

SCIENTIFIC PROGRAMME

12th June		Wednesday	
		Workshops: parallel sessions	
07:15 – 09:00 12:00 – 14:00 17:00 – 20:00		Registration and conference desk open (Conference venue)	
07:30 - 16:00		EZCM-ACZM short course Maya Kummrow (Clinic for Zoo Animals, Exotic Pets and Wildlife/Zurich Zoo, Switzerland)	
08:00 - 14:00		Reptile medicine and handling Rachel Marschang (Laboklin GmbH & Co. KG, Germany)	
08:00 - 17:00		Advanced anaesthesia Carsten Grøndahl (Copenhagen Zoo, Denmark) Christine Lendl (Grünwald, Germany) Torsten Möller (Kolmården Zoo and Wildlife Park, Sweden)	
09:00 - 17:00		1st Zoo and wildlife pathology workshop Karin Lemberger (Faunapath/Vet Diagnostics, France) Maja Ruetten (PathoVet AG, Switzerland)	
08:00 - 12:00		Field anaesthetic and surgical techniques Jon Arnemo (Inland Norway University of Applied Sciences, Norway)	
09:00 - 17:00		The basics of immobilization of zoo mammals Bengt Röken (Kolmården Zoo and Wildlife Park, Sweden) Anita Burkevica (Parken Zoo Eskilstuna, Sweden)	
09:00 - 17:00		Zoo dentistry - the hypsodont, the specialist of grinding grass! Torbjörn Lundström Bim Boijesen (Kolmården Zoo and Wildlife Park, Sweden)	
09:00 - 17:00		Medical training - conditioning animals to participate in medical procedures Peter Giljam (Kolmården Zoo and Wildlife Park, Sweden) Geraldine Lacave (MMVS, Belgium) Louise Guevara (Kolmården Zoo and Wildlife Park, Sweden)	
09:00 - 17:00		Addressing cetacean medicine Tania Monreal-Pawlowsky (International Zoo Veterinary Group, UK)	
19:00 - 22:00		ICE BREAKER/WELCOME EVENING (Conference venue)	

13th June		Thursday
07:15 - 08:30		Registration & conference desk open
08:00 - 08:20		Opening ceremony (Kolmården, ECZM, IZW, EAZWV)
Session chairs	Bröjer C Konjevic D	Wildlife conservation I
08:20	Arnemo J	PLENARY TALK: 30 YEARS EXPERIENCE IN WILDLIFE RESEARCH
09:10	Boesen A	SCREENING FOR LEAD IN SCANDINAVIAN BROWN BEARS (<i>URSUS ARCTOS</i>)
09:24	Quintard B	VETERINARY FOLLOW-UP OF A LOCAL REINTRODUCTION PROGRAM (<i>EMYS ORBICULARIS</i>): FROM THE EGG TO THE WILD!
09:38	Reckendorf A	THE OTTER WAY OF WILDLIFE MANAGEMENT – OTTER-FRIENDLY EXITS FROM FISH FYKES SUCCESSFULLY DEVELOPED IN COLLABORATION WITH STAKEHOLDERS
09:52	Sós E	FROM THE “PUSZTA” TO THE STEPPE – LARGE SCALE PRZEWALSKI’S HORSE (<i>EQUUS FERUS PRZEWALSKII</i>) TRANSPORT FROM THE HORTOBÁGY NATIONAL PARK TO RUSSIA
10:06		Coffee break
10:00 – 11:00		Registration & conference desk open
Session chairs	Lüders I Hermes R	Reproductive medicine
10:35	Callealta I	NON-SURGICAL ARTIFICIAL INSEMINATION IN AFRICAN LIONESSES (<i>PANTHERA LEO</i>) AFTER OVULATION INDUCTION WITH A GNRH ANALOGUE
10:49	Crosta L	AVIAN INCUBATION
11:03	Koepfel K	FLAMINGO CRISIS- MEDICAL CHALLENGES IN RAISING LESSER FLAMINGO CHICKS
