

Program at a glance

20th October (Friday)	Pre-congress: 1) One Health Educational Workshop;	Venue: Universiti Malaysia Sarawak (UNIMAS) Time: 1400-1700
	2) Zoo and Wildlife Forensic Pathology Workshop; 3) Diagnostic Endoscopy of Reptiles and Amphibians; 4) Diagnostic Ultrasound for Small Mammals	Venue: State Diagnostic Laboratory Time: 0900-1700
1900-	Icebreaker Venue: Santubong Bar, Damai Beach Resort	

21st October (Saturday)	ASCM 10th International Conference Venue: Sunset Ballroom, Damai Beach Resort	
0800-0900	Registration	
0900-0930	Opening Ceremony	
0930-1000	Keynote 1: “One health approach in containing zoonotic diseases in Malaysia” Quaza Nizamuddin Hassan Nizam (Department of Veterinary Services Malaysia) <i>Chair: Reuben Sharma</i>	
1000-1030	Tea Break	
1030 - 1100	Keynote 2: “Biodiversity Conservation in Borneo” Oswald Braken Tisen (Sarawak Forestry Corporation) <i>Chair: Mohd Azlan Jayasilan</i>	
1100-1200	Plenary Session 1: “A multi-disciplinary approach to the conservation of Gyps vultures in South Asia: A role for veterinary professionals” Nic Master (Zoological Society of London) “A paradigm shift in standards for the assessment of animal welfare” Sumita Sugnaseelan (Universiti Putra Malaysia) <i>Chair: Junpei Kimura</i>	
1200-1300	Lunch Break Poster Session (odd number)	
1300-1500 (Parallel session)	Forensic Medicine and Pathology <i>Chair: Achariya Sailasuta; Chian-Ren Jeng</i>	Wildlife Management and Conservation <i>Chair: Ali Anwar; Zahidah Zeid</i>
1500-1530	Tea Break Poster Session (odd number)	
1530-1700 (Parallel session)	Marine Mammal <i>Chair: Yuko Tajima</i>	Primate <i>Chair: Nobuhide Kido</i>
1700-1800	ASCM-JSZWM: Zoo and Aquarium Vets Networking Session	
1900-2200	Banquet Dinner Venue: Sunset Ballroom, Damai Beach Resort	

22nd October (Sunday)	ASCM 10th International Conference Venue: Sunset Ballroom, Damai Beach Resort	
0800-0900	Registration	
0900-1000	<p>Plenary Session 2: “Human-wildlife interface and emerging bat-borne zoonoses” Tin Tin Myaing (Regional Veterinary Moderator Pro/MED; International Society of Infectious Disease ISID)</p> <p style="text-align: center;">“Infectious diseases control in monkey colonies” Yasuhiro Yoshikawa (Chiba Institute of Science, Japan)</p> <p style="text-align: right;"><i>Chair: Bambang Pontjo</i></p>	
1000-1030	Tea Break Poster Session (even number)	
1030-1200	<p>Plenary Session 3: “Wildlife euthanasia vs humane killing: Theory vs practice” Alessandro Grioni (Kadoorie Farm and Botanic Garden, Hong Kong)</p> <p style="text-align: center;">“Advanced reproductive technologies in wildlife conservation in Malaysia” Zainal Zahari Zainuddin (Borneo Rhino Alliance)</p> <p style="text-align: center;">“Advances in diagnostic and surgical endoscopy of exotic animals” Zdenek Knotek (University of Veterinary & Pharmaceutical Sciences, Czech Republic)</p> <p style="text-align: right;"><i>Chair: Kadek Karang Agustina</i></p>	
1200-1300	Lunch Break Poster Session (even number)	
1300-1500 (Parallel session)	Basic Science; Reptiles and Amphibians <i>Chair: Chen-Chih Chen</i>	Asian Bear; Elephant <i>Chair: Joost Philippa</i>
1500-1530	Tea Break	
1530-1645 (Parallel session)	Clinical Medicine and Diagnostic <i>Chair: Tina Chen</i>	Avian Medicine <i>Chair: Jae-Ik Han</i>
1700	Award Ceremony Next Meeting Announcement Closing Ceremony	
23rd October (Monday)	Post-congress Workshop	

