

April 23 (Thu)

Program 1-5
Better Health, Better Welfare - Shaping the Future of Clinical Medicine of Companion Animal

Hall C (13:00-18:00)

Chairs: **Kei Hayashi** (College of Veterinary Medicine, Cornell University, USA / University of Tokyo, Tokyo, Japan)
Mitsuyoshi Takiguchi (Hokkaido University, Japan)

13:00-13:30



IV1-5-1

Companion Animal Welfare in Taiwan: Better and Worse
Kendy Tzu-yun Teng

Department of Veterinary Medicine, College of Veterinary Medicine, National Chung Hsing University, Taiwan

13:30-14:00



IV1-5-2

Companion Animal Welfare and Ethics in Korea: Current Challenges and the Veterinarian's Role
Myung-Sun Chun

College of Veterinary Medicine, Seoul National University, Republic of Korea

14:00-14:30



IV1-5-3

Who Cares More? A Look at Specialty Care and Animal Welfare in Sweden and how it compares to the US
Barbro Filliquist

Associate Professor of Orthopedic Surgery, UC Davis School of Veterinary Medicine, Davis, USA

14:30-15:00



IV1-5-4

Emerging area of animal welfare research and evaluation of animal abuse investigation in Japan
Aki Tanaka

Department of Veterinary Medicine, Nippon Veterinary and Life Science University, Japan

15:00-15:20

Coffee Break

15:20-15:50



IV1-5-5

When "Healthy" Is Not "Well"
Niwako Ogata

Department of Veterinary Clinical Sciences, Purdue University, USA

15:50-16:20



IV1-5-6

Caring for Animals, Caring for Ourselves: Welfare and Compassion Fatigue in Europe

Yukari Togami

Faculty of Veterinary Medicine, Department of Veterinary Science, Chair of Animal Welfare, Ethology, Animal Hygiene and Animal Housing, Ludwig-Maximilians-University Munich, Germany

16:20-16:50



IV1-5-7

Raising the Bar: New Standards for Companion Animal Health and Welfare in Europe

Rowena Packer

Royal Veterinary College, London, UK

16:50-17:20

Discussion

17:20-17:30



01-5-8

ONE WELL-BEING: JAHA'S STRATEGIC APPROACH TO VETERINARY LEADERSHIP AND HUMAN-ANIMAL INTERACTION INITIATIVES

Naoko Yoshida

Japanese Animal Hospital Association, Japan

17:30-17:40



01-5-9

Under Water Treadmill-Based Rehabilitation in Dogs: Clinical Observations from 30 Cases

Tadashi Sano

Obihiro University of Agriculture and Veterinary Medicine, Japan

17:40-17:50



01-5-10

Surgical Management of Obstructive Urolithiasis in Companion Male Goats: A Retrospective Evaluation of 33 Cases

Nami Otake

Ito Animal Welfare Hospital, Japan

17:50-18:00



01-5-11

INTRAOPERATIVE OPIOID-SPARING MANAGEMENT OF A CAT UNDERGOING BILATERAL FEMORAL HEAD OSTEOATOMY

Ryota Watanabe

Small Animal Clinical Science, College of Veterinary Medicine & Biomedical Science, Texas A&M University, USA

Program 2-4 Regenerative Veterinary Medicine

Hall B5 (9:00-12:00)

Chairs: **Kyung-Sun Kang** (College of Veterinary Medicine, Seoul National University, Seoul, Republic of Korea)
Kazuya Edamura (Nihon University, Japan)

9:00-9:30

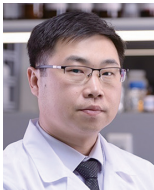


IV2-4-1

Highly Functional Bioengineered Liver with Perfusable Vasculature **Kyung-Sun Kang**

College of Veterinary Medicine, Seoul National University, Seoul, Republic of Korea

9:30-10:00



IV2-4-2

Advanced Fibrin Hydrogel Platform for Osteochondral Regeneration: Combined Stem Cell and GrowthFactor Therapy in a Rabbit Model

Ogay Vyacheslav

Stem Cell Laboratory, National Center for Biotechnology, Astana, Kazakhstan

10:00-10:30



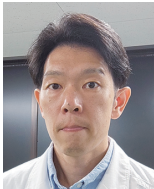
IV2-4-3

Generation of Canine and Feline Induced Pluripotent Stem Cells and Their Future Perspectives in Veterinary Medicine

Shingo Hatoya

Graduate School of Veterinary Science, Osaka Metropolitan University, Japan

10:30-11:00



IV2-4-4

Current in Veterinary Regenerative Medicine: Clinical Applications of Mesenchymal Stromal Cell Therapy

Takahiro Teshima

Faculty of Veterinary Science, Nippon Veterinary and Life Science University, Japan / Research Center for Animal Life Science, Nippon Veterinary and Life Science University, Japan

11:00-11:20

Coffee Break

11:20-11:30



O2-4-5

POSTOPERATIVE TRANSPLANTATION OF MESENCHYMAL STROMAL CELLS IN RACEHORSES WITH INTRA-ARTICULAR FRACTURES.

