

April 21 (Tue)

Keynote Lecture

Hall A (11:00-12:00)



Understanding and Controlling Pandemic Influenza by means of One Health Approach

Hiroshi Kida

(University Professor of Hokkaido University, Head and Specially Invited Professor of International Institute for Zoonosis Control, Specially Appointed Prof of Institute for Vaccine Research and Development, Director of WHO Collaborating Centre for Zoonoses Control, Member of the Japan Academy, Person of Cultural Merits)

Program 3-1

Vector-borne diseases: From the perspective of infectious disease ecology

Hall B7-1 (13:00-15:30)

Chair: **Kandai Doi** (National Research and Development Agency Forest Research and Management Organization Forestry and Forest Products Research Institute, Japan)

13:00-13:30



IV3-1-1

Eco-epidemiology of canine vector-borne diseases

Filipe Dantas-Torres

Department of Immunoparasitology, Aggeu Magalhães Institute, Fundação Oswaldo Cruz (Fiocruz), Recife, Brazil

13:30-14:00



IV3-1-2

Emerging tick-borne zoonotic diseases in Japan

Ken Maeda

Department of Veterinary Science, National Institute of Infectious Diseases, Japan Institute for Health Security, Japan

14:00-14:20

Break

14:20-14:30



O3-1-3

Japanese SFTSV detected from cats and dogs

Keita Ishijima

National Institute of Infectious Diseases, Japan Institute for Health Security, Japan

O3-1-4 withdrawn

14:30-14:40

**03-1-5**

Serum from SFTS-Recovered Cats as a Candidate Treatment for Feline SFTS

Hirohisa Mekata*University of Miyazaki, Japan*

14:40-14:50

03-1-6 withdrawn

14:50-15:00

03-1-7 withdrawn

15:00-15:10

03-1-8 withdrawn

15:10-15:20

**03-1-9**TOWARD IN VIVO VISUALIZATION OF *Dirofilaria immitis*: FLUORESCENCE IMAGING AS COMPLEMENTARY DIAGNOSTIC TOOL**Edrinnov Farras KUSDARYANTA***Airlangga University, Indonesia*

15:20-15:30

**03-1-10**

A quadruplex MGB-qRT-PCR assay for simultaneous detection of four orthoflaviviruses in vector ecology

Xinyao Li*Huazhong Agricultural University, China***Program 4-1****Well-being of Small Animals: Animal Welfare Science, Ethology and Ethics**

Hall B7-2 (13:00-15:10)

Chair: **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, Germany)

13:00-13:30

**IV4-1-1**

Can "good" welfare have diversity? : Sociological comparison of veterinarians' perceptions in the UK and Japan

Yuki Otani*One Health Research Center, Hokkaido University, Japan / School of Veterinary Medicine, Hokkaido University, Japan*

13:30-14:00



IV4-1-2

Diseased by design or fit to function? Welfare implications of breeding for extreme conformation in dogs

Rowena Packer

Royal Veterinary College, London, UK

14:00-14:20

Coffee Break

14:20-14:30



04-1-3

The Potential of Accessible and Inclusive Education Tools: Advancing Animal Welfare Awareness and Behavioural Change through Podcasts

Mascha Kaddori

Berlin Veterinary Center, Germany

14:30-14:40



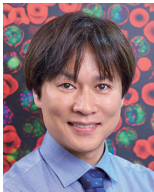
04-1-4

ELEVATING QUALITY OF LIFE IN COMPANION ANIMAL THROUGH SENSORY-BASED INTEGRATIVE CARE

Rieko Miura Tran

Pearl Veterinary Hospital, USA

14:40-14:50



04-1-5

CLINICAL INCIDENCE OF INCIDENTAL INTRACRANIAL LESIONS IN ASYMPTOMATIC FRENCH BULLDOGS

Yuya Nakamoto

Neuro Vets Animal Neurology Clinic, Japan

14:50-15:00



04-1-6

Examining and Implementing a Japan-Adapted CNVR Approach Toward the Eradication of Feral Dogs