20th October, 2017

Pre-congress: One Health Educational Workshop

VENUE: Multimedia Theatre, Faculty of Resource Science and Technology, Universiti Malaysia Sarawak (UNIMAS)

TIME: 14:00 – 17:00

FACILITATORS:

1. Junpei Kimura (Secretary General of ASCM)
2. Achariya Sailasuta (Secretary General of FAVA)

OPENING SPEECH:

14:00 – 14:30

1. Junpei Kimura (Secretary General of ASCM)
2. Othman Bojo (Dean of Faculty of Resource Science and Technology, UNIMAS)

Photo session

LECTURES:

14:30 – 14:50 Role of FAVA in One Health in Asia

Achariya Sailasuta (Federation of Asian Veterinary Associations, Thailand)

14:50 – 15: 30 Wildlife Health and Disease

Pam Whiteley (Wildlife Disease Association, Australia)

15:30 – 16:00 Tea Break and discussion

16:00 – 16:40 Using radiotelemetry and marking techniques for wildlife disease surveillance and impact assessment
Chen-Chih Chen (National Pingtung University of Science and Technology, Taiwan)

16:40 – 17:00 The utilization of “natural resources” for the international collaborative research
Junpei Kimura (Seoul National University, Korea)

Pre-congress: Zoo and Wildlife Forensic Pathology Workshop

VENUE: State Diagnostic Laboratory

TIME: 09:00 – 17:00

LECTURERS/INSTRUCTORS:

1. Chia-Da Hsu (Wildlife Reserve Singapore, Singapore)
2. Wei-Hsiang Huang (National Taiwan University, Taiwan)

Time	Detail
08:30 – 09:00	Registration
09:00 – 10:00	Introduction of Zoo and Wildlife Forensic Pathology
10:00 – 10:30	Tea Break
10:30 – 11:00	Necropsy Photography (Lecture)
11:00 – 12:00	Necropsy Procedure (Lecture)
12:00 – 13:00	Lunch Break
13:00 – 16:00	Zoo and Wildlife Necropsy Practical
16:00 - 17:00	Summary and Discussion

Pre-congress: Diagnostic Endoscopy of Reptiles and Birds

VENUE: State Diagnostic Laboratory

TIME: 09:00 – 17:00

FACILITATOR: Reuben Sharma (Universiti Putra Malaysia, Malaysia)

LECTURER: Zdenek Knotek (University of Veterinary and Pharmaceutical Sciences Brno, Czech Republic)

Time	Detail
08:30 – 09:00	Registration
09:00 – 10:00	Introduction to Endoscopy and Equipment
10:00 – 10:30	Tea Break
10:30 – 11:00	Applications for Endoscopy in reptiles and birds
11:00 – 12:00	Case studies in Diagnostic Endoscopy
12:00 – 13:00	Lunch Break and Exhibition of Endoscopy Equipment
13:00 – 16:00	Endoscopy Practice on Reptiles and Birds
16:00 - 17:00	Review and Q&A

Pre-congress: Ultrasound for Small Mammals

VENUE: State Diagnostic Laboratory

TIME: 09:00 – 17:00

LECTURER: A. Sivan (Universiti Putra Malaysia)

Time	Detail
08:30 – 09:00	Registration
09:00 – 10:00	Introduction to Ultrasound and Equipment
10:00 – 10:30	Tea Break
10:30 – 11:00	Ultrasound Techniques for Small Mammals
11:00 – 12:00	Case studies in Diagnostic Ultrasound
12:00 – 13:00	Lunch Break and Exhibition of Ultrasound Equipment
13:00 – 16:00	Ultrasound Practice on Small Mammals – Examination of the abdomen
16:00 - 17:00	Review and Q&A

Asian Society of Conservation Medicine (ASCM) 10th International Conference

21st -22nd October, 2017

Sunset Ballroom, Damai Beach Resort

21st October 2017 (Saturday)