Miho daniel Yoshitomi

Kagoshima University, Japan

11:30-11:40

**02-4-6**

A SUSTAINABLE HYDROGEL FROM MANGO PEEL PECTIN ENRICHED WITH CENTELLA ASIATICA FOR VETERINARY WOUND HEALING

Miguel Angel Ramos-Reyes

Autonomous University of Ciudad Juarez, Mexico

11:40-11:50

02-4-7 withdrawn

11:50-12:00

**02-4-8**

EXPERIMENTAL EVALUATION OF EXOSOME-LOADED INJECTABLE HYDROGEL FOR ACCELERATED HEALING OF INFECTED DIABETIC WOUNDS IN MICE

Mahdis Mahdavi

Doctor of Veterinary Medicine, Bab.C., Islamic Azad University, Babol, Iran

Program 2-5 Disease & Ecology of Wildlife

Hall B5 (13:00-16:00)

Chair: **Ryota Matsuyama** (National Institute of Animal Health, NARO, Japan)

13:00-13:30

**IV2-5-1**

Innovations in Animal Health Surveillance: Leveraging Machine Learning in the Era of Climate Change and Pandemics

Pranav Sudhir Pandit

Assistant Professor of Veterinary Epidemiology, Weill School of Veterinary Medicine, UC Davis, USA

13:30-14:00

**IV2-5-2**

Extracting key information from human-animal interface

Hiroshi Nishiura

Center for Health Security, Graduate School of Medicine, Kyoto University, Japan

14:00-14:20

Coffee Break

Chair : **MacKenzie L. Kwak** (Hokkaido University, Japan)

14:20-14:50

IV2-5-3

Invasion of exotic species and risk of tick-borne diseases

Kandai Doi

Department of Wildlife Biology, Forestry and Forest Products Research Institute, Japan

14:50-15:20



IV2-5-4

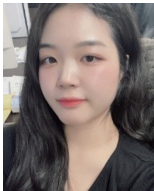
The Need for a One Health Approach to Reduce the Risk of Zoonotic Diseases Posed by Invasive Species

Yuya Watari

Forestry and Forest Products Research Institute, Japan

Chair: **Kandai Doi** (Department of Wildlife Biology, Forestry and Forest Products Research Institute, Japan)

15:20-15:30



02-5-5

ISOLATION OF SEVERE FEVER WITH THROMBOCYTOPENIA SYNDROME VIRUS FROM A WILD LEOPARD CAT (*PRIONAILURUS BENGALENSIS EUPTILURA*) IN THE REPUBLIC OF KOREA

Hye-ryung Byun

Seoul National University, Republic of Korea

15:30-15:40



02-5-6

INFERRING POPULATION-LEVEL IMPACTS OF WILDLIFE DISEASES IN THE ABSENCE OF POPULATION ABUNDANCE DATA

Ryota Matsuyama

National Institute of Animal Health, NARO, Japan

15:40-15:50



02-5-7

Characterization of co-infections and mitochondrial-genome of haemosporidian parasites in Swinhoe's pheasant (*Lophura swinhoii*) by Nanopore sequencing

Shyun Chou

National Chung Hsing University, Taiwan

15:50-16:00



02-5-8

Molecular Detection and Mitochondrial Lineage Diversity of *Haemoproteus columbae* in Urban Rock Pigeons in Taiwan

Max Roberto Chang Ishcol

College of Veterinary Medicine, National Chung-Hsing University, Taiwan

Program 3-4 Current Status and Future of Vaccine Strategies Against Classical and African Swine Fever

Sponsored by: MSD

Hall B7-1 (9:00-11:05)

Chair: **Satoshi Ito** (South Kyushu Livestock and Veterinary Medicine center, Joint Faculty of Veterinary Medicine, Kagoshima University, Soo, Japan)

9:00-9:30



IV3-4-1

Classical Swine Fever Vaccines in Japan: Characteristics and Efficacy Evaluation

Katsuhiko Fukai

Division of Transboundary Animal Disease Research, National Institute of Animal Health, National Agriculture and Food Research Organization, Japan

9:30-9:45



PT3-4-2

WIMBOARD: A DECISION-SUPPORT FRAMEWORK FOR ASF CONTROL AND VACCINATION IN WILD BOAR POPULATION

Benjamin Ivorra

Prof., Interdisciplinary Mathematics Institute (IMI) & Department of Applied Mathematics and Mathematical Analysis, Universidad Complutense de Madrid, Spain

9:45-10:00



PT3-4-3

Potential Risks Associated with the Use of Live Attenuated African Swine Fever Vaccines of Different Genotypes

Tomoya Kitamura

Senior Researcher, National Agriculture and Food Research Organization, Japan

10:00-10:15



O3-4-4

Successful Post-ASF Rehabilitation Through Housing Transformation and Enhanced Biosecurity

Alongkot Boonsoongnern

Department of Farm Resources and Production Medicine, Faculty of Veterinary Medicine, Kasetsart University, Thailand

O3-4-5 withdrawn

10:15-10:30



O3-4-6

PROSPECTS FOR LIVE-ATTENUATED AFRICAN SWINE FEVER VACCINES: A META-ANALYSIS OF EFFICACY AND SAFETY

Eurade Ntakiyisumba

Jeonbuk National University, Republic of Korea

10:30-11:05

Coffee Break

Program 3-4

Large Animal: Research Presentation 2

Hall B7-1 (11:05-11:45)

Chair: **Hideo Iso** (ISO VETERINARY SERVICE (Japan), Japan)

11:05-11:15



03-4-7

Investigation of bovine leukemia virus seroprevalence and proviral load-based transmission risk classification in beef breeding cattle in Ibaraki, Japan

Yuki Fujii

Ibaraki Prefecture Kenpoku Livestock Hygiene Service Center, Japan

11:15-11:25



03-4-8

DIAGNOSIS AND PREDICTION OF ENZOOTIC BOVINE LEUKOSIS USING A HIGH-THROUGHPUT CLONALITY ANALYSIS "RAISING"