Nana Ushine

Yamaguchi University, Japan

15:00-15:10



04-1-7

DISASTER RESPONSE FOR ANIMALS IN JAPAN: A COMPARATIVE ANALYSIS OF MUNICIPAL SECTOR STRATEGIES

Erika Oguro

Japan Animal Shelter Alliance, Japan

Program 5-1
WVA GA

Hall D5 (13:00-18:00)

Program 6-1
Advanced Fluid Therapy in Bovine Practice

Sponsored by: ZENOAG

Hall D7 (13:00-15:10)

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

13:00-13:30



IV6-1-1

Prediction of milk fever based on colostrum calcium concentration and a new fluid therapeutic strategy employing hypertonic saline solution

Nao Kondo

FJ Cattle Brights LLC, Shibeche town, Hokkaido, Japan

13:30-14:00



IV6-1-2

Clinical pharmacological strategies for bovine respiratory disease with NSAIDs, Macrolide, furosemide and fluids

Kazuyuki Suzuki

School of Veterinary Medicine, Rakuno Gakuen University, Japan

14:00-14:20



PT6-1-3

Advantage of nutritional infusion containing amino acids for diarrhetic calves

Kenji Tsukano

Aomori Agricultural Mutual Aid Association, Japan

14:20-14:40



PT6-1-4

CASES OF LAQUATWIN COMPACT WATER QUALITY METER FOR CA AND ELECTROLYTE MANAGEMENT IN PERIPARTURIENT COWS

Takaaki Yoshikawa

HORIBA Advanced Techno, Co., Ltd., Japan

14:40-15:00



PT6-1-5

Comparison of the alkalizing abilities between 1.35% sodium bicarbonate solutions with and without dextrose in healthy calves

Kaoru Sato

Technical Support Division, Nippon Zenyaku Kogyo, Japan

15:00-15:10

Break

Program 6-1 Large Animal: Research presentation 1

Hall D7 (15:10-17:50)

Chair: **Shingo Asakura** (Rakuno Gakuen University, Japan)

15:10-15:20



06-1-6

Genomic Epidemiology and Virulence-Associated Gene Diversity of *Streptococcus equi* ssp. *equi* from Equines

Dordia Anindita Rotinsulu

IPB University, Indonesia

15:20-15:30



06-1-7

COMPARISON OF PRE-LAMBING *CLOSTRIDIUM PERFRINGENS* TYPE D BOOSTER VACCINE PROTOCOLS IN EWES

Alawathhage Don Sureen Muthukumara

Graduate Student, Canada

15:30-15:40



06-1-8

Exploration of Farm-Level Factors Associated with Bovine Salmonellosis in Dairy Farms in Hokkaido, Japan: A Case-Control Study

Shingo Asakura

Rakuno Gakuen University, Japan

15:40-15:50



06-1-9

12R-HETE, highly abundant in the neonatal pig fecal oxylipin pool, enhances host resistance to *Salmonella* infection

Zhipeng Yang

Huazhong Agricultural University, China

Chair: **Nao Kondo** (FJ Cattle Brights LLC, Shibecha town, Hokkaido, Japan)

15:50-16:00



06-1-10

Neonatal porcine intestinal mucosa-derived high lactate-producing *Lactobacillus salivarius* W14 as a probiotic alternative for preventing *Salmonella* infection

Zhipeng Yang

Huazhong Agricultural University, China

16:00-16:10

**06-1-11**

CHANGES IN GRAM STAINING OF CHARACTERISTICS OF FECES IN SUCKLING CALVES

Miho Miyajima*Laboratory of Large Animal Clinical Sciences, Japan*

16:10-16:20

**06-1-12**

Mycotoxin Contamination in Asian Livestock Feed

Kana Kimura*ANH Japan K.K., Japan*

16:20-16:30

06-1-13 withdrawnChair: **Kyoko Chisato** (Rakuno Gakuen University, Japan)

