

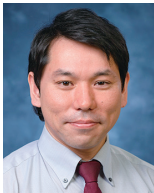
April 22 (Wed)

**Program 2-2**  
**Cutting edge clinical medicine for companion animals**  
**(Precision medicine for personalized treatment)**

Hall B5 (9:00-12:00)

Chairs: **Kei Hayashi** (College of Veterinary Medicine, Cornell University, USA / University of Tokyo, Tokyo, Japan)  
**Takuya Mizuno** (Yamaguchi University, Japan)

9:00-9:25



**IV2-2-1**

Clinician's perspective on precision medicine in veterinary practice

**Yu Ueda**

*Clinical Associate Professor, North Carolina State University, USA*

9:25-10:10



**IV2-2-2**

From Bench to Bedside - The Future of Precision Medicine for Companion Animals

**Steven Friedenber**

*Department of Veterinary Clinical Sciences, College of Veterinary Medicine, University of Minnesota, Saint Paul, Minnesota, USA*

10:10-10:20

**Break**

10:20-10:30



**O2-2-3**

Photodynamic therapy using ICG derivative (IR783)-Liposome for tumors in small animals

**Yoshiharu Okamoto**

*WOLVES HAND Veterinary Advanced Medical Research Institute, Japan*

10:30-10:40



**O2-2-4**

Development of a Molecular Targeted Drug Screening for Cancer in Dogs and Cats

**Miki Ando**

*Laboratory of Veterinary Surgery, University of Tokyo, Japan*

10:40-10:50



**O2-2-5**

POTENTIAL PROTECTIVE EFFECTS OF RESVERATROL AGAINST CABAZITAXEL-INDUCED CARDIOTOXICITY IN RATS

**Hadeer Khaled Ali**

*PhD student, Veterinary Teaching Hospital, Tokyo University of Agriculture and Technology, Tokyo, Japan*

April 22 (Wed)

10:50-11:00



### 02-2-6

RADIOGRAPHIC RESPONSE TO TARGETED THERAPY IN A CAT WITH PANCREATIC EXOCRINE ADENOCARCINOMA

**Sang-June Sohn**

*Western Animal Medical Center, Seoul, Republic of Korea*

11:00-11:10



### 02-2-7

POSTERIOR MEDIASTINAL T-CELL LYMPHOMA IN A CAT

**Ayumi Takahashi**

*Joint Department of Veterinary Medicine, Tokyo University of Agriculture and Technology, Japan*

11:10-11:20



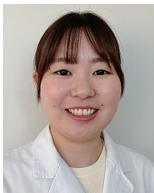
### 02-2-8

Retrospective Comparison of Anaphylactic IgE Testing and Lymphocyte Proliferation Test for Food Allergens in Dogs Suspected of Allergy (n = 1,942)

**Hiromi Sato**

*AAFL, Japan*

11:20-11:30



### 02-2-9

Selective Detection of Anaphylactic IgE by CRE-DR Reduces Apparent Food Allergen Positivity in Canine Serum IgE Testing

**Yumika Fukasawa**

*Animal Allergy Clinical Laboratories, Japan*

11:30-11:40



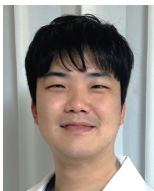
### 02-2-10

SUCCESSFUL LIMB AMPUTATION FOR ACRAL NOCARDIOSIS WITH OSTEOMYELITIS IN A DOG

**Kentaro Shirai**

*Tokyo University of Agriculture and Technology, Japan*

11:40-11:50



### 02-2-11

ORAL-SOURCE PASTEURELLA MULTOCIDA ASSOCIATED WITH PRESUMPTIVE HEMATOGENOUS RENAL INVOLVEMENT IN A CAT

**Sungho Lee**

*24h Changwon Referral Animal Hospital, Republic of Korea*

11:50-12:00



### 02-2-12

Discovery of Anti-FIPV Candidates Through Screening of 39 Chinese Medicines

**Hang Thi Phan**

*Tokyo University of Agriculture and Technology, Japan*

**Program 2-3(1)**  
**Cutting edge clinical medicine for companion animals**  
**(Cardiovascular Innovations)**

Hall B5 (13:00-15:10)

Chairs: **Kei Hayashi** (College of Veterinary Medicine, Cornell University, USA / University of Tokyo, Tokyo, Japan)  
**Mitsuhiro Isaka** (Rakuno Gakuen University, Japan)

13:00-13:30

**IV2-3-1-1**

Mitral Valve Repair in Dogs - Evolution to a Systematic and Geometric Approach

**Masami Uechi***JASMINE Veterinary Cardiovascular Medical Center, Japan*

13:30-14:00

**IV2-3-1-2**

Current Experiences and Future Advances in Interventional Cardiology

**Brad Gavaghan / Fiona Meyers***Veterinary Cardiologists Australia, Australia*

14:00-14:20

**Coffee Break**

14:20-14:30

**02-3-1-3**

Demographic Evaluation of Congenital Heart Disease (CHDs) : Retrospective Study of 297 Dogs and 26 Cats From 2021 to 2025

**Wywy Goulda March***Tokyo university of agriculture and technology, Japan*

14:30-14:40

**02-3-1-4**

Long-term Medical Management of a Dog with Severe Myxomatous Mitral Valve Disease Complicated by Persistent Atrial Fibrillation

**Akari Hatanaka***Tokyo University of Agriculture and Technology, Japan*

14:40-14:50

**02-3-1-5**

Influence of Muscle Relaxants and Thoracic Surgical Phases on Dynamic Respiratory Compliance in Puppies with Patent Ductus Arteriosus

**Tingfeng Xu***Veterinary Teaching Hospital, Tokyo University of Agriculture and Technology, Japan*

14:50-15:00



### 02-3-1-6

EFFECTS OF VERAPROST SODIUM ADMINISTRATION IN DOGS WITH STAGE 2 CHRONIC KIDNEY DISEASE

**Takuo Ishida**

*Akasaka Animal Hospital, Japan*

15:00-15:10



### 02-3-1-7

EVALUATION OF SIMULTANEOUS RECORDING WITH ELECTROCARDIOGRAM AND PHONOCARDIOGRAM IN SMALL BIRDS

**Shiori Takahashi**

*Nihon University, Japan*

## Program 2-3(2)

**Cutting edge clinical medicine for companion animals (Robot-assisted Surgery)** Hall B5 (15:30-17:30)

Chairs: **Kei Hayashi** (College of Veterinary Medicine, Cornell University, USA / University of Tokyo, Tokyo, Japan)  
**Madoka Amano** (The University of Tokyo, Japan)