Tomohiro Okagawa

Hokkaido University / FASMAC Co. Ltd., Japan

11:25-11:35



03-4-9

A clinical case of enzootic bovine leukosis in a Holstein cow with almost no tumor cells in the peripheral blood

Masaki Maezawa

Laboratory of OSG Veterinary Science for Global Disease Management, Graduate School of Agricultural and Life Sciences, The University of Tokyo, Japan

11:35-11:45



03-4-10

A new surgical technique for fixing the abomasum using a toggle Pin in dairy cow LDA

Hideo Iso

ISO VETERINARY SERVICE, Japan

Program 4-4**Bat-borne infectious diseases as emerging and re-emerging threats**

Hall B7-2 (9:00-11:10)

Chair: **Hiroshi Shimoda** (Yamaguchi University, Japan)

9:00-9:30

**IV4-4-1****HOW CAN WE PREVENT THE NEXT PANDEMIC?****Raina K Plowright**

Rudolf J. and Katharine L. Steffen Professor, Department of Public and Ecosystem Health, College of Veterinary Medicine, Cornell University, Ithaca, USA

9:30-10:00

**IV4-4-2****Bat-inspired immunity lessons for health****Linfa Wang**

Programme in Emerging Infectious Diseases, Duke-NUS Medical School, Singapore

10:00-10:30

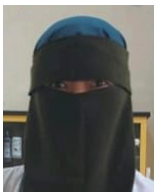
**IV4-4-3****Surveillance and Experimental Characterization of Bat-Derived Betacoronaviruses in East Asia****Shin Murakami**

Department of Veterinary Medicine, the University of Tokyo, Japan

10:30-10:50

Coffee Break

10:50-11:00

**O4-4-4****THE IMPACT OF DEFORESTATION ON BAT-BORNE ZONOTIC DISEASES TO COMPANION ANIMALS(CATS AND DOGS) AND HUMANS: A ONE HEALTH CHALLENGE****Yulia Erika**

Zech Vet Care, Indonesia

11:00-11:10

O4-4-5 withdrawn

Program 5-4 [WVA Animal Welfare Seminar] Professionals' Dialogue on Animal

Hall D5 (9:00-11:00)

9:00-9:05

Welcome

- » **Petra Sindern** (WVA)

9:05-11:00

Scientific and conceptual foundations of animal sentience

- » **Speaker: Patricia Turner** (WVA Past President)

Animal Sentience from Evidence to Influence

- » **Speaker: Michelle Groleau** (CVMA, Director, Animal Welfare)

From Recognition to Regulation: Embedding Animal Sentience into Policy Frameworks

- » **Speaker: Rebeca García** (Veterinary Advisor on Animal Welfare, UK Animal Welfare Focal Point; Animal and Plant Health Agency (APHA), Department of Food, Agriculture and Rural Affairs (Defra))

WVA perspective on animal sentience (pre-recorded/online)

- » **Speaker: Bonnie Beaver (online)** (Professor, Texas A&M University, AVMA Past President)

Panel: Guided Interactive Discussion

- » **Moderator: Enid Stiles** (WVA)
- » **All panellists + WOA and IVSA**

Program 5-5 (1) [WVA Veterinary Seminar] One Health Education

Hall D5 (13:00-14:50)

- » **Chair: Slaven Grbic** (WVA)

Session 1

OH Education Pillar: a real example of Fukuoka

- » **Speaker: Seitaro Hattori** (Fukuoka Prefecture Governor)

Session 2

International frameworks and standards

- » **Speaker: WOA**

Session 3

Mapping the Unknown: Gaps in One Health and Planetary Health Education Worldwide

- » **Speaker: Deborah Thompson** (WVA One Health Education Subgroup / Founder and Director, One Health Lessons)

Session 4

Roundtable - One Health as a Core Educational Competency

- » **Moderator: James Ouma** (WVA)
- » **Roundtable: Ted Mashima** (AAVMC)
 - Pierre Lekeux** (EAEVE)
 - Noursaid Tigli** (2A2E-V)
 - Takashi Matsuwaki** (AAVS)
 - Helio Blume** (WVA Councillor Latin America)
 - Bertina Sum** (IVSA)

Program 5-5 (2) WVA Medicines Stewardship Workshop

Hall D5 (15:00-17:00)

TBA

- » **Moderator: TBA** (WVA)
- » **Speaker: Alemayehu Hailemariam** (Brooke)
 - Olatunji Nasir** (WVA)
- » **Workshop lead: Rens van Dodenburg** (WVA Working Group ad hoc member)

Program 6-4 Recent Advances in Forensic Veterinary Medicine

Hall D7 (9:00-11:30)

Chair: **James K Chambers** (The University of Tokyo, Japan)

9:00-9:30



IV6-4-1

Veterinary Forensics Beyond Necropsy: A Taiwanese Perspective

Wei-Hsiang Huang

School of Veterinary Medicine, National Taiwan University, Taiwan

9:30-10:00



IV6-4-2

Veterinary forensics: A comparative medicine approach to animal cruelty and the intersection of human and animal postmortem investigations

Rachel Allavena

School of Veterinary Science, The University of Queensland, Gatton, Australia

10:00-10:30



IV6-4-3

The application of forensic veterinary medicine in Japan

Aki Tanaka

Faculty of Veterinary Medicine, Nippon Veterinary and Life Science University, Japan

10:30-10:50

Coffee Break

10:50-11:00



O6-4-4

Characteristics of Veterinary Forensic Necropsy Cases Involving Animal Abuse in Japan at NVLU