16:30-16:40

**06-1-14**

Evaluation of a point - of- care testing for BVDV using a portable real-time PCR device

Tsuneyuki Masuda*Department of Veterinary Medicine, Faculty of Veterinary Medicine, Okayama University of Science, Japan*

16:40-16:50

06-1-15 withdrawn

16:50-17:00

**06-1-16**

GASTROINTESTINAL PARASITE PATTERNS IN GOATS: A COMPARISON WITH LARGE RUMINANTS

Pornphutthachat Sota*Suranaree University of Technology, Thailand*

17:00-17:10

**06-1-17**

Evaluation of Cervical Ripening Progression by Rapid Measurement of Inflammatory Cytokine mRNA expressions in Late-Pregnant Cows

Takuto Hashiguchi*Graduate School of Medicine and Veterinary Medicine, University of Miyazaki, Japan*

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

17:10-17:20



06-1-18

Estimation of the keratin plug wet weight in dry dairy cows by ultrasonography

Mamiko Ono

Nihon University, Japan

17:20-17:30



06-1-19

Usefulness of Combined Laparoscopic and Manual Orchidectomy for Unilateral Inguinal Cryptorchidism in Two Young Bulls

Moeka Sato

Laboratory of farm animal internal medicine, University of Miyazaki, Japan

17:30-17:40



06-1-20

Case report: Rhabdomyosarcoma with a hematoma-like appearance in the lumber region of a Japanese Black calf

Chiho Matsumoto

Laboratory of Farm Animal Internal Medicine, Department of Veterinary Science, Faculty of Agriculture, University of Miyazaki, Japan

17:40-17:50



06-1-21

Effect of Colostrum Replacer Containing Bovine Leukemia Virus Antibodies on Infection and Antibody Level in Young Calves

Keiichi Matsuda

Miyagi Prefecture Agricultural Mutual Aid Association, Japan

Program 7-1

Challenges to Veterinary Education Reform (US Clinical Education)

G502 (13:00-17:40)

Chairs: **Junpei Kimura** (Professor Emeritus at Seoul National University, Japan)

Alice Lau (Yamaguchi University, Japan)

13:00-13:30



IV7-1-3

Animal Health and Welfare: Identifying True Goals of Clinical Veterinary Education

Kei Hayashi

College of Veterinary Medicine, Cornell University, USA / University of Tokyo, Tokyo, Japan

13:30-14:00



IV7-1-4

Cultivating Clinical Competence with Confidence: Training the Next Generation of Farm Animal Veterinarians a US perspective

Andrew Niehaus

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

14:00-14:30



IV7-1-5

DEVELOPING GLOBAL STANDARDS FOR VEE ACCREDITATION TO ENHANCE PROGRAM QUALITY

Patricia Turner

University Professor Emerita, University of Guelph, Canada

14:30-14:40

Coffee Break

14:40-15:10



PT7-1-6

Current Status and Challenges of Companion Animal Clinical Education in Japan

Masaru Okuda

Laboratory of Veterinary Internal Medicine, Department of Veterinary Medical Sciences, Graduate School of Agricultural and Life Sciences, The University of Tokyo, Japan

15:10-15:40



PT7-1-7

The Educational Role of the SKLV Center in Food-Animal Veterinary Medicine

Satoshi Ito

South Kyushu Livestock and Veterinary Medicine center, Joint Faculty of Veterinary Medicine, Kagoshima University, Soo, Japan

15:40-15:50

Coffee Break

15:50-16:00



07-1-8

Performance Evaluation of Generative Pre-trained Transformer on the National Veterinary Licensing Examination in Japan

