

FRIDAY STREAM 1 – ZOO

Conference Room One

Time	FRIDAY STREAM 1 – ZOO HEALTH	Abstract
08:00	REGISTRATION	
09:00	Welcome by the BVZS President	
	Session 1	ZOO HEALTH (Chair: Nathalie Wissink-Argilaga)
09:15	Richard Griffiths	Plenary Talk Challenges and opportunities in wildlife trade research: Welfare, conservation and sustainable use 1
10:00	Charlotte Bentley	Reviewing antimicrobial usage and resistance within a UK zoological collection 2
10:15	Andrew Rich & Elliott Simpson Brown	Oral squamous cell carcinoma in a pygmy Hippopotamus (<i>Choeropsis liberiensis</i>): A collaborative clinical and pathology approach to treatment 3
10:30	MORNING BREAK	
	Session 2	ZOO HEALTH (Chair: Elliott Simpson-Brown)
11:00	Sarah Chapman & Phillipa Dobbs	Masterclass A proactive approach to ensuring the welfare of ageing zoo animals 4
11:30	Ian Sayers	Novel use of VetKISS Micro Plating System in a Red-bellied Lemur (<i>Eulemur rubriventer</i>) 5
11:45	Kyle McCreesh	A systematic review of retrospective morbidity and mortality studies on captive wildlife species 6
12:00	Michelle O'Brien	Health considerations for catching and transport of aged flamingo flocks 7
12:15	Nathalie Wissink-Argilaga	Surgical treatment of bilateral locking patella in a Rothschild's Giraffe 8
12:30	LUNCH	
	Session 3	ZOO HEALTH (Chair: Karen Archer)
14:00	Gianluca Deli	Large hairy armadillo (<i>Chaetophractus villosus</i>): From implant to surgery. 9
14:15	Matthew Shackleton	Masterclass For enricher or poorer? Do we clinically reason our enrichment? 10
14:45	Alberto Rodriguez Barbon	Hepatic iron quantification using pinch liver biopsies in Asian Glossy Starlings (<i>Aplonis panayensis</i>) 11
15:00	Phillipa Dobbs	Diagnosis and treatment of <i>Angiostrongylus vasorum</i> in captive Bushdogs (<i>Speothos venaticus</i>) kept in a UK zoological collection 12
15:15	AFTERNOON BREAK	
	Session 4	ZOO HEALTH (Chair: Sarah Chapman)
16:15	Shivananden Sawmy	Determination of symmetric dimethylarginine, creatinine and blood urea nitrogen reference intervals in captive African Wild Dogs (<i>Lycaon pictus</i>) from two British zoos 13
16:30	Vigotha Tharmarajah	Maternal factors influencing cub survival and litter size in Sumatran Tigers (<i>Panthera tigris sumatrae</i>) in European zoos 14
16:45	Taina Strike	25 years of reproductive management using gonadotropin-releasing hormone (GNRH) vaccines in global zoo animals. 15
17:00	Matyas Liptovszky	Roundtable Vitamin D status in Great Apes in human care: What should we measure and how to interpret it? 16
17:30	Concluding remarks	
17:30-18:30	ICEBREAKER AND STUDENT-MENTOR MIXER	