Yuko Kihara

Nippon Veterinary and Life Science University, Japan

11:00-11:10



O6-4-5

The role of veterinary forensic pathology in judicial investigations: analysis of 196 animal necropsies in Costa Rica

Juan Diego Hidalgo

Escuela de Medicina y Cirugía Veterinaria San Francisco de Asís, Costa Rica

11:10-11:20



O6-4-6

Three necropsy cases suspected of sexual abuse among a series of cat death attributed to a single perpetrator

Mizuki Omori

Nippon Veterinary and Life Science University, Japan

11:20-11:30



O6-4-7

Case Report: mtDNA-Based Identification of the Japanese Marten (*Martes melampus*) in Vehicle Cable Damage Incidents

Reina Ueda

Nippon Veterinary and Life Science University, Japan

Program 6-5(1) Addressing Antimicrobial Resistance through One Health: From Global Frameworks to Local Actions

Hall D7 (13:00-16:00)

Chairs: **Tetsuo Asai** (The United Graduate School of Veterinary Sciences, Gifu University, Japan)

Toyotaka Sato (Laboratory of Veterinary Hygiene, Faculty of Veterinary Medicine, Hokkaido University, Japan / Graduate School of Infectious Diseases, Hokkaido University, Japan / One Health Research Center, Hokkaido University, Japan)

13:00-13:35



IV6-5-1-1

Antimicrobial Resistance in Human Medicine: Current Status and One Health Strategies

Yohei Doi

Division of Infectious Diseases, University of Pittsburgh School of Medicine, USA / Division of Infectious Diseases, Fujita Health University School of Medicine, Japan

13:35-14:00



IV6-5-1-2

Antimicrobial Usage in Animals: Surveillance Insights and Mitigation Strategies to Combat Antimicrobial Resistance.

Pondpan Suwanthada

Regional AMR Project Officer, World Organisation for Animal Health, Regional Representation for Asia and the Pacific

14:00-14:25



IV6-5-1-3

Current Status and Challenges of Livestock-Associated Antimicrobial Resistance (AMR) in Japan

Michiko Kawanishi

Veterinary AMR Center, National Veterinary Assay Laboratory, Ministry of Agriculture, Forestry and Fisheries, Japan

14:25-14:50



IV6-5-1-4

Current Situation of Antimicrobial-Resistant Bacteria in Companion Animals and the One Health Approach

Toyotaka Sato

Laboratory of Veterinary Hygiene, Faculty of Veterinary Medicine, Hokkaido University, Japan / Graduate School of Infectious Diseases, Hokkaido University, Japan / One Health Research Center, Hokkaido University, Japan

14:50-15:15



IV6-5-1-5

Antimicrobial resistant bacteria in high-touch surface: the unseen transmission pathways

Torahiko Okubo

Faculty of Health Sciences, Hokkaido University, Japan

15:15-15:40



IV6-5-1-6

One Health Approach to understanding and managing animal derived antimicrobial resistant bacteria

Masaru Usui

Rakuno Gakuen University, School of Veterinary Medicine, Japan

15:40-16:00

Panel Discussion

Program 6-5(2)

Antimicrobial Resistance in Aquatic Animals: A One-Water Perspective

Hall D7 (16:00-18:20)

Chair: **Keiko Kawamoto** (Azabu University, Japan)

16:00-16:30



IV6-5-2-1

ONE HEALTH IN AQUACULTURE: ADDRESSING ANTIMICROBIAL RESISTANCE AND EMERGING DISEASE RISKS AT THE HUMAN-ANIMAL-ENVIRONMENT INTERFACE

Channarong Rodkhum

Director, Center of Excellence in Fish Infectious Diseases (CE FID), Faculty of Veterinary Science, Chulalongkorn University, Bangkok, Thailand

16:30-17:00



IV6-5-2-2

Circulation and Potential Horizontal Transfer of the Erythromycin Resistance Gene *erm(B)* from Enterococci to the Fish-Pathogenic *Lactococcus formosensis* and *Lactococcus garvieae* serotype III in Aquaculture

Terutoyo Yoshida

Faculty of Agriculture, University of Miyazaki, Japan

17:00-17:30



IV6-5-2-3

Antimicrobial Resistance and Its Current Status in the Aquaculture of Japan

Manabu Furushita

Department of Food Science and Technology, National Fisheries University, Japan

17:30-18:00



IV6-5-2-4

Antimicrobial Resistance Issue in Asian Aquaculture and Vaccine Development

Shih-Chu Chen

General Research Service Center, National Pingtung University of Science and Technology, Pingtung, Taiwan / International Program of Ornamental Fish Technology and Aquatic Animal Health, International College, National Pingtung University of Science and Technology, Pingtung, Taiwan

06-5-2-5 withdrawn**06-5-2-6 withdrawn**

18:00-18:10

**06-5-2-7**GENETIC ANALYSIS AND ISOLATION OF *MYCOPLASMA PHOCICEREBRALE* IN CAPTIVE PINNIPEDS**Chihiro Kiyonaga***Laboratory of Preventive Veterinary Medicine and Animal Health, Department of Veterinary Medicine, College of Bioresource Sciences, Nihon University, Japan*

18:10-18:20

**06-5-2-8**

MITIGATING ANTIBIOTIC MISUSE IN SMALL-SCALE AQUACULTURE: A HONG KONG CASE STUDY

Brett MacKinnon*City University of Hong Kong, Hong Kong***Program 7-4
Global Threats and Control of Infectious Diseases**

G502 (13:00-14:10)

Chair: **Yasuo Inoshima** (Gifu University, Japan)