15:30-16:00



### IV2-3-2-1

Robotic-Assisted Surgery in Companion Animals in Japan: Current Practice, Training, and Future Directions

**Atsushi Fujita**

*JARVIS Animal Medical Center Tokyo, Tokyo, Japan / Japan Small Animal Medical Center, Saitama, Japan / Veterinary Medical Center, Graduate School of Agricultural and Life Sciences, The University of Tokyo, Tokyo, Japan*

16:00-16:30



### IV2-3-2-2

Application of Robotic Surgery in Veterinary Medicine

**Darren Dongmin Sih**

*Director of Surgery, Ilsan Animal Medical Center, Republic of Korea*

16:30-16:50

## Coffee Break

16:50-17:00



### 02-3-2-3

FULL-ENDOSCOPIC SPINAL SURGERY FOR CANINE DISC DISEASE: TECHNICAL WORKFLOW AND CLINICAL OUTCOMES IN FIVE CASES

**Yu Chen Tu**

*pumpfurbabyclinic, Taiwan*

17:00-17:10

**02-3-2-4**

RIGHT INTRAHEPATIC PORTOSYSTEMIC SHUNT WITH ABSENCE OF THE LEFT PORTAL VEIN BRANCH IN A DOG

**Karen Nishida**

*Tokyo University of Agriculture and Technology, Japan*

17:10-17:20

**02-3-2-5**

Use of a Parallel Loop Line Prosthesis (PLL) for External Tracheal Support in a Dog with Tracheal Stent Fracture

**Souta Tsukamoto**

*Tokyo University of Agriculture and Technology, Japan*

17:20-17:30

**02-3-2-6**

Repeatability and Reproducibility of Superb Micro-vascular Imaging for Detecting Canine Diffuse Liver Disease

**Phakrumpa Panitkosol**

*Hokkaido University, Japan*

**Program 3-2**

**Current Status of Transboundary Swine Infectious Diseases and the Control Strategies**

Hall B7-1 (9:00-11:50)

Chairs: **Takehiro Kokuho** (NARO, Japan)

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

9:00-9:45

**IV3-2-1**

African Swine Fever at a Crossroads: Global Dynamics, Vaccines, and Predictive Modeling for Control

**Jaime Bosch**

*Animal Health Department, Veterinary School Complutense University of Madrid (UCM) and Animal Health Surveillance Centre (VISA-VET), Spain*

9:45-10:30

**IV3-2-2**

Molecular Dynamics of African Swine Fever Virus: Insights from GenBank Analyses and Field Surveillance in Vietnam

**Nguyễn Thanh LÂM**

*Faculty of Veterinary Medicine, College of Agriculture, Can Tho University, Vietnam / Global African Swine Fever Research Alliance (GARA)*

10:30-10:40



### 03-2-3

DEVELOPMENT OF TWO DUPLEX DDPCR ASSAYS FOR THE DETECTION OF ASFV AND *SUS SCROFA* DNA FROM WOLF CARCASSES

**Amir reza Varzandi**

*Department of Veterinary Sciences, University of Turin., Italy*

10:40-10:50



### 03-2-4

GENOMIC CHARACTERIZATION OF VACCINE-LIKE AND NATURALLY MUTATED ASFV VARIANTS IN DOMESTIC PIGS IN THAILAND

**Trong Tung Nguyen**

*Department of Veterinary Microbiology, Faculty of Veterinary Science, Chulalongkorn University, Bangkok, Thailand*

10:50-11:05

### Break

11:05-11:50



### IV3-2-5

Current status of classical swine fever control measures in wild boars in Japan

**Shigeki Hirata**

*NARO Institute of Livestock and Grassland Science, Division of Animal Welfare and Wildlife Damage Management Research, Japan*

## Program 3-3 Current Status of Transboundary Ruminant Infectious Diseases and the Control Strategies

Hall B7-1 (13:00-16:30)

Chair: **Hirofumi Kugita** (WOAH, Japan)

13:00-13:30



### IV3-3-1

Strengthening Animal Disease Reporting Through WAHIS: Opportunities and Challenges

**Anastasija Popova**

*World Organisation for Animal Health, Asia and the Pacific Representation, Japan*

13:30-14:00



### IV3-3-2

Updates on African Swine Fever in Asia and the Pacific and Initiatives under the GF TADs Mechanism

**Samuel Castro**

*Regional TADs Coordinator, World Organisation for Animal Health Regional Representation for Asia and the Pacific (WOAH RRAP)*

14:00-14:15

### Coffee Break

Chairs: **Masuo Sueyoshi** (Kagoshima University, Japan)  
**Hirofumi Kugita** (WOAH, Japan)

14:15-15:00



**IV3-3-3**

**CHALLENGES IN THE CONTROL OF FMD IN ASIA: NAVIGATING A DECADE OF CHANGING EPIDEMIOLOGY (2015-2025)**

**Ronello Abila**

*Veterinary Epidemiologist, Philippines*

15:00-15:45



**IV3-3-4**

**Transboundary ruminant diseases- changes, challenges, solutions and thoughts**

**Nadav Galon**

*International veterinary consultant, former CVO, Israel*

15:45-16:00

**Coffee Break**

16:00-16:10



**O3-3-5**

**LONG-TERM ASSESSMENT OF BLV INFECTION CONTROL IN JAPANESE BLACK BREEDING HERDS BASED ON PROVIRAL LOAD OVER SEVEN YEARS**

**Makoto Kajisa**

*M&Y Animal Service / Kagoshima, Japan*

16:10-16:20

**O3-3-6 withdrawn**

16:20-16:30

**O3-3-7 withdrawn**

**Program 4-2**

**Application of AI and Data Science in Pathology and Infectious Diseases**

Hall B7-2 (9:00-12:00)

Chairs: **James K Chambers** (The University of Tokyo, Japan)  
**Ryo Nakao** (Hokkaido University, Japan)

9:00-9:40



**IV4-2-1**

**Application of Artificial Intelligence in Veterinary Pathology**

**Susumu Iwaide**

*National Institute of Animal Health, National Agriculture and Food Research Organization, Japan / Advanced Research Center for One Welfare, Tokyo University of Agriculture and Technology, Japan / Laboratory of Veterinary Toxicology, Tokyo University of Agriculture and Technology, Japan*