Session chairs	Greunz E Leclerc A	Diagnostics
11:17	Cole G	BLOOD COAGULATION ASSESSMENT OF CAPTIVE ASIAN ELEPHANTS (<i>ELEPHAS MAXIMUS</i>) USING VISCOELASTIC POINT-OF-CARE UNITS
11:31	Cummings C	RECOMBINANT HUMAN TISSUE FACTOR AND KAOLIN-ACTIVATED THROMBOELASTOGRAPHY (TEG) IN CLINICALLY HEALTHY ADULT ALPACAS (<i>VICUGNA PACOS</i>)
11:45	Esparza K	FAECAL INFLAMMATORY BIOMARKERS IN CAPTIVE TIGERS (<i>PANTHERA TIGRIS</i>)
11:59	Lueders I	ADVANCED DIAGNOSTIC OPTIONS FOR RENAL DYSFUNCTION IN ASIAN ELEPHANTS (<i>ELEPHAS MAXIMUS</i>)
12:13	Myers D	URINE AS A PREDICTOR OF CARNIVORE HEALTH
12:27	Perrin K	ACUTE PHASE REACTANTS IN HEALTHY, SICK AND DEVIL FACIAL TUMOUR DISEASE-AFFECTED TASMANIAN DEVILS (<i>SARCOPHILUS HARRISII</i>)
12:41		EAZWV working group reports
13:05		Lunch break
12:30 – 14:30		Registration & conference desk open

13th June		Thursday
Session chairs	Delnatte P Origgi F	Reptile and amphibian medicine
14:15	Marschang R	PLENARY TALK: REPTILE INFECTIOUS DISEASES WITH A FOCUS ON EUROPE
15:05	Flach E	POST MORTEM FINDINGS IN EIGHT SPECIES OF CAPTIVE CAECILIAN (GYMNOPHIONA) OVER A TEN-YEAR PERIOD
15:19	Gantner L	COMPARISON OF THE EFFECT OF ALFAXALONE VS MEDETOMIDINE AND KETAMINE FOR INDUCTION OF ANAESTHESIA IN <i>TRACHEMYS SCRIPTA</i> SP. UNDERGOING STERILISATION
15:33	Hoby S	EPIZOOTIC MYCOBACTERIOSIS IN COLORADO RIVER TOADS (<i>INCILIUS ALVARIUS</i>) – PATHOLOGY AND CLINICAL CHALLENGE
15:47	Leineweber C	SEASON AND SEX SPECIFIC THYROID HORMONE LEVELS IN DIFFERENT EUROPEAN TORTOISE SPECIES (<i>TESTUDO</i> SPP.)
16:01	Shopland S	CORNEAL LIPIDOSIS IN TWO COLLECTIONS OF LEMUR LEAF FROGS (<i>AGALYCHNIS LEMUR</i>)
16:15	Coffee break	
15:45 – 16:45	Registration & conference desk open	
Session chairs	Koroknai V Quintard B	Other topics
16:45	Vitali F	ETORPHINE-AZAPERONE IMMOBILISATION FOR TRANSLOCATION OF FREE-RANGING MASAI GIRAFFES (<i>GIRAFFA CAMELOPARDALIS TIPPELSKIRCHI</i>) IN KENYA
16:59	Steinmetz H	THE BENEFIT OF SAND SUBSTRATE AND EXERCISE ON FOOT HEALTH IN ASIAN ELEPHANTS (<i>ELEPHAS MAXIMUS</i>)
17:13	van Wessem C	HEMIMANDIBULECTOMY IN PYGMY SLOW LORIS (<i>NYCTICEBUS PYGMAEUS</i>): A TREATMENT OPTION FOR ADVANCED DENTAL DISEASE
17:27	Mota S	CASE REPORT: DECOMPRESSIVE SURGERY IN A RED FOX (<i>VULPES VULPES</i>) – REHABILITATION OF A PARAPARETIC WILD MAMMAL
18:00 – 19:00	EAZWV working group meetings	
18:00 – 19:00	Student mentor mixer	
19:30 – 20:00	Dolphin show - Dolphinarium	
20:00 – 23:00	BBQ – Restaurant Safari	

14 th June		Friday
07:15 - 08:30		Registration & conference desk open
Session chairs	Adkesson M Pizzi R	Diagnostic imaging
08:00	Barton L	A RETROSPECTIVE RADIOLOGICAL STUDY OF DEGENERATIVE ARTHROPATHIES OF CAPTIVE LARGE CATS: PREVALENCE, SEVERITY AND DISTRIBUTION
08:14	Fernández-Bellón H	HOW TO BUILD A CHEAP INFRARED ANIMAL BEHAVIOUR MONITORING AND RECORDING SYSTEM USING A RASPBERRY PI™