13:00-13:10

**07-4-1**

DEVELOPMENT OF RECOMBINASE POLYMERASE AMPLIFICATION (RPA) ASSAY-BASED TEST KIT COMBINED WITH LATERAL FLOW IMMUNOCHROMATOGRAPHY (LFI) FOR VISUAL DETECTION OF RABIES VIRUS IN THE PHILIPPINES

Joram Jardinez Gautane*Veterinary Surgeon, Philippines*

13:10-13:20

**07-4-2**

Phylogenetic and Spatial Dynamics of Rabies Virus in Thailand: A Retrospective Study Using MicrobeTrace

Bopit Puyati*Buriram Provincial Livestock Office, Department of Livestock Development, Thailand*

13:20-13:30

**07-4-3**

TWO-LEAVES AND MANY BITES: PROFILING DOG-BITES AND ADHERENCE TO RABIES PROPHYLAXIS IN TEA-ESTATE COMMUNITIES OF UDALGURI DISTRICT, ASSAM, INDIA

Harish Kumar Tiwari*Indian Institute of Technology Guwahati, India*

13:30-13:40



07-4-4

Cell Adaptation, Attenuation, and Vaccine Efficacy of a Genotype VII Virulent Newcastle Disease Virus Isolated in Taiwan

Shu Ju Yeh

Graduate Institute of Animal Vaccine Technology, College of Veterinary Medicine, National Pingtung University of Science and Technology, Taiwan

13:40-13:50

07-4-5 withdrawn

13:50-14:00



07-4-6

LIVESTOCK-DERIVED COLLAGEN PEPTIDES TARGETING ZONOTIC PLASMODIUM KNOWLESI MALARIA

Cahyo Budiman

IPB University, Indonesia

14:00-14:10



07-4-7

Development of a Mobile Real-Time PCR System Using PicoGene® PCR1100 for Detection of SFTS Virus Genes

Tamaki OKabayashi

University of Miyazaki, Japan

Poster Session

Poster 12 Small Animal 2

Hall C Foyer



P12-1

Canine Adipose-Derived Mesenchymal Stem cell Extracellular vesicle Therapy for Chronic Kidney Disease and Myxomatous Mitral Valve Disease in a Dog

Kyungmi Lee

VIP Medical Center, 7, Samseong-ro 133-gil, Gangnam-gu, Seoul, Republic of Korea



P12-2

Regional Etiologies of Feline Anemia: Findings from a Retrospective Clinical Study

Hsia Ling Chen

PhD Student, Department of Veterinary Medicine, College of Veterinary Medicine, National Chung Hsing University, Taiwan



P12-3

Regional Etiologies of Canine Anemia: Findings from a Retrospective Clinical Study

Alastair Hao Zhe Chin

Graduate Student, Department of Veterinary Medicine, College of Veterinary Medicine, National Chung Hsing University, Taiwan



P12-4

Surgical decompression of an extradural inflammatory lesion causing hindlimb paralysis in a juvenile cat

Koangyong Sung

Jukjeon Animal Medical Center, Republic of Korea



P12-5

Chronic Degenerative Spinal Disease accompanied by Secondary Complications in a Senior Canine: A Case Study

Nikki May Chi Ee

Faculty of Veterinary Medicine, Gadjah Mada University, Indonesia



P12-6

The Role of Hippo pathway in Tumorigenesis of Feline Injection-site Sarcoma (FISS) and the Therapeutic Potential of Verteporfin on FISS

Tsai-Ning Shih

Graduate Institute of Molecular and Comparative Pathobiology, National Taiwan University, Taiwan



P12-7

Correlation between body weight and Vincristine-induced adverse events in dogs treated for multicentric B cell lymphoma

Chih-Yun Wang

Graduate Institute of Veterinary Clinical Sciences, School of Veterinary Medicine, National Taiwan University, Taipei, Taiwan



P12-8

Prospects for the Societal Integration of Veterinary Nuclear Medicine and Targeted Radionuclide Therapy (TRT)

Takehiko Kakizaki

Kitasato University School of Veterinary Medicine, Japan

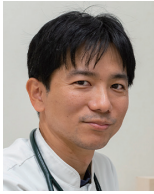


P12-9

DEVELOPMENT OF THERAPEUTIC ANTIBODIES FOR FELINE PERITONITIS (FIP)

Yu-Ru Huang

Graduate Institute of Molecular and Comparative Pathobiology, National Taiwan University, Taiwan



P12-10

POINT-OF-CARE TESTING OF VIRAL INFECTIONS IN COMPANION ANIMALS WITH A NOVEL MOBILE REAL-TIME PCR DEVICE

Yuichi Fukui

Komachi Animal Hospital, Japan



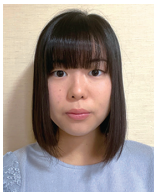
P12-11

ANTHELMINTIC EFFICACY OF PRAZIQUANTEL AGAINST *PHARYNGOSTOMUM CORDATUM* IN DOGS

Tohru Fukase

Okayama University of Science, Japan

P12-12 withdrawn



P12-13

TRIAL PREPARATION OF A PAW PAD CARE OINTMENT: COMBINATION WITH POWDER OF A GINGER FAMILY PLANT

Sakika Tomioka

Okayama University of Science, Japan

P12-14 withdrawn



P12-15

COMPARING DEATH CAUSES AND AGES FOR TWO DOG BREEDS: GOLDEN RETRIEVER AND CHIHUAHUA

Joji Ota

Inuyama Animal General Medical Center, Team HOPE, Japan

**P12-16**

The effects of observer gender on feline acute pain assessment using three pain scoring instruments

