

**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 OSTEOTOMY

**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

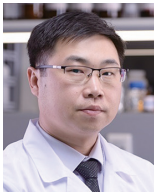


### IV2-4-1

#### 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



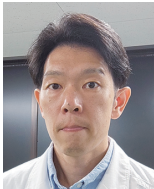
### IV2-4-3

#### 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

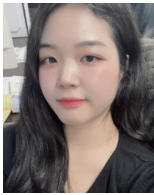
The Need for a One Health Approach to Reduce the Risk of Zoonotic Diseases Posed by Invasive Species

**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

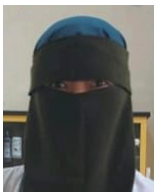
**IV4-4-3****Surveillance and Experimental Characterization of Bat-Derived Betacoronaviruses in East Asia****Shin Murakami**

*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**

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

Hall D5 (9:00-11:30)

9:00-9:05

### Welcome

- » **Petra Sindern** (WVA)

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9:05-11:30

### 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)

### Animal welfare: WOAH' s perspective and challenges

- » **Speaker: Leopoldo Stuardo** (Scientific Coordinator, Animal Welfare, Standards Department, WOAH)

### Panel: Guided Interactive Discussion

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

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

Hall D5 (13:00-14:50)

- » **Chair: Slaven Grbic** (WVA)

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### Session 1

### OH Education Pillar: a real example of Fukuoka

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

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### Session 2

### Building frameworks and bridges for One Health learning

- » **Speaker: Lesa Thompson** (Deputy Regional Representative, WOAH Regional Representation for Asia and the Pacific)

## 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)
- » **Chair: Olatunji Nasir** (WVA)
- » **Speaker: Alemayehu Hailemariam** (Brooke)
- » **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*

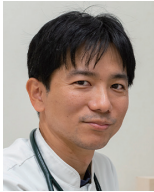


### P12-9

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*



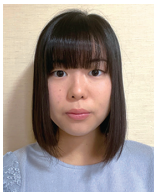
### P12-11

ANTHELMINTIC EFFICACY OF PRAZQUANTEL 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**

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**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*

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### 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*

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### 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*

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### 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*

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### P14-8

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

**Thanchanok Gordsueb**

*Chiang Mai University, Thailand*

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## Poster 15 Public Health 3

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### 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**

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**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*

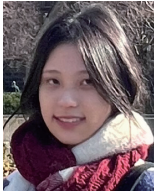


### P16-3

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*

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### 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

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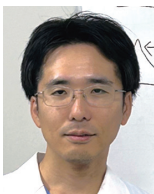


### P18-1

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

**Jhih-han Lin**

*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*

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### 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

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### 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*

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**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*

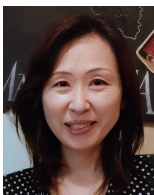


**P20-6**

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*

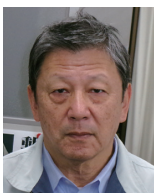


### P20-12

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

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### 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**

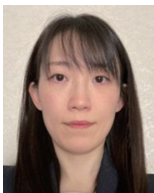
Gaps in Rabies Immunity in Dogs in Thailand

**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*

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**One Health 4**

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**P22-1**

THE PARADOX OF PROGRESS: ETHICAL STEWARDSHIP IN THE CRISPR ERA

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

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**P23-1**EXTRACELLULAR Ca<sup>2+</sup> 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*