08:28	Garcia Parraga D	EFFECTS OF 3T MAGNETIC RESONANCE IMAGING EXPOSURE ON THE BEHAVIOUR AND ORIENTATION IN MAGNETIC SENSITIVE SPECIES: HOMING PIGEONS (<i>COLUMBA LIVIA</i>) AND LOGGERHEAD SEA TURTLES (<i>CARETTA CARETTA</i>)
08:42	Locquet L	TRANSTHORACIC ECHOCARDIOGRAPHY AND CARDIAC BIOMARKERS IN HEALTHY CAPTIVE MALE AND FEMALE SQUIRREL MONKEYS (<i>SAIMIRI SPP.</i>)
08:56	Rojo-Solis C	CASE REPORT: ENDOSCOPIC RESOLUTION OF EGG-YOLK COELOMITIS IN BLACKCHIN GUITARFISH (<i>GLAUCOSTEGUS CEMICULUS</i>)
09:06	Bruins-van Sonsbeek L	CASE REPORT: MONITORING OVARIAN CYCLICITY IN A CAPTIVE KOMODODRAGON (<i>VARANUS KOMODOENSIS</i>) BY ULTRASOUND EXAMINATION
Session chairs	Bröjer C Konjevic D	Wildlife conservation II
09:16	Walzer C	GOING TO THE DOGS – GLOBAL CONSERVATION IMPACTS ON WILDLIFE FROM DOMESTIC DOGS
09:30	Warren K	WILDLIFE CONSERVATION MANAGEMENT AT THE NEXUS OF VETERINARY SCIENCE AND ECOLOGY – THE DEVELOPMENT OF A NOVEL DOUBLE TAGGING
09:44	Wenker C	SURPRISING BIODIVERSITY BETWEEN ZOO ENCLOSURES - A POTENTIAL INTERFACE TO VETERINARY CARE AND RESEARCH
09:58		Coffee break
09:45 - 10:45		Registration & conference desk open
Session chairs	Hydeskov H Hard T	The role of infectious diseases in wildlife conservation
10:30	Masters N	MYCOBACTERIUM TUBERCULOSIS COMPLEX DIAGNOSTICS IN ASIATIC LION (<i>PANTHERA LEO SSP. PERSICA</i>)
10:44	Milnes E	TICK-BORNE DISEASE IN A CHANGING CLIMATE: INVESTIGATING THE EMERGENCE OF <i>BABESIA ODOCOILEI</i> IN CANADIAN CERVIDS
10:58	Sós-Koroknai V	TRENDS AND INCIDENCE OF WEST NILE VIRUS INFECTION IN GOSHAWKS (<i>ACCIPITER GENTILIS</i>) IN A HUNGARIAN WILDLIFE RESCUE CENTER OVER THE PAST 10 YEARS
11:12	Vercammen F	RESPIRATORY DISEASE IN CAPTIVE BONOBOS (<i>PAN PANISCUS</i>)
Session chairs	van Bolhuis H Hoby S	Anaesthesia in zoological medicine
11:26	Böhner J	COMPARISON OF THREE DIFFERENT IMMOBILIZATION PROTOCOLS IN SEMI-WILD KHULANS (<i>EQUUS HEMIONUS</i>)
11:40	Einwaller J	EFFECTS OF THE PERIPHERAL A2-ADRENOCEPTOR ANTAGONIST VATINOXAN ON MEDETOMIDINE-INDUCED BRADYCARDIA AND HYPERTENSION IN RED DEER (<i>CERVUS ELAPHUS</i>)
11:54	Feltrer Rambaud Y	COMPARISON OF ARTERIAL BLOOD GASES AND OTHER PHYSIOLOGICAL PARAMETERS BETWEEN TWO ANAESTHETIC PROTOCOLS IN SEMI-FREE RANGING SANCTUARY CHIMPANZEES
12:08	Greunz E	THE IMPACT OF VATINOXAN ON A MEDETOMIDINE-BASED ANAESTHESIA IN PATAGONIAN MARAS (<i>DOLICHOTIS PATAGONUM</i>)
12:22	Painer J	CHALLENGES IN WILD BOAR (<i>SUS SCROFA</i>) ANAESTHESIA. COMPARISON OF TWO ANAESTHETIC PROTOCOLS IN FOOD-PRODUCING VS. NON-FOOD PRODUCING WILD BOARS
12:36	Sainmaa S	CARDIOVASCULAR EFFECTS OF INTRAMUSCULAR VATINOXAN IN BHARALS (<i>PSEUDOIS NAYAUR</i>) IMMOBILIZED WITH MEDETOMIDINE-KETAMINE

14 th June		Friday
12:50		Lunch break