Beatriz P Monteiro

Department of Clinical Sciences, Faculty of Veterinary Medicine, University of Montréal, Saint Hyacinthe, Canada

Poster 13
Advanced Research 2

Hall C Foyer

**P13-1**

ANTI-INFLAMMATORY STUDY OF CANNABINOID ON HUMAN PANCREATIC DUCTAL CANCER IN XENOGRAFT NUDE MICE

Kasem Rattanapinyopituk

Department of Pathology, Faculty of Veterinary Science, Chulalongkorn University, Thailand

Poster 14
Public Health 2

Hall C Foyer

**P14-1**

Canine circovirus and feline parvovirus circulation in asymptomatic wild canids in Croatia

Ivana Lojkic

Croatian veterinary institute, Department of virology, Croatia

**P14-2**

Toxoplasma gondii AND *Neospora caninum* INFECTING FREE-RANGING BOARS (*Sus scrofa*) IN THE SANTA CATARINA PLATEAU, BRAZIL

Anderson Barbosa de Moura

Universidade do Estado de Santa Catarina (UDESC) / Centro de Ciências Agroveterinárias (CAV), Brazil

**P14-3**

MOLECULAR EPIDEMIOLOGY OF *CRYPTOSPORIDIUM PARVUM* IN PARAGUAY: FIRST REPORT OF GENOTYPES IN CATTLE

Yukari Koyama

Chiba University, Japan

P14-4 withdrawn



P14-5

PREVALENCE OF SUSPECTED FILARIAL INFECTION IN CATS BASED ON *WOLBACHIA* DNA DETECTION

Lan Anh Le

Laboratory of Veterinary Parasitic Diseases, Department of Veterinary Sciences, Faculty of Agriculture, University of Miyazaki, Japan



P14-6

SPATIAL MAXIMUM ENTROPY (MaxEnt) ANALYSIS IN PREDICTING POTENTIAL ZONOTIC SOURCES FOR CONTROL OF DISEASES IN POST-DISASTER NORTH SUMATRA

Muhammad Wira Tanginas Aldiana

Institut Teknologi Bandung, Indonesia



P14-7

The extinction and reintroduction of Oriental storks (*Ciconia boyciana*) in Japan; one health and one plan approach

Rei MATSUMOTO

Hyogo Park of the Oriental White Stork, Japan



P14-8

RAPID DNA EXTRACTION FROM ELEPHANT BLOOD FOR ELEPHANT ENDOTHELITROPIC HERPESVIRUS 1A-RPA DETECTION

Thanchanok Gordsueb

Chiang Mai University, Thailand

Poster 15 Public Health 3

Hall C Foyer



P15-1

Comparative Analysis of Avian Influenza Infection in Bat and Chicken Organoids Reveals Tissue-Specific Barriers and Differential Immune Control

Nai-Huei Wu

National Taiwan University, Taiwan



P15-2

HIGHLY PATHOGENIC AVIAN INFLUENZA H5N1 IN NON-DOMESTIC FELIDS: A TWO-DECADE GLOBAL REVIEW WITH INSIGHTS FROM VIET NAM

Nam Huu Nguyen

Vietnam Veterinary Association, Viet Nam



P15-3

EARLY WARNING FOR AVIAN INFLUENZA IN VIETNAM USING INTERNET-BASED DATA

Dung Thi Le

FAO ECTAD Viet Nam, Viet Nam



P15-4

THE ROLE OF WILD BIRDS IN THE SPREAD OF HIGHLY PATHOGENIC AVIAN INFLUENZA (HPAI) IN KAZAKHSTAN

Yersyn Mukhanbetkaliyev

S. Seifullin Kazakh Agrotechnical Research University, Kazakhstan



P15-5

Monitoring system for HPAIV in water environments where migratory birds stopover

Kentaro Yamada

University of Miyazaki, Japan

**Poster 16
Forensic**

Hall C Foyer



P16-1

The Utility of Necropsy and Histological Examination for Diagnosing Poisoning in Suspicious Cat Deaths with Suspected Ethylene Glycol Poisoning

Touko Fujita

Laboratory of Wildlife Medicine, Department of Veterinary Medicine, Nippon Veterinary and Life Science University, Japan



P16-2

Veterinary Forensic Application of LC-MS/MS for Detecting Anticoagulant Rodenticides in Stray and Wild Animals

Siang Ting Chen

The Graduate Institute of Molecular and Comparative Pathobiology, School of Veterinary Medicine, National Taiwan University, Taipei, Taiwan

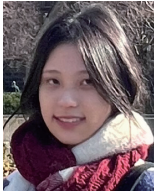


P16-3

Usefulness of autopsy imaging (AI) in veterinary forensic investigations

Tokuma Yanai

The Institute of Veterinary Forensic Science, Japan



P16-4

ALLELE FREQUENCIES AND FORENSIC PARAMETERS OF 18 SHORT TANDEM REPEAT LOCI IN 50 MIXED-BREED DOGS FROM TAIWAN

Yung Yun Yang

Graduate Institute of Molecular and Comparative Pathobiology, School of Veterinary Medicine, National Taiwan University, Taipei, Taiwan

Poster 17 One Health 2

Hall C Foyer



P17-1

PHYTOBIOTIC EXTRUDED FEEDS TO MITIGATE AMR RISKS IN ASIAN AQUACULTURE

Yuriy Balji

S.Seifullin Kazakh Agro Technical Research University, Kazakhstan

Poster 18 One Health 3

Hall C Foyer

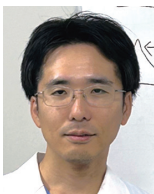


P18-1

Association between genomic somatic cell score and antimicrobial use for mastitis treatment in primiparous dairy cows