Registration

0800-0900

Opening Ceremony

0900-0930

Reuben Sharma (Chairman of Local Organizing Committee)
Tokuma Yanai (Senior Board, ASCM)
YB Datuk Amar Haji Awang Tengah Ali Hasan
(Second Minister of Urban Development and Natural Resources)

Keynote 1

0930-1000

Quaza Nizamuddin Hassan Nizam (Department of Veterinary Services Malaysia)
"One health approach in containing zoonotic diseases in Malaysia"

Tea Break

1000-1030

Keynote 2

1030-1100

Oswald Braken Tisen (Sarawak Forestry Corporation)
"Biodiversity Conservation in Borneo"

Plenary Session 1

1100-1130

Nic Master (Zoological Society of London)
"A multi-disciplinary approach to the conservation of Gyps vultures in South Asia: A role for veterinary professionals"

1130-1200

Sumita Sugnaseelan (Universiti Putra Malaysia)
"A paradigm shift in standards for the assessment of animal welfare"

Lunch

Poster Session (odd number)

1200-1300

Forensic Medicine and Pathology

(Parallel session)

1300-1445

- 1300-1315 The importance of forensic pathology for the conservation medicine
Tokuma Yanai (Gifu University, Japan)
- 1315-1330 Forensic pathology and illegal trades of wildlife animals in Indonesia
Bambang Pontjo Priosoeryanto (Bogor Agricultural University, Indonesia)
- 1330-1345 Forensic pathology in Wildlife Reserves Singapore - Not just a tool in crime investigations
Chia-Da Hsu (Wildlife Reserve Singapore)
- 1345-1400 Wildlife forensic cases in Japan from 2013 to 2016
Manabu Onuma (National Institute for Environmental Studies, Japan)
- 1400-1415 Malignant prostate cancer causing uremia and secondary gas-forming bacterial infection in a wild boar (*Sus scrofa*)
YeonSu Oh (Kangwon National University, Korea)
- 1415-1430 Ileocolic intussusception and spirorchiidiasis in a stranded green sea turtle (*Chelonia mydas*)
Chia-Wei Yen (National Taiwan University, Taiwan)
- 1430-1445 Diffuse type gastric mucinous adenocarcinoma in a California King snake
Cheng Shun Hsueh (National Taiwan University, Taiwan)

Wildlife Management and Conservation

(Parallel session)

1300-1445

- 1300-1315 Preserving and sharing critical wildlife health information in Nepal
Gretchen E. Kaufman (Veterinary Initiative for Endangered Wildlife)
- 1315-1330 Wildlife disease risk assessment for Korea
Lee Hang (Seoul National University, Korea)
- 1330-1345 Distribution of civets in selected area of Western Sarawak
Sally Soo Kaicheen (Universiti Malaysia Sarawak, Malaysia)
- 1345-1400 Hand-rearing of two large-spotted civets (*Viverra zibetha*): A case report
Patcharida Dittawong (Kasetsart University, Thailand)
- 1400-1415 Urolithiasis status in Asian short clawed otters and its prevention in zoos worldwide
Francis Cabana (Wildlife Reserve Singapore)
- 1415-1430 Captive breeding management of Southern koala (*Phascolarctos cinereus*) with twin pouch young
Adrienne Lavinia (Ballarat Wildlife Park, Australia)
- 1430-1445 The threat of pathogen pollution from exotic species on free-living wild animals in Taiwan
Chen-Chih Chen (National Pingtung University of Science and Technology, Taiwan)

Tea Break

Poster Session (odd number)

1500-1530

Marine Mammals

(Parallel session)

1530-1700

- 1530-1545 An update on marine mammal research in Sarawak
Samantha Ambie (Universiti Malaysia Sarawak, Malaysia)
- 1545-1600 Middle-sized balaenopterids in Southeast Asian waters
Tadasu K. Yamada (National Museum of Nature and Science, Japan)
- 1600-1615 Serologic study on Brucella infection in pinnipeds in Hokkaido
Kazue Ohishi (Tokyo Polytechnic University, Japan)
- 1615-1630 Persistent organic pollutants (POPs) in dolphin species: Species and tissue-specific accumulation
Mari Ochiai (Center for Marine Environmental Studies, Ehime University, Japan)
- 1630-1645 Photogrammetry 3DCG modelling is effective for the comparative observation of large objects such as whale skulls
Kent Mori (National Museum of Nature and Science, Tokyo, Japan)
- 1645-1700 Case report: Necropsy observation of two stranded pilot whale in the Coast of Java Island
Lina Susanti (Seoul National University, Korea)