9:40-10:20



### IV4-2-2

Application of AI in veterinary parasitology: the case of AI-based microscopy for the diagnosis of gastrointestinal parasites in sheep and cattle and automated tick classification

**Giulio Grandi**

*Swedish University of Agricultural Sciences, Department of Animal Biosciences, Uppsala, Sweden*

10:20-10:35

### Break

10:35-11:15



### IV4-2-3

Artificial intelligence (AI) for climate-driven early warning: Strengthening sustainable and equitable disease preparedness

**Masako Wada**

*EpiCentre, School of Veterinary Science, Massey University, New Zealand*

11:15-12:00



### IV4-2-4

From Rehabilitation to Real-Time Intelligence: Reimagining Wildlife Syndromic Surveillance in the AI Era

**Pranav Sudhir Pandit**

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

## Program 4-3(2)

### Application of AI and Data Science in Animal Husbandry and Biosecurity Management

Hall B7-2

(13:00-17:20)

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

**Ryo Nakao** (Hokkaido University, Japan)

13:00-13:10



### 04-3-1

Machine Learning-Based Prognostic Modeling for Survival Prediction in Cats with Hypertrophic Cardiomyopathy

**Mohammad Jokar**

*Faculty of Veterinary Medicine, University of Calgary, Calgary, AB, Canada*

13:10-13:20



### 04-3-2

Remodeled Metabolic Network of the Gut Microbiome in Canine Myxomatous Mitral Valve Disease

**Chun Keung Pang**

*School of Biomedical Sciences, The Chinese University of Hong Kong, Hong Kong*

13:20-13:30

**04-3-3**

Computational Identification of Sex- and Neuter-Related Microbial Signatures in the Canine Gut Microbiome

**Mahnoor Farooq**

*Department of Physiology, College of Medicine, Soonchunhyang University, Cheonan, Republic of Korea*

13:30-13:40

**04-3-4**

Canine Mood Analysis Using Bark Sounds

**Augustine Wisely Bezalel**

*Sri Sivasubramaniya Nadar College of Engineering, India*

13:40-13:50

**04-3-5**

QUANTILE REGRESSION UNCOVERS KEY RISK FACTORS FOR ENERGY CORRECTED MILK IN HIGH- AND LOW-YIELDING GERMAN COWS

**Yury Zablotski**

*Clinic for Ruminants with Ambulatory and Herd Health Services, Ludwig-Maximilians Universität Munich, Germany*

13:50-14:00

**04-3-6**

QUANTITATIVE STUDY OF CLINICIAN-ADAPTIVE SOAP GENERATION COMPARED WITH HANDWRITTEN VETERINARY RECORDS

**Kohei Saito**

*Joy with Paws LLC, Japan*

14:00-14:10

**04-3-7**

Navigating Turbulent Environments: AI Revolution in Veterinary Clinics. A Case Study of "VetDopomoga" Sumy, Ukraine

**Andrii Klietsov**

*Head of the NGO 'Society of Veterinary Business Owners' (SVBO), Owner of VetDopomoga Veterinary Clinics, Sumy, Ukraine*

14:10-14:20

**04-3-8**

A SYSTEMATIC REVIEW AND BIBLIOMETRIC ANALYSIS OF AI IN VETERINARY MEDICINE FOR SMALL ANIMAL PRACTICES

**Chayanan Keksombat**

*NJ ANIMAL HOSPITAL, Thailand*

14:20-14:30

**Coffee Break**

Chairs: **Satoshi Ito** (South Kyushu Livestock and Veterinary Medicine center, Joint Faculty of Veterinary Medicine, Kagoshima University, Soo, Japan)  
**Ryota Matsuyama** (National Institute of Animal Health, NARO, Japan)

14:30-15:10



### IV4-3-1

Current Status and Future Prospects of AI and Data Science Applications in Japan's Livestock Industry

**Kaz U-TCHi Ouchida**

*Livestock Journalist / Promoter / Researcher, Freelance, Japan*

15:10-15:50



### IV4-3-2

Integrated Biosecurity System Based on AI-Driven Cattle Facial Recognition

**Satoshi Sekiguchi**

*Center for Animal Disease Control, University of Miyazaki, Japan*

15:50-16:00

### Coffee Break

16:00-16:40



### IV4-3-3

AI Technology in Swine Veterinary Medicine: Perspectives on Practical Application in the Field

**Takashi Kambayashi / Francisco Cabezon**

*Eco-Pork, Japan / Pipestone, France*

16:40-17:20

### IV4-3-4

AI - enabled poultry management system

**Shigefumi Mori**

*Soreike System Consulting, Japan*

## Program 5-2 WVA One Health Summit

Hall D5 (9:00-12:00)

### Impact of wildlife on animal health and human health

» **Emmanuele Soubeyran** (WOAH)

### Impact of wildlife on animal health and human health

» **Jessica Kayamori Lopes** (WHO)

### Wildlife Trade

» **TOBAI Sadayosi** (Traffic)

### Pandemic Prevention (hpa1, amr, wildlife surveillance)

» **Jonathan Epstein**

**Bush meat**

» **Paul van der Merwe**

**Q&A**

**Program 5-3  
WVA One Health Summit**

Hall D5 (13:00-16:00)

**Food security**

» **Thanawat Tiensin** (FAO)

**Integrated Surveillance OH**

» **Marysa Peyre** (PREZODE)

**Environmental enrichment and biodiversity**

» **Manabu Onuma** (Biodiversity Division, National Institute for Environmental Studies)

**Aspects of climate change**

» **Dao Nguyen** (IUCN)

**Panel Discussion**

» **Tamy Negron (IVSA)**

» **Jeannet Kessels (WVEA)**

**Program 6-2  
Bovine Respiratory Disease Complex**

Sponsored by: BRDC Frontiers (Zoetis Japan)

Hall D7 (9:00-11:40)

Chair: **Yusuke Yamashita** (Hokkaido Agriculture and Mutual Aid Association Nayoro Large Animal Clinic, Japan)

9:00-9:30



**IV6-2-1**

Dairy calf health management: focus on lung ultrasound

**Theresa Ollivett**

*University of Wisconsin - Madison School of Veterinary Medicine located in Madison, Wisconsin, USA*

9:30-10:00



**IV6-2-2**

Pharmacokinetic study and PK/PD analysis of oral analgesic-antipyretic drugs in cattle

