Thandar

V2-3

Influence of Local Anesthetics on Articular Chondrocyte Function

MWALE Carol

V2-4

Visualization and characterization of cancer stem-like cells with low proteasome activity in a canine osteosarcoma cell line

SUNG Koangyong

V2-5

Structure-Based-Drug-Design of Small Molecule Inhibitors for Canine Superoxide Dismutase 1 Aggregation.

KIMURA Shintaro

V2-6

Aberrant promoter DNA hypermethylation in canine malignant melanoma

ISHIZAKI Teita

V2-7

Characterization and functional analysis of swine PD-1 /PD-L1 pathway

GANBAATAR Otgontuya

V2-8

Enhanced immune efficacy of anti-Cytotoxic T Lymphocyte Antigen 4 chimeric antibody by combination with Programmed Death Ligand 1 blockade

WATARI Kei

V2-9

Expression Analysis of Canine CMTM6 and CMTM4 as Potential Regulators of the PD-L1 Protein in Canine Cancers

TAKEUCHI Hiroto

V2-10

Roles of nuclear receptors REV-ERBs in effector and memory T cell differentiation

CAI Zimeng

V2-11

Maternal blood Activin A concentrations in pregnant Japanese pony mares

TSOGTGEREL Munkhtuul

V2-12

Seasonal and annual fluctuation in body condition of Hokkaido brown bears in relation to food habits and reproductive status

SHIRANE Yuri

I2-1

Studies on the difference in the susceptibility of duck fibroblasts and primary duck neurons to DTMUV and JEV infection

Kulprasertsri Sittinee

I2-2

Investigation on Mus booduga as a hantavirus host and development of diagnostics to confirm the hantavirus infections in Sri Lanka.

MUTHUSINGHE Bungiriye Devinda Shameera

I2-3

Roles of equine herpesvirus type 1 UL11 acylation in viral growth and replication

FUKUSHI Noriko

I2-4

Histopathological Changes and Cellular Response in Skin Lesions Associated with Naturally Occurring Lumpy Skin Disease

BADR Yassien

I2-5

Reverse genetics approaches to YG1 strain of severe fever with thrombocytopenia syndrome virus

LOKUPATHIRAGE Sithumini Madubashini Wimalasiri

I2-6

Characterization of tick-borne encephalitis virus isolated from a tick in central Hokkaido in 2017, 2018

TAKAHASHI Yuji

I2-7

DISCOVERIES OF EXORIBONUCLEASE-RESISTANCE STRUCTURE OF DUAL-HOST AFFILIATED INSECT-SPECIFIC FLAVIVIRUSES ISOLATED FROM MOSQUITOES IN ZAMBIA

WASTIKA CHRISTIDA ESTU

I2-8

Characterization of novel Newcastle disease viruses isolated in the Democratic Republic of Congo

Twabela Augustin

I2-9

The implication of a new hot spot of avian influenza based on epidemiological study in southern Vietnam in 2016-2017

LE Trung Kien

I2-10

Proteomic analysis of milk extracellular vesicles obtained from bovine leukemia virus-infected cows

Rahman Md. Matiur

I2-11

Predicting amino acid substitutions on the hemagglutinin of H1N1 influenza A viruses using age distribution of variant strains

PIANTHAM Chayada

I2-12

The potential of all HA subtypes of avian influenza viruses to acquire human-type receptor binding specificity

WANG Zu-Jyun

I2-13

Minion sequencing-based parasite detection by 18S rDNA PCR while blocking amplification of host DNA.

GAITHUMA Alex Kiarie

I2-14

Molecular characterization of three Heterakis species detected from domestic chickens in Bangladesh

BISWAS Peru Gopal

I2-15

Variations of number of coronal leaflets in *Quilonia renniei* species in Asian elephants

CHEL Hla Myet

I2-16

Characterization of a novel cystatin-like molecule as a vaccine candidate for the poultry red mite, *Dermanyssus gallinae*

FUJISAWA Sotaro

I2-17

Transcriptomics in Three Stages of *Toxoplasma gondii* Using Ribonucleic Acid Sequencing and Transcriptional Start Site sequencing.

Kidaka Taishi

I2-18

Comparative analysis on the migration dynamics of *Echinococcus multilocularis* at the early stage of infection in two mouse strains.

HAYASHI Naoki

Workshop

S-1

Solutions and insights on writing using the Keywords of One Health Biomedical Sciences

HENSHAW Michael