Daiki Kato

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

16:00-16:10



07-1-9

PREDICTING VETERINARIANS LICENSURE EXAMINATION OUTCOMES USING MOCK EXAM PERFORMANCE AND MACHINE LEARNING

Ryan Bismark Cacayorin Padiernos

Central Luzon State University, Philippines

16:10-16:20



07-1-10

Creating a global list of veterinary schools: implications for One Health workforce needs

Neil Patrick Vezeau

Lincoln Memorial University College of Veterinary Medicine at Orange Park, USA

16:20-16:30



07-1-11

INTEGRATING 'ONE HEALTH' COMPETENCIES INTO THE VETERINARY BACHELOR'S CURRICULUM: AN ANALYSIS OF CURRICULAR GAPS IN MONGOLIA

Otgontugs Bat

School of Veterinary Medicine, Mongolian University of Life Sciences, Mongolia

16:30-16:40

07-1-12 withdrawn

16:40-16:50



07-1-13

Distributed Veterinary Education: Lessons learned from a training program supporting the transition of clinicians into educators.

Paul Pollard

University of Surrey, UK

16:50-17:00



07-1-14

Reimagining Readiness: The Challenges and a Case for Professional Skills in Veterinary Education

Robert John Simpson

Louisiana State University School of Veterinary Medicine, USA

17:00-17:10



07-1-15

The Importance of Student Preparedness Characteristics for Veterinary Workplace Clinical Training (WCT) in a Distributive Curriculum.

Kamalan Jeevaratnam

University of Surrey, UK

17:10-17:20



07-1-16

REIMAGINING VETERINARY EDUCATION POST-PANDEMIC: CHALLENGES AND OPPORTUNITIES

Rodel Jonathan Vitor

University of the Philippines Manila, Philippines

17:20-17:30



07-1-17

SOCIAL MEDIA HATE IN VETERINARY PRACTICE: IMPACTS ON WELLBEING, REPUTATIONAL LOSS, AND INTERNATIONAL COUNTERMEASURES

Nataliia Klietsova

University of Hertfordshire, United Kingdom; Sumy National Agrarian University, Ukraine

07-1-18 withdrawn

17:30-17:40



07-1-19

BECOME A SUPER DOC WITH THERMAL VISION!

Yukiko Kuwahara

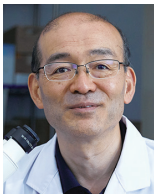
DVM, DRIC CVA AT LASERRIFFIC, USA

**Program 8-1
One Health for a Changing World:
Emerging Diseases, Contamination, and Beyond**

G402 (13:00-17:50)

Chair: **Manabu Onuma** (Biodiversity Division, National Institute for Environmental Studies, Japan)

13:00-13:30



IV8-1-2

Chronic Low-Dose Radiation Exposure and Reproductive Effects in Wild Rodents Following the Fukushima Nuclear Accident: Implications for One Health Risk Assessment

Manabu Onuma

Biodiversity Division, National Institute for Environmental Studies, Japan

13:30-14:00



IV8-1-3

Enhancing Multi-Sector Collaboration and Integrating Nature-Based Solutions for Better One Health Policy Outcomes

Jonathan M. Sleeman

College of Veterinary Medicine, University of Minnesota, St Paul, Minnesota, USA

14:00-14:30



IV8-1-4

Emerging and Re-emerging Environmental Contaminants under the One Health Framework: Metals, Pesticides, Microplastics, and PFAS across Wildlife and Human Health

Mayumi Ishizuka

Faculty of Veterinary Medicine, Hokkaido University, Japan

14:30-14:40

Coffee Break

14:40-14:50



08-1-5

Establishment of the Society of Asian Veterinary Epidemiology and One Health: SAVE-OH

Kohei Makita

Rakuno Gakuen University, Japan

14:50-15:00



08-1-6

One Health Joint Plan of Action for Emerging and Re-emerging Zoonotic epidemics and pandemics