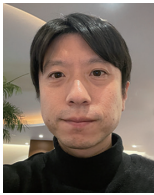
**Kazuaki Sasaki**

*Cooperative Department of Veterinary Medicine, Tokyo University of Agriculture and Technology, Japan*

10:00-10:20

**Coffee Break**

10:20-10:30



### 06-2-3

From Art to Science: Standardization as the Foundation for Epidemiological BRDC Control and "Kaizen" in Cattle Productio

**Shingo Ishikawa**

*Osaka Metropolitan University, Japan*

10:30-10:40



### 06-2-4

Visualizing BRDC Risk: Multiplex RT-qPCR as a Standardized Tool for Pathogen Profiling

**Yusuke Gotou**

*Iwate Prefectural Central Livestock Hygiene Service Center, Japan*

10:40-10:50



### 06-2-5

Age-standardized Heart Girth Ratio is Associated with BRDC Risk in Japanese Black Calves

**Yuto Kano**

*Kagoshima Prefectural Agricultural Mutual Aid Association, Japan*

10:50-11:00



### 06-2-6

Utility of Pulse Oximetry SpO<sub>2</sub> as a Novel Diagnostic for Bovine Respiratory Disease Complex

**Toru Fujita**

*Nansatsu Veterinary Clinic, Kagoshima Agricultural Mutual Aid Association, Japan*

11:00-11:10



### 06-2-7

Evaluation of Definitive Diagnostic Methods for Subclinical Pneumonia in Calves

**Daiki Katou**

*Kagoshima University, Japan*

11:10-11:20

### 06-2-8 withdrawn

11:20-11:30



### 06-2-9

The relationship between ruminal mat consistency and calf mortality

**Shinsuke Abe**

*Miyazaki Agricultural Mutual Aid Association, Japan*

11:30-11:40



**06-2-10**

Age-dependent differences in inflammatory responses in endotoxin-challenged calves

**Yasunobu Nishi**

*Onga veterinary clinic, Japan*

**Program 6-3(1)**

Sponsored by: RIKEN VETS PHARMA CO.,LTD.

**The Forefront of Soft Tissue Surgery in Calves A New Paradigm for Dairy Cow Health**

Hall D7 (13:00-15:00)

Chair: **Reiichiro Sato** (Department of Veterinary Science, Faculty of Agriculture, University of Miyazaki, Japan)

13:00-13:50



**IV6-3-2**

Straight Talk on Stiff Legs: A review of spastic paresis in calves

**Andrew Niehaus**

*Faculty of Veterinary Medicine, The Ohio State University, Columbus, OH, USA*

13:50-14:40



**IV6-3-1**

Soft tissue Surgery in Calves

**Reiichiro Sato**

*Department of Veterinary Science, Faculty of Agriculture, University of Miyazaki, Japan*

14:40-15:00

**Coffee Break**

**Program 6-3(2)**

Sponsored by: NIPPON ZENYAKU KOGYO CO., LTD.

**A New Paradigm for Dairy Cow Health**

Hall D7 (15:00-16:50)

Chair: **Norio Yamagishi** (Osaka Metropolitan University, Japan)

15:00-16:00

**IV6-3-6**

The Calci-Inflammatory Network: What We Missed While Chasing Calcium

**Burim N. Ametaj**

*University of Alberta, Canada*

16:00-16:20



**PT152-2**

The impact of free-choice bicarbonate/trace mineral consumption on performance of Holstein cows at varying stages of lactation during the summer in northern New York

**Ren Matsuda**

*ZENOAQ, Japan*

April 22 (Wed)

16:20-16:30



### PT152-3

Predicting the onset of left displaced abomasum using behavioral changes measured by small 3D acceleration sensors attached to a cow collar

**Keiko Ikeda**

*School of Veterinary Medicine, Rakuno Gakuen University, Japan*

16:30-16:50



### PT152-4

Untargeted serum metabolomics highlights hypocalcemia-related physiological signatures in dairy cows

**Tamako Miyazaki**

*Human Animal Interaction, School of Veterinary Medicine, Iwate University, Japan*

## Program 7-2

### Challenges to Veterinary Education Reform (Skills Lab)

G502 (9:00-11:40)

Chairs: **Reiichiro Sato** (Department of Veterinary Science, Faculty of Agriculture, University of Miyazaki, Japan)

**Kohei Makita** (School of Veterinary Medicine, Rakuno Gakuen University, Japan)

9:00-9:30



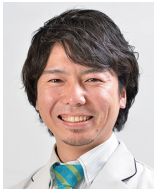
### IV7-2-1

Essential role of skill labs and mock clinics in pre-clinical veterinary training

**Pierre Lekeux**

*European Association of Establishments for Veterinary Education (EAEVE), Vienna, Austria, and Faculty of Veterinary Medicine, University of Liege, Belgium*

9:30-10:00



### IV7-2-2

Simulation training focused on acquiring Day One Competence in clinical veterinary training

**Takaharu Itami**

*School of Veterinary Medicine, Rakuno Gakuen University, Japan*

10:00-10:20

### Coffee Break

10:20-10:30



### 07-2-3

Complementing on-site meat inspection training for veterinary students using virtual reality technology

**Kyoko Chisato**

*Rakuno Gakuen University, Japan*

10:30-10:40

**07-2-4**

Evaluation of satisfaction with virtual reality training for meat inspection in veterinary education

**Arina Nishiwaki**

*Rakuno Gakuen University, Japan*

10:40-11:00

**PT7-2-5**

Education Using VR Teaching Materials and Its Effectiveness in the Field of Farm Animal Clinical Practice

**Reiichiro Sato**

*Department of Veterinary Science, Faculty of Agriculture, University of Miyazaki, Japan*

11:00-11:10

**07-2-6**

A survey of veterinary students in Japan, Thailand, and the United States regarding the donation of companion animals for veterinary necropsy education

**Haruka Takahashi**

*Rakuno Gakuen University, Japan*

11:10-11:20

**07-2-7**

Experience and Application of Companion Animal Necropsy Training Using Raccoons Through Regional Collaboration

**Io Otani**

*School of Veterinary Medicine, Rakuno Gakuen University, Japan*

11:20-11:40

**PT7-2-8**

Development of a Canine Surgical Training Model for Veterinary Education

**Shingo Miyawaki**

*Laboratory of Veterinary Surgery, Faculty of Applied Biological Sciences, Gifu University, Japan*

**Program 7-3**

**Internationalization of Veterinary Education:  
Efforts to Improve Standards in Asia**

G502 (13:00-16:30)