12:30 - 14:30		Registration & conference desk open
Session chairs	Painer J Grøndahl C	Zoological medicine in the field
13:50	Sonne C	PLENARY TALK: WILDLIFE TOXICOLOGY IN ARCTIC REGIONS
14:40	Adkesson M	ANAESTHESIA OF FREE-RANGING PERUVIAN FUR SEALS (<i>ARCTOCEPHALUS AUSTRALIS</i>) USING MEDETOMIDINE, MIDAZOLAM, AND BUTORPHANOL
14:54	Boardman W	ON A WING AND A PRAYER: INVESTIGATING THE VIRAL SEROPREVALENCE OF A RANGE EXPANDING SPECIES OF FLYING FOX
15:08	Lamglait B	HEALTH ASSESSMENT OF MUSKOX (<i>OVIPOS MOSCHATUS</i>) IN NUNAVIK, QUEBEC, CANADA
Session chairs	Stagegaard J Ashpole I	Research in zoo and wildlife medicine
15:22	McLelland D	CHARACTERISATION OF THE ORAL MICROBIOME IN MACROPOD PROGRESSIVE PERIODONTAL DISEASE (LUMPY JAW)-AFFECTED COMPARED WITH HEALTHY MACROPODS USING NEXT-GENERATION SEQUENCING
15:36	Thorel M	CLOUDED LEOPARD (<i>NEOFELIS NEBULOSA</i>) MORBIDITY AND MORTALITY IN CAPTIVE POPULATIONS: A COMPREHENSIVE RETROSPECTIVE STUDY OF MEDICAL DATA FROM 271 INDIVIDUALS IN EUROPEAN, ASIAN AND AUSTRALIAN ZOOS
Session chairs	Kummrow M Gamble K	Therapeutics
15:50	Desmarchelier M	PHARMACOKINETICS AND CLINICAL EFFECTS OF A SINGLE ORAL DOSE OF TRAZODONE IN DOMESTIC GOATS (<i>Capra hircus</i>) AS A MODEL FOR WILD RUMINANTS
16:04	Almagro V	CASE REPORT: STEM CELL THERAPY OF CHRONIC RENAL DISEASE IN TWO WILD FELIDS
16:14		Coffee break
16:00 – 17:00		Registration & conference desk open
Session chairs	Calvo Carrasco D Fischer D	Avian medicine and surgery
16:45	Leclerc A	THE NEVER-HEALING HEEL – A FOCUS ON THE AVIAN INTERTARSAL JOINT
16:59	Braud C	CASE REPORT: DISTAL TIBIOTARSAL FRACTURE REPAIR IN A SCARLET IBIS (<i>EUDOCIMUS RUBER</i>) USING A CIRCULAR EXTERNAL FIXATOR
17:09	Tully Jr, T	CASE REPORT: TREATMENT OF EXUBERANT GRANULATION TISSUE IN AN UMBRELLA COCKATOO (<i>CACATUA ALBA</i>) WITH STRONTIUM RADIATION
17:20 - 18:40		Round tables Abnormal behavior/ psychopathologies in primates and other zoo animals (Kummrow M, Desmarchelier M) Ethics - Euthanasia policy - different opinions in Europe (Martinez Nevado E, Bertelsen M, Schauerte N) Ethics and welfare in wildlife interventions (Arnemo J, Lopez J) Dealing with animal rights activists and media (Ternes K, Fernandez H, Hard T)
18:15 – 19:15		EAZWV working group meetings
18:40 – 19:40		Students general assembly
20:00 – 22:30		Poster and pasta party (Conference venue)
22:30		Music bar

15th June		Saturday
07:15 - 08:30		Registration & conference desk open
Session chairs	Clayton L Ternes K	Marine mammal diagnostics
08:15	Monreal-Pawlowsky T	PLENARY TALK: VETERINARY MANAGEMENT OF HIGH PROFILE MARINE MAMMAL SPECIES
09:05	Ball R	NUTRITIONAL CONCERNS OF REHABILITATED AND LONG TERM CAPTIVE FLORIDA MANATEES (<i>TRICHECHUS MANATUS LATIROSTRIS</i>) WITH REFERENCE TO HEALTHY WILD POPULATIONS.