Hwa-Young Lee

The Catholic University of Korea, Republic of Korea

15:00-15:10



08-1-7

IMPACT OF ONE HEALTH INTEGRATION ON ANIMAL PRODUCTIVITY AND NATIONAL PROSPERITY: AN INDIAN PERSPECTIVE

Naveen Kumar Gahlot

Post Graduate Institute of Veterinary Education and Research, Jaipur, India

15:10-15:20



08-1-8

One Health in History: Insights from Colonial Nigeria's Meat Industry

Oluwaseun Otosede Williams

University College Dublin, Ireland

15:20-15:30



08-1-9

HARNESSING AI AND MODEL CONTEXT PROTOCOLS FOR ONE HEALTH: OPPORTUNITIES AND CHALLENGES IN DEVELOPING COUNTRIES

Gerry Amor Camer

University of Eastern Philippines, Philippines

15:30-15:40



08-1-10

One Health approaches and innovative education tools for sustainable control of neglected zoonoses

Makoto Ukita

Rakuno Gakuen University, Japan

15:40-15:50



08-1-11

RISK-BASED MANAGEMENT OF WILDLIFE SPILLOVER: CRITICAL ROLE OF VETERINARIANS IN OPERATIONALISING ONE HEALTH

Lesa Thompson

World Organisation for Animal Health, Japan

15:50-16:00



08-1-12

IMPROVING DRINKING WATER HYGIENE IN LAYER CHICKEN FARMS: STRATEGY FOR POULTRY HEALTH AND FOOD SAFETY

Irma Isnafia Arief

Faculty of Animal Science- IPB UNIVERSITY, Indonesia

16:00-16:10



08-1-13

SYNBIOTIC FROM ONION WASTE ENHANCE GROWTH AND SURVIVAL OF NILE TILAPIA (*Oreochromis niloticus*)

Ronalie Rafael

Central Luzon State University, Philippines

16:10-16:20



08-1-14

ENVIRONMENTAL IMPACTS OF PET OWNERSHIP: A RISING GLOBAL CHALLENGE AND POTENTIAL SOLUTIONS

Omid Nekouei

City University of Hong Kong, Hong Kong

16:20-16:30

Coffee Break

16:30-16:40

08-1-15 withdrawn

08-1-16 withdrawn

16:40-16:50



08-1-17

ADDRESSING RABIES RESURGENCE IN ASIA AND THE PACIFIC: SURVEILLANCE, VACCINATION, AND REGIONAL COORDINATION

Kinzang Dukpa

World Organisation for Animal Health, Japan

16:50-17:00



08-1-18

From Re-emergence to Eradication: The Management of the 2012-2014 Rabies Outbreak in Greece

George Valiakos

University of Thessaly, Greece

17:00-17:10



08-1-19

Identification of novel broad-spectrum antiviral drugs targeting the N-terminal domain of the FIPV nucleocapsid protein

Jintao Zhang

Huazhong Agricultural University, China

17:10-17:20



08-1-20

Herd level sero-prevalence of bovine brucellosis in Morogoro Region, Tanzania

Hayato Furumoto

Rakuno Gakuen University, Japan

17:20-17:30



08-1-21

Emerging Antimicrobial Resistance at the Farm Environment Interface: Phenotypic and Genetic Characterization of *Escherichia coli* from Dairy Buffalo Farms in the Philippines

Marvin Bryan Segundo Salinas

Central Luzon State University, Philippines

17:30-17:40



08-1-22

MOLECULAR IDENTIFICATION AND ANTIMICROBIAL RESISTANCE PROFILE OF PATHOGENIC *E. coli* ISOLATED FROM *C. megachepala*

Putri Rahmatun Nazilah

Department of Health and Life Sciences, Faculty of Health, Medicine, and Life Sciences, Universitas Airlangga, Indonesia

17:40-17:50



08-1-23

Survey of *Corynebacterium ulcerans* carriage in cats in Niigata Prefecture, Japan, and subsequent measures

Tamako Ikeda

Niigata Prefecture Shibata Meat Inspection Center, Japan