

SCIENTIFIC PROGRAMME

VENUES

Workshops: Zoo Berlin

Zoo Restaurant, "Lichtensteinsalon", entrance to the Zoo via Hardenbergplatz 8, 10787 Berlin

Technische Universität Berlin (main building)
Straße des 17. Juni 135, 10623 Berlin

Leibniz Institute for Zoo and Wildlife Research (IZW)
Alfred-Kowalke-Straße 17, 10315 Berlin

Freie Universität Berlin
Institute for Virology, Robert-von-Ostertag-Straße 7-13, 14163 Berlin

Freie Universität Berlin
Veterinarium Progressum, Oertzenweg 19B, 14163 Berlin

Conference: Technische Universität Berlin (main building)
Straße des 17. Juni 135, 10623 Berlin

24 th May		Wednesday	
		Workshops: Parallel sessions	
		Locations: Four locations as given above and below	
Starting at 08:30		Registrations for workshop participants at different locations	
The following two workshops will be held at the Zoo Berlin:			
09:00 - 13:00	Basics of immobilisation - drugs, technique, practice Andreas Ochs (Zoo Berlin, Germany)		
14:00 - 17:00	Expeditionary veterinary medicine Christian Walzer (University of Veterinary Medicine, Vienna)		
The following three workshops will be held at the Technische Universität Berlin:			
09:00 - 16:00	Wildlife field techniques - the use of invertebrates to monitor mammal diversity and diseases Fabian Leendertz (Robert Koch Institute, Germany) <i>This workshop has been cancelled!</i>		
09:00 - 18:00	Advanced Anaesthesia Christine Lendl (Grünwald, Germany) Carsten Grøndahl (Copenhagen Zoo, Denmark) Room: H 2035		
10:00 - 16:00	Parasites of arthropods and cold blooded vertebrates Frank Mutschmann (Exomed/Veterinary Practice Mutschmann, Germany) Room: H 2036		
The following two workshops will be held at the Freie Universität Berlin:			
09:00 - 16:00	Handling, clinical examination and treatment techniques in injured wild birds Veterinarium Progressum Kerstin Müller (Freie Universität Berlin, Germany)		
09:00 - 15:00	Molecular diagnostics for elephant and equine herpes: a look behind the scenes Institute of Virology (small course room) Nikolaus Osterrieder (Freie Universität Berlin, Germany) Walid Azab (Freie Universität Berlin, Germany) Alex D. Greenwood (Leibniz Institute for Zoo and Wildlife Research (IZW), Germany)		

24th May	
Wednesday	
The following two workshops will be held at the Leibniz Institute for Zoo and Wildlife Research (IZW):	
09:00 - 16:30	Zoo animal pathology Karin Lemberger (Vet Diagnostics, France) Claudia Szentiks (Leibniz Institute for Zoo and Wildlife Research (IZW), Germany) Gudrun Wibbelt (IZW, Germany)
09:00 - 17:00	The use of ultrasound and computed tomography in zoo animals Thomas B. Hildebrandt (Leibniz Institute for Zoo and Wildlife Research (IZW), Germany) Frank Goeritz (IZW, Germany) Robert Hermes (IZW, Germany) Guido Fritsch (IZW, Germany) Susanne Holtze (IZW, Germany)
08:30 - 16:00	Registration Conference centre; Technische Universität Berlin; Straße des 17. Juni 135, 10623 Berlin
19:00 - 22:00	Welcome evening – Registration & Ice breaker Aquarium Berlin, Budapester Straße 32, 10787 Berlin