Takuma Okabe

Chiba Prefectural Agricultural Mutual Aid Association, Japan



P18-2

OWNER DECISION-MAKING TO SEEK ANTIBIOTIC PRESCRIPTIONS IN CANINE INFECTIOUS DISEASES IN JAPAN

Yuya Kimura

Yamazaki University of Animal Health Technology, Japan



P18-3

A NATIONAL ON-FARM ANTIMICROBIAL USAGE MONITORING PROGRAM IN POULTRY PRODUCTION IN THE UNITED STATES

Randall Singer

University of Minnesota, USA



P18-4

MOLECULAR MECHANISMS OF CIPROFLOXACIN RESISTANCE IN ANIMAL-DERIVED *KLEBSIELLA PNEUMONIAE*

Yun Chieh Mai

Graduate Institute of Veterinary Medicine, School of Veterinary Medicine, National Taiwan University, Taiwan



P18-5

PREVALENCE, ANTIMICROBIAL RESISTANCE PATTERNS, AND ONE HEALTH IMPLICATIONS OF *SALMONELLA* IN WILD BIRDS: A GLOBAL META-ANALYSIS

Gayeon Won

Jeonbuk National University - Specialized Campus, Republic of Korea



P18-6

Genotypic and Phenotypic Antimicrobial Resistance of *Streptococcus dysgalactiae* from Diseased Pigs in Central and Southern Taiwan

Chunkai Chang

National Chiayi University, Taiwan



P18-7

Haptoglobin as a Potential Biomarker for Inflammation in Hysterotomy-Produced Colostrum-Deprived Piglets Transplanted with Fecal Microbiota

Yoshihiro Muneta

Graduate School of Agriculture Science, Kobe University, Japan



P18-8

NATIONAL-REGIONAL COMPARISON OF ANTIMICROBIAL RESISTANCE POLICIES IN INDONESIA'S ANIMAL HEALTH SECTOR

Fadhilah Amaliyah Haq

Independent Researcher, Indonesia



P18-9

Characterization of extraintestinal pathogenic *Escherichia coli* from urine of canine and feline

Kuang-Sheng Yeh

National Taiwan University, Taiwan



P18-10

Methicillin-Resistant *Staphylococcus schleiferi* Associated with Pseudoplacental Endometrial Hyperplasia in a Young Dog: A Case Report

Parameshwara Kurapati

Hamlin Vet clinic, USA



P18-11

KNOWLEDGE, ATTITUDE, AND PRACTICES (KAP) ON AMR AND AMU IN POULTRY AMONG KEY STAKEHOLDERS IN THE PHILIPPINES

Virginia Mauro Venturina

Central Luzon State University, Philippines



P18-12

ONE HEALTH IMPLICATIONS OF INVASIVE HIPPOPOTAMUSES IN COLOMBIA

Rheanna Rheanna

Universitas Gadjah Mada, Indonesia

P18-13 withdrawn

P18-14 withdrawn

Poster 19 Small Animal 3

Hall C Foyer



P19-1

COMPREHENSIVE ANALYSIS OF CANINE FEED COMPONENTS AND THEIR IMPLICATIONS FOR METABOLIC DISEASE RISK

Juyoun Kang

Dankook University, Republic of Korea



P19-2

A survey on the Estrus Status of Female Kittens and the Recommended age for Neutering of Kittens in Japan

Mei Nomura

Spay Vets Japan, Japan

Poster 20 Small Animal 4

Hall C Foyer



P20-1

Dogs show higher sequence similarity to humans than mice with respect to cancer-related genes

Hayato Shibahara

Graduate School of Agricultural and Life Sciences, The University of Tokyo, Japan



P20-2

CUTANEOUS LYMPHOMA AT INJECTION SITE WITH SYSTEMIC METASTASIS IN A CAT

Ayaka Shimmura

Laboratory of Veterinary Toxicology, Tokyo University of Agriculture and Technology, Japan

P20-3 withdrawn



P20-4

SECONDARY NASAL INVOLVEMENT OF FOLLICULAR LYMPHOMA WITH AL AMYLOID DEPOSITION IN A CAT

Yu Furusawa

Kagoshima University, Japan



P20-5

Identification of Amyloidogenic Regions in the lambda light chain of Canine Localized AL Amyloidosis

Momoko Yoshikura

Tokyo University of Agriculture and Technology, Japan

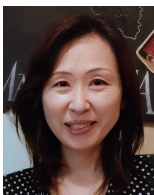


P20-6

EXPANDING THE CLINICAL AND GENETIC SPECTRUM OF CANINE PYRUVATE KINASE DEFICIENCY: TWO MISDIAGNOSED CASES

Wei Nung Chiu

National Taiwan University, Taiwan



P20-7

ANESTHETIC STABILITY DURING PROLONGED NEUROSURGERY USING CONTINUOUS REMIFENTANIL INFUSION IN JAPANESE MONKEY

Mari Kumashiro

Tamagawa University, Japan



P20-8

Construction and efficacy verification of attenuated vaccine against feline infectious peritonitis virus.