Primate

(Parallel session)

1530-1700

- 1530-1545 The overview of post release monitoring by radio collar transmitter in Javan slow loris in IAR Indonesia and its clinical findings
Nur Purba Priambada (IAR Indonesia)
- 1545-1600 Habitat occupancy and activity patterns of the long-tailed and pig-tailed macaques in Sarawak, Borneo
Melynda Cheok Ka Yi (Universiti Malaysia Sarawak, Malaysia)
- 1600-1615 Potential health threats from working pig-tailed macaques (*Macaca nemestrina*)
Sandie Choong Siew Shean (Universiti Malaysia Kelantan, Malaysia)
- 1615-1630 Study of *Entamoeba spp.* in free-living Formosan macaque in an area with frequent humans-macaques contact
Ai-Mei Chang (National Pingtung University of Science and Technology, Taiwan)
- 1630-1645 Correlation of ground activities with gastrointestinal helminths infected in Sumatran Orangutan at reintroduction station – Jantho Aceh Indonesia
Andika Pandu Wibisono (YEL-Sumatran Orangutan Conservation Programme, Indonesia)
- 1645-1700 Effect of Delsorelin on testosterone, testicular volume and weight of ring tailed lemur (*Lemur catta*)
Guillaume Douay (Wildlife Reserve Singapore)

ASCM-JSZWM: Zoo and Aquarium Vets Networking Session

1700-1800

Banquet Dinner

1900-2200

22nd October 2017 (Sunday)

Registration
0800-0900

Plenary Session 2
0900-0930

Tin Tin Myaing (Regional Veterinary Moderator Pro/MED; International Society of Infectious Disease
ISID)
"Human-wildlife interface and emerging bat-borne zoonoses"

0930-1000

Yasuhiro Yoshikawa (Chiba Institute of Science, Japan)
"Infectious diseases control in monkey colonies"

Tea Break
Poster Session (even number)
1000-1030

Plenary Session 3
1030-1100

Alessandro Gioni (Kadoorie Farm and Botanic Garden, Hong Kong)
"Wildlife euthanasia vs humane killing: Theory vs practice"

1100-1130

Zainal Zahari Zainuddin (Borneo Rhino Alliance)
"Advanced reproductive technologies in wildlife conservation in Malaysia"

1130-1200

Zdenek Knotek (University of Veterinary & Pharmaceutical Sciences, Czech Republic)
"Advances in diagnostic and surgical endoscopy of exotic animals"

Lunch Break
Poster Session (even number)
1200-1300

Basic Science
(Parallel session)
1300-1400

- 1300-1315 Characterizing the stages of antipredator behavior by plover during breeding and the purpose of the distraction display
Hyun-Kyu Cho (Seoul National University, Korea)
- 1315-1330 Effect of DDTs on gallinacins in the avian immune system

- Lesia Thompson (Hokkaido University, Japan)
- 1330-1345 Molecular characterization of *Streptococcus suis* isolate from a Eurasian river otter (*Lutra lutra*) with septicemia, Korea
Ho-Seong Cho (Chonbuk National University, Korea)
- 1345-1400 Taxonomic approaches to superfamily Echinostomatoidea in the Republic of Korea
SeongJun Choe (Chonbuk National University, Korea)

Reptiles and Amphibians

(Parallel session)

1400-1445

- 1400-1415 *Mycobacterium marinum* infection in scheltopusiks (*Ophisaurus apodus*)
Shiomi Yoshida (Nagasaki University Graduate School of Biomedical Sciences, Japan)
- 1415-1430 Prevalence and intensity of *Amblyomma helvolum* (Acari: Ixodidae) infesting the water monitor lizard (*Varanus salvator*) within a fragmented landscape in Borneo
Sergio Guerrero-Sanchez (Cardiff University/ Danau Girang Field Centre- Sabah Wildlife Department)
- 1430-1445 Beak trim considerations in the Burmese Brown tortoise (*Manouria emys emys*)
Adrienne Lavinia (Ballarat Wildlife Park, Australia)