25th May		Thursday
07:30 - 19:00		Registration (Conference centre)
08:00 - 08:30		Opening ceremony (Steinmetz H, Greenwood AD, Hofer H, Naumann R, Knieriem A)
Session chairs	Kik M Mühldorfer K Guevara L Greenwood A Hammer Jensen T Bos J	Pathology and Infectious diseases
08:30	van den Brand JMA	Plenary talk: The role of (wild) animals in emerging viral zoonoses (p. 2)
09:30	Shilton CM	The pathology of invasive colonic entamoebiasis, an emerging disease of cane toads in Australia (p. 3)
09:45	Dervas E	A novel nidovirus in green tree pythons (<i>Morelia viridis</i>) as the causative agent of mucoid pneumonia (p. 4)
10:00	van Bolhuis H	Management of a tularaemia outbreak in red tailed guenons (<i>Cercopithecus ascanius</i>) (p. 5)
10:15	Quintard B	<i>Yersinia spp.</i> infection in zoo animals: a retrospective study over seven years in Mulhouse Zoo (p. 6)
10:30		Coffee break
11:00	Kunze M	Putative risk and protective factors associated with <i>Toxoplasma gondii</i> infection in captive felids (p. 7)
11:15	Giorgiadis M	Haemosporidian parasites in strigiformes: results of an epidemiological survey in 15 French zoos (p. 8)
11:30	Soilemetzidou SE	Using behavioural enrichment toys to non-invasively monitor pathogen shedding in zebras (<i>Equus zebra</i> , <i>Equus quagga</i> , <i>Equus grevyi</i>) (p. 9)
11:45	Pereira N	Antimicrobial bacterial resistance in public aquaria. Should we be concerned? Preliminary report concerning six years of bacterial cultures and resistance to antimicrobials in fish, sea birds, and amphibians (p. 10)
Session chairs	Lopez J Laricchiuta P	Herpetology
12:00	Hetzel U	Vertical Transmission of arenaviruses in BIBD diseased boid snakes (p. 11)
12:15	Thompson SB	Limiting transmitter associated morbidity and mortality in snakes (p.12)
12:30		EAZWW working group/partner reports (main lecture hall – everyone welcome)
13:00		Lunch & working group meetings
Session chairs	Walzer C Abreu S Möller T Larsen RS Czirják GÁ Grützmacher K	Conservation and Wildlife I
14:00	Walzer C	Plenary talk: Take a walk on the wild side – How can zoo-based veterinarians “help” wildlife? (p. 15)
15:00	Jayson SL	Veterinary input into the Zoological Society of London (ZSL) amphibian conservation programmes (p. 18)
15:15	Kvapil P	Why do animals in the zoo die? (p. 19)
15:30	Moriceau M-A	How can an animal poison call centre be involved in vultures conservation? (p. 20)
15:45	Hvilsom C	Bank on it! The EAZA biobank (p. 23)
16:00		Coffee break & poster session

25 th May		Thursday
16:30	Masters NJ	A multi-disciplinary approach to the conservation of gyps vultures in South Asia – a role for veterinary professionals (p. 24)
16:45	Keller DL	Periodontal disease in the lesser bushbaby (<i>Galago moholi</i>) (p. 32)
17:00	Niphuis H	Screening Peruvian black spider monkeys (<i>Ateles chamek</i>) as part of a reintroduction program into the Tambopato National Reserve in Peru (p. 33)
17:15	Hokan M	Sleeping in tree holes may promote parasitism in wild lemurs (p. 34)
17:30	Czirják GÁ	You are where you eat: high <i>Brucella</i> seroprevalence in coastal but not inland arctic foxes (p. 35)
17:45	Webster RKE	<i>Paranannizziopsis australasiensis</i> in tuatara (p. 36)
18:00	Students general assembly & EAZA veterinary committee & JZWM associate editors meeting (concurrent)	
19:00	Working group meetings (specific information will be announced at the conference)	
20:00 - 23:00	Festive evening Italian Restaurant "Osteria Maria", Leydenallee 79, 12167 Berlin-Steglitz	

26 th May		Friday
08:00 - 19:00		Registration (Conference centre)
Session chairs	Adkesson M Casares M Kasberg J	Diagnostics
08:30	Collins D	Computerised tomography guided endoscopic sinus surgery in an adult western lowland gorilla (<i>Gorilla gorilla gorilla</i>) (p. 37)
08:45	Liptovszky M	An update on cardiac disease of great apes – achievements and future directions of the ape heart project (p. 38)
09:00	Ruetten M	Gene analysis of hepcidin and blood levels in three different lemur species (p. 41)
09:15	Lueders I	A full mouth speculum for elephants facilitating bronchoscopy, gastric tubing, and dental health evaluation (p. 42)
09:30	van Zijll Langhout M	Evaluation of metabolic bone disease in wild and captive common spadefoot toads (<i>Pelobates fuscus</i>) by computed tomography, as part of a captive rearing programme (p. 43)
09:45	Holtze S	Ultrasound assessment of wild olms (<i>Proteus anguinus anguinus</i>) in Croatia (p. 44)
10:00	Adkesson MJ	Evaluation of a pressure-sensitive walkway system for gait characterisation in Humboldt penguins (<i>Spheniscus humboldti</i>) (p.45)
Session chairs	Hermes R Avni-Magen N Koroknai V	Reproduction
10:15	Martínez-Nevedo E	Successful semen cryopreservation in black-footed penguin (<i>Spheniscus demersus</i>) and gentoo penguin (<i>Pygoscelis papua</i>) (p. 47)
10:30		Coffee break
11:00	Kasberg J	Yield of semen samples collected by urethral catheter compared to electroejaculation in African lion (<i>Panthera leo</i>) (p. 48)
11:15	Ververs C	Reproductive performance parameters in a population of 1,000+ game-ranched white rhinoceroses (<i>Ceratotherium simum simum</i>) (p. 49)
11:30	Hermes R	Birth management in white rhinoceros (<i>Ceratotherium simum simum</i>) (p. 50)
11:45	Fiuza R	The Sabah rhino breeding programme: Reproductive pathology of wild-caught Sumatran rhinoceroses and its implications in conservation (p. 51)
12:00	Schwarzenberger F	Contraception in giraffes using the GnRH vaccine Improvac® (p. 52)
12:15	Crespo-Picazo JL	Use of assisted reproductive techniques in fish species facing extinction: the European eel (<i>Anguilla anguilla</i>) case (p. 53)