FRIDAY STREAM 2 – NURSING

Syndicate Rooms 144/145

Time	FRIDAY Stream 2: ZOO, WILDLIFE AND EXOTIC PET NURSING		Abstract
08:00		REGISTRATION	
09:00		Welcome by the BVZS Council Nurse Representatives	
	Session 5	NURSING (Chair: Sonya Miles)	
09:15	Richard Griffiths	Plenary Talk Challenges and opportunities in wildlife trade research: Welfare, conservation and sustainable use	1
10:00	Lauren Valentine	Roundtable High level skills for low level wages	17
10:30		MORNING BREAK	
	Session 6	NURSING (Chair: Abigail Edis)	
11:00	Anna Mercer	Masterclass How to introduce nurse-led ferret clinics	18
11:30	Sonya Miles	Masterclass The basics of fish medicine and surgery	19
12:00	Rebecca Davis	Masterclass Admiral Nelson's eye: An unusual case of conjunctivitis and an exploration of potential environmental causes	20
12:30		LUNCH	
	Session 7	NURSING (Chair: Darren Docherty)	
13:55	F10: Neil Forbes	Sponsor talk: Uniqueness of F10	
14:00	Tawny Kershaw	Masterclass Anaesthesia challenges in exotic animal nursing	21
14:30	Ethan Wrigglesworth	A dead science: a day in the life of a pathology team	22
14:45	Amelia Hubbard	Masterclass Nursing the chelonian patient	23
15:15		AFTERNOON BREAK	
	Session 8	NURSING (Chair: Lizzie Bailey)	
16:00	Jo Megarity	Roundtable Applying contextual care to rabbit cases	24
16:30	Molly Rogerson	Roundtable Emergency and critical care of exotic pets: how vets and nurses can work together for a positive patient	25
17:15	Georgina Constable-Dakeyne	The good, the bad and the damn right resistant; addressing faecal parasitology	26
17:30		Concluding remarks	
17:30-18:30		ICEBREAKER AND STUDENT-MENTOR MIXER Conference Aston	



SATURDAY STREAM 1 – WILDLIFE

Conference Room One

Time	SATURDAY Stream 1: WILDLIFE HEALTH		Abstract
08:15		Registration	
09:00		Welcome by BVZS President	
	Session 9	WILDLIFE HEALTH (Chair: Sonya Miles)	
09:30	Justine Shotton	Plenary Talk Supporting and upskilling the vet professions and rehab sectors to optimise wildlife welfare	27
10:00	Emily Mayman	An introduction to the BDMLR	28
10:30	MORNING BREAK & POSTER SESSION (Ground Floor Restaurant)		
	Session 10	WILDLIFE HEALTH (Chair: Sonya Miles)	
11:00	Bev Panto	Roundtable The changing landscape of wildlife euthanasia	29
11:45	Sara Shopland	Euthanasia of waterfowl using oral pentobarbitone	30
12:00		BVZS AGM	
13:00	LUNCH		
	Session 11	WILDLIFE HEALTH (Chair: Bev Panto)	
14:00	Kate Hughes	Masterclass Morbidity and mortality in European Brown Hares in the United Kingdom.	31
14:30	Kate Hughes	Leporid Cestode infections in the United Kingdom	32
14:45	Georgina Hopkins	A retrospective study of hospitalisation duration of European Hedgehogs (<i>Erinaceus europaeus</i>) to wildlife centres in the UK over a 10-year period (2010-2020)	33
15:00	Elis Ward	A pre-release health screening for the reintroduction of the critically endangered desertas land snail (<i>Discula lyelliana</i>) to Bugio Island, Madeira archipelago	34
15:15	Rebecca Amos	Gram-negative bacterial sepsis diagnosis and treatment in medicinal leeches (<i>Hirudo medicinalis</i>)	35
15:30	AFTERNOON BREAK		
	Session 12	WILDLIFE HEALTH (Chair: Mark Naguib)	
16:00	Charlotte Brookes	Roundtable The constraints of analysing illegal wildlife trade data: examining trade data in South Africa to determine how improved seizure recording can assist conservation prioritisation	36
16:15	Tom Bailey	Masterclass But What Can I Do? Establishing a Community Nature Recovery Group and using Citizen Science to engage a community in the biodiversity crisis affecting West Wales	37
17:00		Concluding remarks	
19:00	DINNER, QUIZ & SILENT DISCO Conference Aston Ground Floor Private Dining Area		