Asian Bear

(Parallel session)

1300-1400

- 1300-1330 The conservation issues of Sun bear in Malaysia and the roles of Bornean Sun Bear Conservation Centre to conserve them
Wong Siew Te (Bornean Sun Bear Conservation Centre, Malaysia)
- 1330-1400 Hibernation and reproduction of bears
Toshio Tsubota (Hokkaido University, Japan)

Elephant

(Parallel session)

1400-1500

- 1400-1415 Genomic monitoring of clinical strains of *Mycobacterium tuberculosis* isolated from a captive Asian elephant
Takayuki Wada (Nagasaki University, Japan)
- 1415-1430 Tuberculosis infection in an Asian elephant at a Japanese Zoo and its first treatment in Japan
Satoshi Ishikawa (Fukuyama Municipal Zoo, Japan)
- 1430-1445 Sudden death of an Asian elephant (*Elephas maximus*) due to an enteric Clostridium infection
P.M.P.Karunanayake (University of Peradeniya, Sri Lanka)
- 1445-1500 Treatment of hoof disorder in Indian elephant (*Elephas maximus indicus*)
Nobuhide Kido (Kanazawa Zoological Gardens, Japan)

Tea Break

1500-1530

Clinical Medicine and Diagnostic

(Parallel session)

1530-1645

- 1530-1545 Alfaxalone application in Taipei Zoo
Joe, Jun-Cheng Guo (Taipei Zoo, Taiwan)
- 1545-1600 Usage of the new anthelmintic class monepantel in a Transvaal giraffe (*Giraffa camelopardalis*) with severe gastrointestinal parasitic infestation
Ali Anwar Bin Ahmad (Wildlife Reserve Singapore)
- 1600-1615 Endoscopic laser surgery of unilateral laryngeal paralysis in tigers (*Panthera tigris*)
Benchapol Lorsunyaluck (Kasetsart University Veterinary Teaching Hospital, Thailand)
- 1615-1630 Laparoscopic assisted cystotomy for cystic and urethral calculi removal in a Timber wolf (*Canis lupus occidentalis*)
Yen Hsueh Lai (Taipei Zoo, Taiwan)
- 1630-1645 Pyometra and adenocarcinoma in a spotted leopard
Kavitha Jayaseelan (Zoo Negara Malaysia)

Avian

(Parallel session)

1530-1645

- 1530-1545 Veterinary and husbandry management of Blue-crowned laughing thrush (*Dryonastes courtoisi*) in Ocean Park, Hong Kong
Lee Foo Khong (Ocean Park Corporation, Hong Kong)
- 1545-1600 Albino chick: A rare condition in bird
Syahar Amir A.Gani (Langkawi Wildlife Park, Malaysia)
- 1600-1615 Mesh skin grafts used in a non-healing wound of Eurasian hobby (*Falco subbuteo*)
Chia-Ying Wu (National Taiwan University, Taiwan)
- 1615-1630 Basal cell carcinoma with poxvirus-like inclusion in a red-collared dove
Hao-Che Yen (National Taiwan University, Taiwan)
- 1630-1645 High prevalence of *Chlamydia psittaci* in wild and rehabilitated ducks in New Zealand
Soon Xue Qi (Massey University, New Zealand)

Award Ceremony

Next Meeting Announcement

Closing Ceremony

1700-1730

23rd October 2017 (Monday)