09:19	Clayton L	PREPARING A POPULATION OF BOTTLENOSE DOLPHINS (<i>TURSIOPS TRUNCATUS</i>) TO MOVE TO A SANCTUARY SETTING
09:33	Lakemeyer J	PATHOLOGICAL FINDINGS IN NORTH SEA AND BALTIC GREY SEAL AND HARBOUR SEAL INTESTINES ASSOCIATED WITH ACANTHOCEPHALAN INFECTIONS
09:47	Walsh M	FROM BEACH TO RESCUE TO REHABILITATION TO RELEASE AND SATELLITE SURVEILLANCE OR ADOPTION AND ADAPTION TO FACILITIES: PHYSICAL AND MENTAL MEDICAL MANAGEMENT AND HUSBANDRY CONSIDERATIONS FOR STRANDED CETACEANS
10:01		Coffee break
09:45 – 10:45		Registration & conference desk open
Session chairs	Niphuis H Malmsten J	Emerging infectious diseases
10:31	Delnatte P	WILDLIFE EMERGING INFECTIOUS DISEASES: RISKS FOR A SEMI-URBAN ZOO, IMPORTANCE OF SURVEILLANCE PROGRAM, AND OPPORTUNITIES FOR RESEARCH
10:45	Himmel T	IDENTIFICATION OF AVIAN HAEMOSPORIDIAN PARASITES IN TISSUE SAMPLES BY CHROMOGENIC IN SITU HYBRIDIZATION
10:59	Knauf-Witzens T	REOCCURRENCE OF <i>ANGIOSTRONGYLUS DUJARDINI</i> IN CALLITRICHIDAE AFTER A CHANGE IN THERAPEUTIC MANAGEMENT – EPIDEMIOLOGY, DIAGNOSTIC METHODS AND A NEW PROPHYLACTIC APPROACH
11:13	Pouillevet H	CLINICAL PRESENTATION OF PROVENTRICULAR NEMATODIASIS DUE TO <i>SYNHIMANTUS NASUTA</i> IN RAINBOW LORIKEETS (<i>TRICHOGLOSSUS HAEMATODUS</i>)
11:27	Rousselet E	ANTIBODY RESPONSE TO EPSILON TOXIN OF <i>CLOSTRIDIUM PERFRINGENS</i> IN CAPTIVE ADULT SPRINGBOK (<i>ANTIDORCAS MARSUPIALIS</i>), IMPALA (<i>AEPYCEROS MELAMPUS</i>), ALPACA (<i>VICUGNA PACOS</i>) AND BENNETT'S WALLABY (<i>MACROPUS RUFOGRISEUS</i>) OVER A YEAR
11:41	Schilling AK	IDENTIFYING LEPROSY IN EURASIAN RED SQUIRRELS (<i>SCIURUS VULGARIS</i>): LESSONS LEARNED IN TWO BRITISH POPULATIONS
11:55	van Zijll Langhout M	CASE REPORT: DIAGNOSTICS AND TREATMENT OF EEHV-1B IN A 2-YEAR-OLD ASIAN ELEPHANT (<i>ELEPHAS MAXIMUS</i>) CALF AT ARTIS AMSTERDAM ROYAL ZOO
12:05		Awards and closing ceremony
12:45 – 14:00		EAZWV general assembly
14:00		Lunch packages
14:00 – 18:30		Zoo visit
18:00		Bird Show "Wings" - Group photo
19:30 - 24:00		Conference banquet (Conference venue)