SATURDAY STREAM 2 – EXOTIC PETS & ZOO

Syndicate Rooms 144/145

Time	SATURDAY Stream 2: EXOTIC PETS AND ZOO HEALTH		Abstract
08:15		Registration	
09:00		Welcome by BVZS President	
	Session 13	ZOO HEALTH (Chair: Andy Rich) Sponsored by IZVG	
09:15	Richard Griffiths	Plenary Talk Searching for gold: in-situ and ex-situ research for the conservation of mantella frogs in Madagascar	38
09:45	Esha Patel	Epidemiology of <i>Yersinia spp</i> infection in a large UK zoo	39
10:00	Phillipa Dobbs	Zoo animal transfers post Brexit – tips, tricks and case examples to help zoo vets	40
10:15	Bob Lawrence	Think before you pull the trigger, what could possibly go wrong?	41
10:30	MORNING BREAK & POSTER SESSION (Ground Floor Restaurant)		
	Session 14	ZOO HEALTH (Chair: Phillipa Dobbs)	
11:00	Alexander Norman	Comparing the safety of ketamine-medetomidine and tiletamine-zolazepam-medetomidine for chemical restraint of captive <i>Panthera spp.</i>	42
11:15	Ethan Wrigglesworth	Shiny data: Using web applications to better understand	43
11:30	Naomi Johns	Masterclass Providing clinical assessment and treatment for raptors managed restraint free in modern zoo practice	44
12:00	BVZS AGM	BVZS AGM Conference Room One	
13:00	LUNCH		
	Session 15	EXOTIC PETS (NTCA) Chair: Molly Varga) Sponsored by VetArk	
13:55	VetArk: Alfie Philips	Sponsor talk: If it ain't broke, don't fix it	
14:00	Charly Pignon	Plenary Talk Ear surgeries in rabbits	45
14:45	Tom Roe	Masterclass Lighting and Heating for Captive Reptiles: Recent Advances and Current Best Practice	46
15:15	Martin Whitehead	An internet survey of UK pet-reptile owners	47
15:30	AFTERNOON BREAK		
	Session 16	EXOTIC PETS (Chair: Agata Witkowska)	
16:00	Josh Henley	A survey of disorders and associated risk factors in captive Leopard Geckos (<i>Eublepharis macularius</i>) In the United Kingdom: A retrospective study.	48
16.15	Taiana Costa-Kirkham	Xanthogranulomatosis in captive geckos	49
16:30	Krissy Green	Masterclass Reptile mental health: an emerging welfare concern?	50
17:00	Concluding remarks		
19:00	DINNER, QUIZ & SILENT DISCO Conference Aston Ground Floor Private Dining Area		



SUNDAY STREAM 1 – EXOTIC PETS

Conference Room One

Time	SUNDAY Stream 1: EXOTIC PET (NTCA) HEALTH		Abstract
08:15		Registration	
09:00		Welcome by BVZS President	
Session 17		EXOTIC PETS (NTCAs) (Chair: Molly Varga)	
09:15	Agata Witkowska	First reported cases of uterine intussusceptions in three rodent species: rat (<i>Rattus norvegicus domestica</i>), guinea pig (<i>Cavia porcellus</i>) and chinchilla (<i>Chinchilla lanigera</i>)	51
09:30	Eunice Barker	Case presentation of treatment protocols for gut stasis in rabbits and owner perspectives according to survey data	52
09:45	Michaela Betts	Conformational predispositions to ear abnormalities in a pedigree rabbit population	53
10:00	Athin Athinodorou	Masterclass Approaching thymomas in domestic rabbits: from diagnosis to management	54
10:30	MORNING BREAK		
Session 18		EXOTIC PETS (NTCAs) (Chair: Agata Witkowska) Sponsored by Adaptix	
10:55	Adaptix: Mark Thomas	Sponsor Talk: Exotic Imaging – A New Era	
11:00	Tom Bunn	Retrospective analysis of avian, reptile, amphibian, fish and invertebrate cases presenting to an out-of-hours service over a twelve-year period	55
11:15	Fiona Froehlich	Roundtable Experiences with compulsory registration and course attendance for new owners of avian, reptile and amphibian pet species in Vienna, Austria	56
11:45	Vicki Temple	Roundtable Analgesia for routine neutering of the pet rabbit (<i>Oryctolagus cuniculus</i>)	57
12:15	Ian Sayers	Ferret Adrenal Disease - Not Again!! A 10-year retrospective study to assess incidence in the UK	58
12:30	Gianluca Deli	BVZS Guidance on Reproductive Control Strategies in Domestic Ferrets (<i>Mustela putorius furo</i>): Addressing Hyperoestrogenism, Adrenal disease, and Ethical Considerations	59
13:00	LUNCH		
Session 21		JOINT SESSION (Chair: Elliott Simpson-Brown)	
13:45	Agata Witkowska	BVZS Journal Club: this years' best scientific paper	67
14:30	IZVG	The IZVG Pathology Quiz	68
15:15	PRIZE GIVING AND FAREWELL		