Chairs: **Hiroaki Kariwa** (Faculty of Veterinary Medicine, Hokkaido University, Japan)

**Kazuyuki Suzuki** (School of Veterinary Medicine, Rakuno Gakuen University, Japan)

13:00-13:10

**M7-3-1**

Opening Message from Chair

**Hiroaki Kariwa**

*Faculty of Veterinary Medicine, Hokkaido University, Japan*

13:10-13:30



### PT7-3-2

#### The Evolution and Current Status of Veterinary Education Reform in Japan **Masatoshi Hori**

*President of Japanese Association of Establishments for Veterinary Education (JAEVE) / Professor of Laboratory of Veterinary Pharmacology, Graduate School of Agriculture and Life Sciences, The University of Tokyo, Japan*

13:30-14:20



### IV7-3-3

#### Compliance of Veterinary Education Establishments with accreditation Standards and acquisition by all veterinary students of Day One Competences: a global concern **Pierre Lekeux**

*European Association of Establishments for Veterinary Education (EAEVE), Vienna, Austria, and Faculty of Veterinary Medicine, University of Liege, Belgium*

14:20-14:30

### Coffee Break

14:30-15:00



### IV7-3-4

#### Seoul National University College of Veterinary Medicine's Journey toward AVMA Accreditation: Process, Challenges, and Continuing Improvement **Myung-Sun Chun**

*Office of Veterinary Medical Education, College of Veterinary Medicine, Seoul National University, Republic of Korea*

15:00-15:30

### IV7-3-5

#### Toward International Veterinary Education in Southeast Asia: The Southeast Asia Veterinary School Accreditation Standards Initiative **Khongsak Thiangtum**

*Faculty of Veterinary Medicine, Kasetsart University, Thailand*

15:30-15:45



### PT7-3-6

#### Process and Efforts for EAEVE Accreditation in Kagoshima University, Japan **Takuro Arimura**

*Joint Faculty of Veterinary Medicine, Kagoshima University, Japan*

15:45-16:00



### PT7-3-7

#### Two Vet Schools, One Curriculum: The VetNorth Japan Experience with EAEVE Accreditation **Masashi Okamura**

*Department of Veterinary Medicine, Obihiro University of Agriculture and Veterinary Medicine, Japan*

16:00-16:15

**PT7-3-8**

ASIAN ASSOCIATION OF VETERINARY SCHOOLS (AAVS): WORKING TOGETHER TO IMPROVE VETERINARY EDUCATION OUTCOMES

**Takashi Matsuwaki**

*Associate Professor, The University of Tokyo, Japan / Secretary General, Asian Association of Veterinary Schools*

16:15-16:30

**PT7-3-9**

Comparison of International Accreditation Systems for Veterinary Education Worldwide

**Shusaku Shibutani**

*Joint Faculty of Veterinary Medicine, Yamaguchi University, Japan*

**Program 8-2****Innovations in Animal Welfare Science: Livestock, Zoo, and Laboratory Animals**

G402 (9:00-11:20)

Chair: **Yuki Otani** (Hokkaido University, Japan)

9:00-9:30

**IV8-2-1**

Behind Closed Doors: Animal Welfare and the Meat We Eat

**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*

9:30-10:00

**IV8-2-2**

Bridging Science and Society: Transparency, Responsibility, and Respect in Laboratory Animal Care

**Angela Schwarzer**

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

10:00-10:20

**Coffee Break**

10:20-10:30

**O8-2-3**

GENETIC INBREEDING ASSESSMENT AND POPULATION STRUCTURE ANALYSIS OF ENDANGERED TOKARA HORSES

**Tomoko Yoshihara**

*Kagoshima University, Japan*

10:30-10:40



### 08-2-4

#### THE EVOLUTION OF EXERCISE MONITORING IN EQUINE ATHLETES -A PRACTICAL APPROACH

**Olga Witkowska-Pilaszewicz**

*Department of Large Animals Diseases and Clinic, Institute of Veterinary Medicine, Warsaw University of Life Sciences, Warsaw, Poland*

10:40-10:50

### 08-2-5 withdrawn

10:50-11:00



### 08-2-6

#### CAPTIVITY ENHANCES MICROBIAL AND FUNCTIONAL STABILITY IN CHIMPANZEES

**Jiho SIN**

*Graduate student, Department of Physiology, College of Medicine, Soonchunhyang University, Cheonan, 31151, Republic of Korea*

11:00-11:10



### 08-2-7

#### BALANCING ANIMAL WELFARE AND EXPERIMENTAL OUTCOMES IN RODENT CANCER RESEARCH MODELS

**Carolyn M Malinowski**

*The University of Texas MD Anderson Cancer Center, USA*

11:10-11:20



### 08-2-8

#### Study of the effects of tramadol withdrawal syndrome in parents on depressive and anxiety behavior in rat offspring

**Kimiya Tale**

*Department of Veterinary Medicine, Science and Research Branch, Islamic Azad University, Tehran, Iran*

## Poster Session

## Poster 1

## Small Animal 1

Hall C Foyer

**P1-1**

Long-Term Survival in a Cat with Ebstein's Anomaly and Arrhythmia Successfully Controlled with Medical Management

**Rio Hayashi**

*Tokyo University of Agriculture and Technology, Japan*

**P1-2**

TRANSIENT MYOCARDIAL INJURY FOLLOWING TRANSCATHETER EDGE-TO-EDGE MITRAL VALVE REPAIR IN MMVD DOGS

**Anusak Kijawornrat**

*Department of Physiology, Faculty of Veterinary Science, Chulalongkorn University, Thailand*

**P1-3**

ACE inhibitors differentially modulate plasma chymase activity in canine PDA

**Kazumi Shimada**

*Tokyo University of Agriculture and Technology, Japan*

**P1-4**

DILATED CARDIOMYOPATHY WITH CONGESTIVE HEART FAILURE IN A DOMESTIC SHORTHAIR CAT: A CASE REPORT

**Pattaranan Piyasart**

*Thonglor Pet Hospital, Bangkok, Thailand*

**P1-5**

ECHOCARDIOGRAPHIC RESPONSE TO MAVACAMTEN IN A DOG WITH OBSTRUCTIVE HYPERTROPHIC CARDIOMYOPATHY

**Lina Hamabe**

*Tokyo University of Agriculture and Technology, Japan*

**P1-6**

HEMODYNAMIC-RHYTHM UNCOUPLING DURING PACEMAKER IMPLANTATION UNDER INHALANT ANESTHESIA IN A DOG

**Jeessoo Cha**

*Chief of Anesthesiology and Pain Management, VIP Cheongdam Animal Medical Center, Seoul, Republic of Korea*