26th May		Friday
12:30		EAZWW section reports (main lecture hall – everyone welcome)
13:00		Lunch & working group meetings
		Legislation
14:00	Nuijten D, de Man D	Plenary talk: Developments in the EU's animal health legislation and EAZA's new population management structure (p. 54)
Session chairs	Hoby S Bouts T	Welfare
15:00	Schiffmann C	When elephants fall asleep – case studies and practical solutions for geriatric animals (p. 57)
15:15	Hatt JM	The welfare assessment questionnaire at Zurich Zoo - a tool to monitor quality of life in geriatric or chronically ill animals (p. 58)
15:30	Tahas S	Where does the money go? A decennial retrospective analysis of drug expenditure at Zurich Zoo (p. 59)
15:45	Mulot B	A suspected case of psychosocial short stature in a female gorilla (<i>Gorilla gorilla gorilla</i>): when ape psychological disorders meet human's (p. 60)
16:00		Coffee break & poster session
Session chairs	Larsen RS Czirják GÁ Grützmacher K Tuttle A Martínez Nevado E Popscue I	Wildlife II and Aquatics
16:30	Grilo M	Virulence traits, antibiotic resistance and clonality of enterococci isolated from lions (<i>Panthera leo</i>) of the Niassa National Reserve, Mozambique (p. 61)
16:45	Roller M	Post-mortem examination of free-ranging European brown hares (<i>Lepus europaeus</i>) from Schleswig-Holstein, Germany (p. 62)
17:00	Reckendorf A	Post-mortem findings of 12 sperm whales (<i>Physeter macrocephalus</i>) stranded on the coast of Schleswig-Holstein, Germany, in early 2016 (p. 63)
17:15	Cole GC	Hexabothrid monogenean parasites in a group of short-tail stingrays (<i>Dasyatis brevicaudata</i>) and successful use of a blood transfusion to treat anaemia (p. 64)
17:30 - 18:30		Roundtable discussions (4 parallel sessions)
Chair:	Lécu A	Tuberculosis: TB or not TB
Chair:	Lawrenz A Sanderson S	The role of veterinary advisors
		Two further topics that arise at the meeting by popular demand
18:30		Working group meetings (specific information will be announced at the conference)
19:00 - 20:00		Student-mentor-mixer (Conference venue)
20:30 - 23:30		Students night out (Time and place will be announced at the Students General Assembly on Thursday)

27 th May		Saturday
08:00 - 12:00		Registration (Conference centre)
Session chairs	Voracek T Lobo Fernandes T Kvapil P	Surgery and anaesthesia
08:30	Bernardino RI	Plenary talk: Surgical challenges: a fifteen years' experience (p. 65)
09:30	Duby D	Surgical management and identification of 3 different new tumors in captive eastern quolls (<i>Dasyurus viverrinus</i>) (p. 66)
09:45	Le Net R	Effect of midazolam hydrochloride administration via intranasal route on survival in surf scoters (<i>Melanitta perspicillata</i>) captured for implantation of intracoelomic transmitter (p. 67)
10:00	Fernández-Bellon H	Propofol-sevoflurane anaesthesia in juvenile <i>Varanus komodoensis</i> (p. 68)
10:15	Barbon AR	Sevoflurane anaesthesia in livingstone's fruit bats (<i>Pteropus livingstonii</i>) (p. 69)
10:30		Coffee break
11:00	Sá Braz Barros D	Effective thiafentamil immobilisation and physiological responses of free ranging moose (<i>Alces alces</i>) in Northern Sweden (p. 70)
Session chairs	Vercammen F Perrin K Chenet B	Nutrition
11:15	Strike T	Long-term management of type 2 diabetes mellitus in callitrichids with oral anti-hyperglycaemic medication and dietary modification (p. 71)
11:30	Bertelsen MF	Stable isotope signatures of puffins (<i>Fratercula arctica</i>) and common murrelets (<i>Uria aalge</i>) on known diets – a verification study (p. 72)
11:45	Drake GJ	Help! My bear is going bald! Recent advances in the treatment of Andean bear (<i>Tremarctos ornatus</i>) alopecia syndrome (p. 73)
12:00	Closing ceremony, poster award, student award, Rudolf Ippen Young Scientist Award	
13:00		Lunch
14:00		EAZWV General Assembly
15:30		Visit Zoo Berlin and Tierpark Berlin
19:00 - 24:00		Zoo evening, conference banquet at the Tierpark Restaurant "Patagona", Am Tierpark 125, 10319 Berlin

28 th May		Sunday
09:30 - 13:30	Option 1	Excursion: "Berlin by Boat" Duration: 4 hours Departure: Cornelius Bridge, Corneliusstraße 11, 10787 Berlin
07:30 - 19:30	Option 2	Excursion: Lower Oder Valley National Park Duration: full day (07:30 - 19:30) Departure: Technische Universität Berlin (conference centre)

POSTERS

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