Pengpeng Wang

Huazhong Agricultural University, China



P20-9

Isolation and Culture of *Mycobacterium Lepraemurium* from a Cat with Feline Leprosy

Ryo Ando

Tokyo University of Agriculture and Technology, Japan



P20-10

PIGEONS INFECTED WITH THE PIGEON ROUNDWORM: EFFECTIVE CONTROL WITH IVERMECTIN

Takeshi Kainoh

Ehime Veterinary Medical Association, Japan



P20-11

METOCLOPRAMIDE SYRUP TAKEN EASILY BY RABBITS WHEN COMBINATING WITH A POACEAE PLANT, PHLEUM PRATENSE

Akari Tashiro

Okayama University of Science, Japan

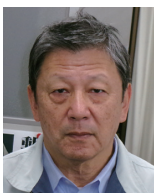


P20-12

QUESTIONNAIRE SURVEY OF PET FOOD VENDING AT JAPANESE VETERINARY HOSPITALS

Asuka Kodama

Okayama University of Science, Japan



P20-13

HISTORY AND RECENT STUDIES OF SLICED *KATSUOBUSHI* (SMOKED-DRIED BONITO) AS A PET FOOD IN JAPAN

Mitsunobu Shiraishi

Ehime Katsuribushi Industrial Association, Japan

Poster 21 Public Health & Infectious Disease 2

Hall C Foyer



P21-1

Knowledge, attitudes, and practices of residents of Cavite, Philippines, regarding Rabies and its control

Melbourne Rio Talactac

Cavite State University, Philippines

**P21-2**

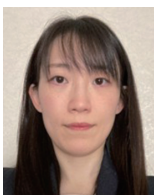
Gaps in Rabies Immunity in Dogs in Thailand

Thanmaporn Phichitrasilp*Department of Veterinary of Technology, Faculty of Veterinary Technology, Kasetsart University, Bangkok, Thailand***P21-3**

PROTECTIVE EFFECTS OF GOAT MILK CONTAINING PEDV-SPECIFIC ANTIBODIES AGAINST PEDV IN SUCKLING PIGLETS

Prapassorn Boonsoongnern*Kasetsart University, Thailand***P21-4**ANTIBACTERIAL ACTIVITIES OF FOURTEEN RECIPES OF FOUR THAI HERBAL EXTRACTS AGAINST *S. AUREUS* ATCC 25923, *E. COLI* ATCC 25922, *P. AERUGINOSA* ATCC 27853 and *B. SUBTILIS***Supochana Charoensin***Department of Veterinary Technology, Faculty of Veterinary Technology, Kasetsart University, Thailand***P21-5**

MOLECULAR EPIDEMIOLOGY OF ENTEROVIRUS D68 DETECTED IN SEWAGE AND HUMAN CLINICAL SAMPLES

Shunsuke Adachi*Shimane Prefectural Institute of Public Health and Environmental Science, Japan***P21-6**

Molecular Epidemiological Analysis of Human Adenovirus Type 3 Isolated in Hiroshima City

Sayaka Komori*Hiroshima City Animal Protection Center, Japan***P21-7**

Whole-Genome and Antigenic Characterization of Vaccine-Like Newcastle Disease Virus Isolates from Kazakhstan

Zhandos Abay*Kazakh Scientific Research Veterinary Institute, Kazakhstan***P21-8**

Ultra-rapid, extraction-free detection of influenza A (H1N1) and infectious bronchitis virus using the portable PicoGene PCR1100 System

Shwe Thiri Maung Maung Khin*Research Unit of One health Infectious Disease Control, Tokyo University of Agriculture and Technology, Japan*



P21-9

Dependence of *Edwardsiella tarda* Pathogenesis on Nutrient Uptake in Soft Tissue Infection.

Takashige Kashimoto

Lab. Veterinary Public Health, Kitasato Univ., Japan



P21-10

PREVALENCE OF SHIGA TOXIN-PRODUCING *ESCHERICHIA COLI* IN SLAUGHTERED SHEEP IN MIYAGI, JAPAN

Chihiro Kato

Eastern public Health and Welfare Office of Miyagi, Japan



P21-11

The Hidden Burden of Canine Brucellosis: A Longitudinal Serological Study in the Campania Region, Southern Italy (2022-2025)

Serena Montagnaro

Department of Veterinary Medicine and Animal Productions, University of Naples "Federico II", Italy



P21-12

Survey on *Salmonella* contamination in dog food in Japan

Shoichiro Yukawa

Kurashiki University of Science and the Arts, Japan



P21-13

Does *Anisakis simplex* (Nematoda) Alter Muscle Fatty Acid Profiles in Horse Mackerel (*Trachurus trachurus*)?

Duru Onbasilar

Department of Fisheries and Aquaculture, Faculty of Agriculture, Ankara University, Turkey



P21-14

INTEGRATED STRAIN-LEVEL SAFETY ASSESSMENT OF *BACILLUS* SPECIES INTENDED FOR HUMAN AND ANIMAL USE

Yejin Choi

Dankook University, Republic of Korea

Poster 22
One Health 4

Hall C Foyer

**P22-1**

THE PARADOX OF PROGRESS: ETHICAL STEWARDSHIP IN THE CRISPR ERA

Yuri Jin*Tokyo Korean School, Japan***P22-2 withdrawn****Poster 23**
Others

Hall C Foyer

**P23-1**EXTRACELLULAR Ca^{2+} ION CHELATION IMPROVES THE QUALITY OF FROZEN-THAWED BOVINE SPERM**Mansur Dandallah Salisu***Hiroshima University, Japan***P23-2 withdrawn****P23-3**

PATHOPHYSIOLOGICAL ANALYSIS OF DIABETIC CARDIOMYOPATHY IN CYNOMOLGUS MONKEY

Ibuki Yoneda*NIHON University, Laboratory of Veterinary Physiology, Japan*