**P1-7 withdrawn**

## P1-8 withdrawn



### P1-9

A case of a dog treated for pulmonary edema secondary to myxomatous mitral valve disease with sacubitril/valsartan

#### **Ririko Kawase**

*Tokyo University of Agriculture and Technology, Japan*



### P1-10

SUCCESSFUL CONTINUOUS FUROSEMIDE RESCUE IN A CAT WITH ACUTE CARDIOGENIC PULMONARY EDEMA: A CASE REPORT

#### **Chawanwith Samachikthummakun**

*Thonglor Veterinary Hospital, Thailand*

## P1-11 withdrawn



### P1-12

The effect of potassium citrate drug on blood and urinary parameters in cats with kidney problems referred to some clinics in Tabriz, Iran in 2023-2024

#### **Mohamadreza Jahantabi**

*Me, Iran*



### P1-13

EVALUATION OF HEPATIC TISSUE STIFFNESS IN HEALTHY DOGS USING SHEAR WAVE MEASUREMENT

#### **Jo Ihara**

*Tokyo University of Agriculture and Technology, Japan*



### P1-14

Successful management of septic shock and multi-organ failure caused by infection of *Streptococcus canis* in a geriatric dog

#### **Hyunjeong Sung**

*VIP Animal Medical center, Republic of Korea*



### P1-15

Minimally Invasive Management of Feline Inflammatory Polyps Using Video Otoscopy

#### **Reiko Usui**

*Dog and Cat Ear Clinic, Japan*



**P1-16**

Development of a Canine Cancer Gene Panel Homologous to Clinically Validated Human Cancer Gene Panels

**Shoma Koseki**

*Laboratory of Veterinary Surgery, Graduate School of Agricultural and Life Sciences, The University of Tokyo, Japan*



**P1-17**

PREDNISOLONE AS A THERAPEUTIC OPTION TO SHORTEN REGRESSION TIME IN CANINE CUTANEOUS HISTIOCYTOMA

**Natnicha Panyawisetpong**

*ME-D Animal Hospital, Thailand*



**P1-18**

Prolonged Progression-Free Survival in Three Dogs with Bladder TCC Following Autologous Tumor Antigen Vaccination

**Shigeki Imamoto**

*Shinjo Animal Hospital, Japan*



**P1-19**

APPLICATION OF NGS-BASED LIQUID BIOPSY FOR TREATMENT RESPONSE EVALUATION IN CANCER-BEARING DOGS

**Jiahui Lin**

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



**P1-20**

Raising awareness about One Health among members of the society

**Malgorzata Maria Bala**

*Chair of Epidemiology and Preventive Medicine, Jagiellonian University Medical College, Krakow, Poland*



**P1-21**

The World Veterinary Environmental Alliance. Climate, Sustainability, Biodiversity. Global veterinary collaboration in response to the planetary crisis

**Jeannet H Kessels**

*World Veterinary Environmental Alliance, Australia*



**P1-22**

A CASE REPORT OF THE IDIOPATHIC CEREBRAL HEMORRHAGIC INFARCTION IN A 2-YEAR-OLD AKITA INU.

**Jutamat Thamkitja**

*Neurology and Spine Center, Thonglor International Pet Hospital Thailand, Thailand*

## P1-23 withdrawn

### Poster 2 Infectious Disease

Hall C Foyer



#### P2-1

CLINICAL CHARACTERISTICS OF TWO COMPANION CANINES WITH SEVERE FEVER WITH THROMBOCYTOPENIA SYNDROME VIRUS

**Joon-Seok Chae**

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



#### P2-2

FINDINGS FROM INVESTIGATING COMPANION ANIMALS SUSPECTED OF SFTS VIRUS INFECTION AT ANIMAL HOSPITALS IN NAGASAKI

**Akira Yoshikawa**

*Nagasaki Prefectural Institute of Environment and Public Health, Japan*



#### P2-3

UNDERSTANDING TICK PREVENTION GAPS THROUGH ONE HEALTH LENS: EVIDENCE FROM COMPANION ANIMAL OWNERS IN KERALA, INDIA

**Mohammad Faizan T K**

*College of Veterinary and Animal Sciences, Pookode, Kerala Veterinary and Animal Sciences University, India*

### Poster 3 Public Health & Infectious Diseases 1

Hall C Foyer



#### P3-1

CHOLESTEROL SYNTHESIS INHIBITORS EFFECTIVELY INHIBIT THE REPLICATION OF AFRICAN SWINE FEVER VIRUS IN VITRO

**Jia Liu**

*National Key Laboratory of Agricultural Microbiology, College of Veterinary Medicine, Huazhong Agricultural University, Wuhan, China*



#### P3-2

BEYOND THE FARM: AFRICAN SWINE FEVER IN MINDANAO, PHILIPPINES—PREVALENCE, RISKS, FARMER PERSPECTIVES, AND FINANCIAL LOSSES

**Alan Payot Dargantes**

*Central Mindanao University, Philippines*



**P3-3**

**DISTINCT EARLY HUMORAL AND CELLULAR IMMUNE RESPONSES INDUCED BY IFN- $\alpha$  , Fc, AND HSP70 IN A CSFV E2 SUBUNIT VACCINE**

**Chien-Chun Kuo**

*Research Center for Animal Biologics, National Pingtung University of Science and Technology, Taiwan*



**P3-4**

**PPP2R5B regulates ANPEP expression and TGEV entry via dephosphorylation of HSF1 at Ser304/Ser308**

**Yichen Yang**

*State Key Laboratory of Agricultural Microbiology, College of Veterinary Medicine, Huazhong Agricultural University, Wuhan, China*