SUNDAY STREAM 2 – STUDENT & NEW GRAD

Syndicate Rooms 144/145

Time	SUNDAY Stream 2: STUDENT/NEW GRADUATE <i>Syndicate Rooms 144/145</i>		Abstract number
08:15		Registration	
09:00		Welcome by the BVZS Student/New Graduate Representative	
Session 19		STUDENT/NEW GRADUATE (Chair: Gianluca Deli)	
09:15	Mike Fielding	Zebra Foundation Discussion	60
09:30	Helen Inzani	Masterclass Blood sampling and haematobiochemistry interpretation in common avian and reptile species	61
10:00	Michaela Betts	Masterclass Blood sampling and haematobiochemistry interpretation in small mammals	62
10:30 MORNING BREAK			
Session 20		STUDENT/NEW GRADUATE (Chair: Gianluca Deli)	
11:00	Gianluca Deli	Masterclass Superpowers on the side of the vets: “x-ray view”	63
11:30	Amelia Hubbard	Masterclass Performing a rabbit consultation	64
12:00	Nicole Mann	Masterclass Nutritional Management and Disease in Psittacines	65
12:30	AmyVictoria Bode	Roundtable Exotics EMS – harder to get than tickets to Taylor Swift? A discussion of student and EMS provider experiences	66
13:00 LUNCH			
Session 21		JOINT SESSION (Chair: Elliott Simpson-Brown) <i>Conference Room One</i>	
13:45	Agata Witkowska	BVZS Journal Club: this years’ best scientific paper	67
14:30	IZVG	The IZVG Pathology Quiz	68
15:15 PRIZE GIVING AND FAREWELL			



ALL DAYS POSTERS

Ground Floor Restaurant

Posters will be available for viewing in the Restaurant on the Ground Floor of Conference Aston throughout the conference. There will be the opportunity to meet the authors during the morning break on Saturday between 1030 and 1100 in the Ground Floor Restaurant.

Author(s)	Title	Abstract
Aaron Dharni	Evaluating UK leopard gecko owner husbandry practices; assessing their associations with signs of ill health.	69
Kerstin Erles	Cutaneous sarcomas in pet degus (<i>Octodon degus</i>)	70
Ava J. Jenkins	Darwin Tree of Life: collecting blood and tissue samples from wild birds for whole genome sequencing	71
Filipe Martinho	Prevalence of neoplasia on a pet population of inland bearded dragons (<i>Pogona vitticeps</i>)	72
Georgia McMullen	Vertebral heart scores (VHS) in small exotic mammals	73
Alberto Petranzan	Testicular and pulmonary metastases from a primary cutaneous squamous cell carcinoma in a harris' hawk (<i>Parabuteo unicinctus</i>)	74
Mariana Santos	Case report of a northern gannet (<i>Morus bassanus</i>) with ocular alterations: clinical examination and histopathology	75
Zacharias (Aris) Vougioukalos	Diagnosis and management of leukaemia on a bearded dragon (<i>Pogona vitticeps</i>)	76
Harriet Woodhall	Dilated cardiomyopathy, pericardial and bicavitary effusions in a pet rabbit presenting with bilateral exophthalmos	77
Ethan Wrigglesworth	Alcapa: a rare post-mortem finding in the heart of a sika deer (<i>Cervus nippon</i>)	78
Sonya Miles	Post graduate qualifications relevant to exotic animal, zoo and wildlife vets	79