Post-congress Workshop

Diploma Examination

Poster Session

P1	The project to establish Seoul Wildlife Center in Seoul National University
	Hyunkyung Jang (Seoul National University, Korea)
P2	A study on release and monitoring of captive-bred Seoul frog (<i>Rana plancyi chosonica</i>) in the ecological park of Seoul city
	Yong-Gu Yeo (Seoul Zoo, Korea)
P3	Surveillance for wild mammals infectious disease in Gangwon province
	Sanghyun Lee (Kangwon National University, Korea)
P4	Evaluation of airborne fungi and bacteria with antibiotic resistant genes at the wildlife rescue center
	Hye-Jin Jang (Chonbuk National University, Korea)
P5	Prevalence and antimicrobial resistance of staphylococci isolated from wildlife in Chonbuk province, Korea
	Jieun Bae (Chonbuk National University, Korea)
P6	Nannizziopsis Chlamydsopora infection of skin in a captive bearded dragon (<i>Pogona vitticeps</i>)
	Haerin Rhim (Chonbuk National University, Korea)
P7	Mycobacteriosis due to <i>Mycobacterium genavense</i> in a captive Indian peafowl (<i>Pavo cristatus</i>)
	Ho-Seong Cho (Chonbuk National University, Korea)
P8	Some records on parasitic and infectious diseases from free-ranging or captive avian species with special reference to recent cases dealt with the Wild Animal Medical Center, Rakuno Gakuen University, Japan
	Mitsuhiko Asakawa (Rakuno Gakuen University, Japan)
P9	Renal trematode in <i>Pyrrhula pyrrhula</i> (Eurasian bullfinch) at Jurong Bird park in Singapore
	Chia-Da Hsu (Wildlife Reserve Singapore)
P10	Intestinal multi parasitism in a rescued great cormorant (<i>Phalacrocorax carbo</i>) in South Korea
	Sung-Ryong Kim (Chungbuk National University, Korea)
P11	Molecular characterizations of <i>Theileria sp.</i> in wild ruminants in Thailand: a pilot study
	Supaphen Sripiboon (Kasetsart University, Thailand)
P12	A novel study comparing the anthelmintic activity of fenbendazole and monepantel against gastrointestinal nematodes in Asian toads (<i>Duttaphrynus melanostictus</i>)
	Ali Anwar Bin Ahmad (Wildlife Reserve Singapore)
P13	Outbreaks of highly pathogenic Avian influenza H5N6 in Seoul Zoo, Korea
	Kyung-Yeon Eo (Seoul Zoo, Korea)
P14	A case report of molecular identification of Avipoxvirus infection from free-living rock pigeon (<i>Columba livia</i>) in Thailand
	Sirinart Chaichanathong (Kasetsart University, Thailand)
P15	The repair of a fractured upper beak in the red-crowned crane using external fixation
	Hiroko Ima (Crane Team, Kushiro Zoo, Japan)
P16	Gastric contents of the Red-crowned crane (<i>Grus japonensis</i>) in Hokkaido, Japan
	Tomoo Yoshino (Kushiro Zoo, Japan)

P17	Characterization of the MSP1 gene from captive penguins infected with <i>Plasmodium relictum</i>
	Koichi Murata (Nihon University, Japan)
P18	Discovery of renal biomarkers in birds by transcriptome analysis and glycomics analysis following kidney injury in chicken model
	Chihiro Ishii (Hokkaido University, Japan)
P19	Karyotyping technique from fibroblast cells of eyelid skin, aorta and blood of Siamese crocodile (<i>Crocodylus siamensis</i>)
	Manakorn Sukmak (Kasetsart University, Thailand)
P20	Hematologic, biochemical and physical reference intervals for Eurasian Eagle owls (<i>Bubo bubo</i>)
	Yongwoo Cho (Kangwon National University, Korea)
P21	Hematologic, biochemical and physical reference intervals for Eurasian Black vulture (<i>Aegypius monachus</i>)
	Hyeonhan Ku (Kangwon National University, Korea)
P22	Hematological and biochemical analyses in raccoon dogs (<i>Nyctereutes procyonoides</i>) infected with <i>Sarcoptes scabiei</i>
	Sangjin Ahn (Kangwon National University, Korea)
P23	Concentrations of cortisol and catecholamine in the urine of captive Sumatran orangutans (<i>Pongo abelii</i>)
	Sho Hamazaki (Tokyo University of Agriculture, Japan)
P24	Changes in urinary sex steroid hormones in captive Sumatran Orangutan (<i>Pongo abelii</i>)
	Hiroko Hotta (Toyohashi Zoo and Botanical Park, Japan)