**P3-5**

**COMPARATIVE PATHOGENICITY OF THREE GENETICALLY DISTINCT PRRSV STRAINS IN PIGLETS**

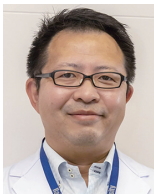
**Linxing Tian**

*Huazhong Agricultural University, China*

**P3-6 withdrawn**

**Poster 4  
One Health 1**

Hall C Foyer



**P4-1**

**Stress Evaluation Following Meloxicam Administration in Abomasal Displacement Repair Surgery**

**Hideaki Hayashi**

*Rakuno Gakuen University, Japan*



**P4-2**

**Assessment of Dairy Cattle Welfare in Negros Occidental, Philippines Using the Welfare Quality® Protocol**

**Flor Marie Immanuelle Rafallo Pilapil-Amante**

*University of the Philippines Los Baños, Philippines*



**P4-3**

**EVIDENCE AND STATUS OF THE JAPAN ANIMAL WELFARE LIVESTOCK ASSOCIATION CERTIFICATION FOR DAIRY FARMS**

**TETSUYA SEO**

*Obihiro University of Agriculture and Veterinary Medicine, Japan*



#### P4-4

MOTIVATION OF TETHERED DAIRY COWS TO OBTAIN HUMAN BRUSHING IN AN OPERANT BELL-RINGING TASK

**Yurina Yamane**

*Obihiro University of Agriculture and Veterinary Medicine, Japan*



#### P4-5

NON-CONTACT INFRARED THERMOMETRY IN MINIATURE PIGS: WHICH MEASUREMENT SITE IS PRACTICAL FOR REAL-WORLD USE?

**Yasunobu Hasuta**

*Division of Mineral Metabolism, Center for Molecular Medicine, Jichi Medical University, Japan*

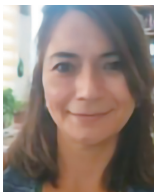


#### P4-6

More than the absence of pain, suffering, and harm: Positive animal welfare in chickens

**Lisa Jung**

*Science for Innovative and Sustainable Poultry Production (WING), University of Veterinary Medicine Hannover, Germany*

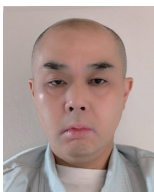


#### P4-7

EFFECTS OF SLAUGHTER AGE ON TIBIA CHARACTERISTICS OF FAST GROWING BROILERS

**Esin Ebru Onbasilar**

*Ankara University, Turkey*

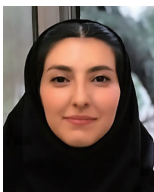


#### P4-8

An innovative of game meat produced in Nagasaki Prefecture - a support system for stray cat managers.

**Shigeru Nakamura**

*University of Nagasaki, Japan*



#### P4-9

Rehabilitation and physical therapy of Post-Traumatic Forelimb Deviation in an Arabian Filly: A Case Report

**Touran Tahmasbi**

*Department of Basic Science, Faculty of Veterinary Medicine, University of Tehran, Tehran, Iran*

## Poster 5 AI & Data Science

Hall C Foyer

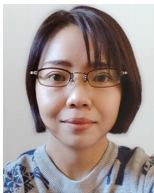


### P5-1

INTEGRATED TRANSCRIPTOMIC ANALYSIS UNCOVERS NEW THERAPEUTIC TARGETS IN CANINE ORAL MELANOMA

**Ying Kuo**

*National Taiwan University, Taiwan*



### P5-2

OBSERVATIONAL COMPARISON OF BEHAVIORAL TIME BUDGETS IN FINISHING WAGYU CATTLE BETWEEN FARMS

**Nanako Mochizuki**

*Obihiro University of Agriculture and Veterinary Medicine, Japan*



### P5-3

EMPOWERING RURAL VETERINARY MEDICINE THROUGH DIGITAL TRANSFORMATION: THE 2019-2026 TECHNOLOGY ADOPTION MODEL

**Ercan ÖDÜL**

*President, Kars Chamber of Veterinary Surgeons (Kars VHO), Turkey*

## Poster 6 Farm Animal 1

Hall C Foyer



### P6-1

INTEGRATED DIAGNOSTIC AND WELFARE APPROACHES TO ENZOOTIC BOVINE LEUKOSIS IN JAPANESE BLACK CATTLE: HISTOPATHOLOGICAL CONFIRMATION AND CLINICAL IMPLICATIONS OF SINGLE-DOSE DEXAMETHASONE

**Masaaki Nakamura**

*Niigata Prefectural Kaetsu Livestock Hygiene Service Center, Japan*

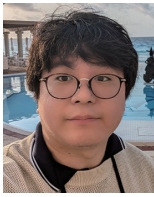


### P6-2

ON-FARM CONTROL STRATEGY FOR BOVINE CRYPTOSPORIDIOSIS

**Kazuaki Takahashi**

*Osaka metropolitan university, Japan*



### P6-3

FACTORS INFLUENCING THE MATURATION PROCESS OF THE INTESTINAL MICROBIOTA IN CALVES IN CHIBA PREFECTURE

**Natsuki Ohtani**

*Chiba Prefectural Agricultural Mutual Aid Association, Japan*



### P6-4

Phylogenetic nutrition and phytobiotic teat care in mastitis control of dairy cows

**Yuriy Balji**

*NFT-KATU, Kazakhstan*



### P6-5

SHORT-TERM TRANSPORT EFFECTS ON STRESS-RELATED HORMONES AND BONE METABOLISM IN HOLSTEIN HEIFERS

**Koki Itagaki**

*Osaka Metropolitan University, Japan*

## Poster 7 Veterinary Education 1

Hall C Foyer



### P7-1

VETERINARY STUDENTS, WILDLIFE, CONSERVATION: A SURVEY ON KNOWLEDGE GAPS AND THE ROLE OF UNIVERSITY IN VIETNAM

**Son Vu Nguyen**

*Faculty of Veterinary Medicine, Vietnam National University of Agriculture, Viet Nam*



### P7-2

THE ASSOCIATION BETWEEN VETERINARY NURSES' RESILIENCE AND JOB SATISFACTION, COMPASSION FATIGUE, AND BURNOUT

**Haruka Tomono**

*Yamazaki University of Animal Health Technology, Japan*

Poster 8  
Public Health 1

Hall C Foyer



**P8-1**

SEROPREVALENCE AND RISK FACTORS OF HEPATITIS E VIRUS INFECTION AMONG BACTRIAN CAMEL HERDERS IN DORNOD PROVINCE, MONGOLIA

**Davaasuren Nergui**

*Department of Infectious Diseases and Microbiology, School of Veterinary Medicine, Mongolian University of Life Sciences, Mongolia*



**P8-2**

POLYVALENT PHAGE vB\_SaIS\_KY05 FOR SALMONELLA CONTROL IN PET FOOD

**Yuan-Yu Lin**

*National Taiwan University, Taiwan*



**P8-3**

NEXT-GENERATION SEQUENCING ANALYSIS UNVEILS CRYPTIC RESISTANCE IN ZONOTIC SALMONELLA CHOLERAESUIS

**Chiao-Hsu Ke**

*National Taiwan University, Taiwan*

**P8-4 withdrawn**



**P8-5**

DETECTION OF *LISTERIA* SPP. AND *COXIELLA BURNETII* IN BULK TANK MILK OF DAIRY SMALL RUMINANT FARMS IN GREECE

**George C. Fthenakis**

*University of Thessaly, Greece*



**P8-6**

GENOMIC EPIDEMIOLOGY OF SALMONELLA ORANIENBURG ISOLATES FROM HUMANS, CHICKENS, AND FOOD IN JAPAN

**Jun Kawase**

*Shimane Prefectural Institute of Public Health and Environmental Science, Japan*

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## P8-7 withdrawn

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## P8-8 withdrawn

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### P8-9

Adaptation of nutria (*Myocastor coypus*), an invasive alien species, to manganese (Mn) soils

**Yumiko Nitta**

*Hiroshima Shudo University, Japan*

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### P8-10

ONE HEALTH FOR A BETTER TOMORROW: VETERINARY MEDICINE HOLDS THE KEY

**Abdul Basit**

*University of Hohenheim, Stuttgart, Germany*

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## Poster 9 Farm Animal 2

Hall C Foyer

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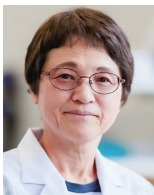
### P9-1

Bovine viral diarrhea virus E2 Targets SLC3A2 to Modulate Lipid Peroxidation for Replication Advantage

**Wu Di**

*National Key Laboratory of Agricultural Microbiology, China*

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### P9-2

BIOSECURITY MEASURES FOR ENZOOTIC BOVINE LEUKOSIS USING BARN LAYOUT VISUALIZATION

**Chikako Tani**

*Kagoshima University, Japan*

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### P9-3

ON-SITE DETECTION OF HIGHLY INFECTIOUS BOVINE LEUKEMIA VIRUS-INFECTED CATTLE USING PORTABLE REAL-TIME PCR

**Chiho Iyanaga**

*Laboratory of Animal Infectious Disease and Prevention, Department of Veterinary Medicine, Faculty of Agriculture, University of Miyazaki, Japan*

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**P9-4**

Host Factors Contributing to the Development of Enzootic Bovine Leukemia (EBL)

**Isa Abashi Nakamura**

*Rakuno Gakuen University, Japan*



**P9-5**

INSECTICIDAL EFFECTS OF FIPRONIL ON FLIES *MUSCA DOMESTICA* AND *FANNIA CANICULARIS*

**Issei Higaki**

*Ehime Veterinary Medical Association, Japan*



**P9-6**

OVARECTOMY AND OVARIAN VESSEL LIGATION IN CATTLE: PRODUCTIVE AND REPRODUCTIVE IMPLICATIONS

**Shigenori Matsuzaki**

*TOKACHI ANIMAL REPRODUCTION LABORATORY, Japan*



**P9-7**

Reduction of Carcass Damage in Japanese Black Fattening Female Cattle Using Anti-Gonadotropin Releasing Factor Agents

**Ieharu Sasaki**

*Zoetis Japan Inc, Japan*



**P9-8**

Evaluation of microvascular blood flow impairment in the teat of lactating cows associated with machine milking

**Tomomi Kurumisawa**

*Azabu University, Japan*



**P9-9**

SUGAR DORESSING THERAPY IN COWS WITH EXPOSED BONE DUE TO INJURY

**Tetsuya Horikita**

*Laboratory of Large Animal Clinical Sciences, Nihon University, Japan*



**P9-10**

Uncovering Cardiac Molecular Remodelling in Racing Thoroughbreds with Paroxysmal Atrial Fibrillation

**Charlotte Erika Edling**

*University of Surrey, UK*



### P9-11

IDENTIFICATION AND HERD-LEVEL ERADICATION OF DUCHENNE MUSCULAR DYSTROPHY IN JAPANESE BLACK CATTLE

**Hiroaki Kondo**

*Miyazaki Agricultural Mutual Aid Association (NOSAI Miyazaki), Miyazaki, Japan*



### P9-12

Examination of the Roter Interaction Analysis System (RIAS) categories used in large-animal veterinary medicine

**Misho Suzuki**

*Laboratory of Large Animal Clinical Sciences, Nihon University, Japan*



### P9-13

NUMBERS OF LIVESTOCK IN EHIME PREFECTURE DURING 1970 - 2025

**Tetsuya Osawa**

*Ehime Veterinary Medical Association, Japan*

### P9-14 withdrawn



### P9-15

MORPHOLOGICAL CHARACTERISTICS OF THE DIGESTIVE ORGANS OF BROILER CHICKENS FED COARSELY CRUSHED MUSSEL SHELLS

**Nina Dankevych**

*Odesa State Agrarian University, Ukraine*



### P9-16

HEAT STRESS INDUCES HEPATIC FERROPTOSIS IN BROILERS VIA ACTIVATION OF THE LAMP2A-GPX4 AXIS

**Ting Wang**

*National Key Laboratory of Agricultural Microbiology, College of Veterinary Medicine, Huazhong Agricultural University, Wuhan, China*

## Poster 10 Veterinary Education 2

Hall C Foyer



### P10-1

Survey on radiation work management and protective awareness in zoos and aquariums

**Aina Yamamoto**

*Department of Radiological Health Management, Institute of Industrial Ecological Sciences, University of Occupational and Environmental Health, Japan*



**P10-2**

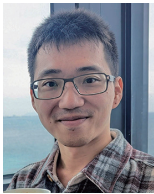
OCCUPATIONAL FINGER DOSE DURING MANUAL RESTRAINT IN VETERINARY RADIOGRAPHY: A PHANTOM STUDY

**Keisuke Nagamoto**

*University of Occupational and Environmental Health, Japan*

**Poster 11  
Advanced Research 1**

Hall C Foyer



**P11-1**

IMMPHENOTYPIC OVERLAP BETWEEN FELINE PROGRESSIVE HISTIOCYTOSIS AND HISTIOCYTIC SARCOMA

**Cho-Yen Tsai**

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



**P11-2**

Transcriptome Analysis of Gene Expression in Feline Injections-site Sarcoma

**Serena Lin**

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



**P11-3**

Elucidation of Genetic Diversity of *Bartonella quintana* Strains from Japanese Macaques Using a Core Genome MLST

**Yoshiki Nomura**

*Nihon University, Japan*