

BVZS AUTUMN MEETING PROGRAMME

Time	FRIDAY: ZOO HEALTH		PAGES
08:00		Registration	
09:00		Welcome by the BVZS President Fieke Molenaar	
	Session 1	UV IN ZOO ANIMALS (Chair: Fieke Molenaar)	
09:15	Frances Baines	True full spectrum lighting for zoo enclosures	20
10:15	Rowena Killick	UV provision for zoo mammals	21
10:30		TEA / COFFEE BREAK	
	Session 2	EXPORTS: SPONSORED BY LAFEBER (Chair: Nathalie Wissink-Argilaga)	
11:15	Michelle O'Brien	Managing avian exports from the UK	22
11:45	Zak Showell	Making sense of export paperwork. Nothing disappears without a TRACES	23
12:15	Philippa Dobbs	Moving the elephants two-by-two: pre-export testing and transfer training	24
12:30		LUNCH	
	Session 3	TB SESSION: SPONSORED BY WILDPHARM (Chair: Liz Mullineaux)	
14:00	Freya Smith	Rarely black and white: The challenge of TB diagnosis in wildlife	25
14:30	Ben Swift	Rapid detection of TB in wildlife and exotic animals using actiphage	26
15:00	Fieke Molenaar	Decision making for species conservation: antemortem TB diagnostics in endangered Asiatic lions	27
		Concluding remarks from our sponsor	
15:15		TEA / COFFEE BREAK	
	Session 4	MISCELLANEOUS: SPONSORED BY BREATHEAZY (Chair: Michelle O'Brien)	
16:00	Mark Stidworthy	Pathological findings in non-cephalopod invertebrates submitted from Merlin Entertainments Aquaria (2003-2017)	28
16:15	Jen Quayle	Monitoring rumen pH in common eland	29
16:30	Richard Saunders	How to P-P-Pick up a lame penguin	30
16:45	Justine Shotton	Pituitary pars intermedia dysfunction (Equine Cushings disease) in non-domestic equids: a case series	31
17:00	Sophie Moittie	A bone of contention: Os cordis or pathological feature in the chimpanzee heart	32
17:15	Icebreaker	At Conference Aston	
18:30			
Time	FRIDAY: ZOO, WILDLIFE AND EXOTIC PET NURSING		PAGES
08:00		Registration	
09:00		Welcome by the BVZS Nurse Representative Donna Brown	

	Session 5	EXOTICS NURSING: SPONSORED BY DECHRA (Chair: Donna Brown)	
09:15	Jo Hinde	Keeping rabbits cool	33
09:34	Beth Singer	Conscious CT in exotic and wildlife species	34
09:53	Wendy Irvine	Emergency response of a collapsed greater flamingo	35
10:12	Wendy Irvine	Hypercholesterolaemia: the issues of high cholesterol in slender tailed meerkats	36
10:30		TEA / COFFEE BREAK	
	Session 6	REPTILES AND FISH: SPONSORED BY MEADOWS ANIMAL HEALTHCARE (Chair: Donna Brown)	
11:15	David Stokes	Basic nursing skills in reptiles and amphibians	37
11:34	David Stokes	An introduction to diagnostics in reptiles	38
12:53	Amelia Hubbard	Nursing Red-eared sliders with renal disease	39
12:12	Teresa Horspool	Hoeven's carp general anaesthetic and enucleation procedure	40
		Concluding remarks from our sponsor	
12:30		LUNCH	
	Session 7	UV AND BIOSECURITY (Chair: Donna Brown)	
14:00	Frances Baines	Do all our animals really need UV?	41
14:55	Lauren Valentine	Zoo biosecurity, why, when and how	42
15:15		TEA / COFFEE BREAK	
	Session 8	INTERNATIONAL AND SOCIAL MEDIA (Chair: Donna Brown)	
16:00	Romain Pizzi	Veterinary Nursing in International conservation projects	43
16:38	Amelia Hubbard	The difficulties of euthanasia in Hong Kong	44
16:56	Jo Hinde	Social media savvy: don't fall foul of the Code	45
17:15	Icebreaker	At Conference Aston	
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18:30			

Time	SATURDAY: ZOO HEALTH AND EXOTIC PET		PAGES
08:15		Registration	
	Session 9	ANAESTHESIA AND MEDICINE IN ZOO ANIMALS (Chair: Sarah Jayne Edwards)	
09:15	Jo Dodds	The use of butorphanol-azaperone-medetomidine (BAM) in captive antelope and deer	46
09:30	Matyas Liptovsky	Hand injection can improve anaesthesia in non-human apes	47
09:45	Phillipa Dobbs	Prep and planning – the key to success of moving 14 chimps into a new habitat	48
10:15	Nathalie Wissink-Argilaga	Haematology guided successful treatment of EEHV in an Asian elephant calf	49
10:30		TEA / COFFEE BREAK	

	Session 10	MISCELLANEOUS (Chair: Peter Kettlewell)	
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11:00	Christa van Wessem	Hemimandibulectomy in pygmy slow loris	50
11:15	Martin Whitehead	Periodontal disease, calculus, tooth fractures and periapical disease in wild, zoo, feral and domesticated carnivores	51
11:45	Ghislaine Sayers	Help! We're under TB restrictions: what now?	52
12:00	BVZS AGM		
12:45		LUNCH	
	Session 11	EXOTIC PET WELFARE: SPONSORED BY BAYER (Chair: Michael Stanford)	
14:00	Frances Baines	True full spectrum lighting for exotic pets	53
15:00	Craig Hunt	Treatment of a compound tarsometatarsal fracture in an 18 year old female Harris Hawk (<i>Parabuteo unicinctus</i>)	54
15:15		TEA / COFFEE BREAK	
	Session 12	CURRENT TOPICS (Chair: Sergio Silveti)	
16:00	Martin Whitehead	UK Veterinary Surgeons' assessment of owners' basic husbandry for pet reptiles as reported in consults	55
16:30	Michael Stanford	An update on the Animal Activities Licensing (AAL) Regulations 2018	56
16:45 – 17:15	Jo Hedley & Nathalie Wissink-Argilaga	Antibiotic usage in reptiles	58
19:00		THREE COURSE SIT-DOWN DINNER AT CONFERENCE ASTON	
21:00		SILENT DISCO / BAR / QUIZ	

Time	SATURDAY: WILDLIFE HEALTH		PAGES
08:15		Registration	
09:00		Welcome by the BVZS President Fieke Molenaar	
	Session 13	ECOSYSTEM HEALTH (Chair: Liz Mullineaux)	
09:15	Ruth Cromie	What skills are needed for addressing threats to ecosystem health? The lead poisoning case study	59
10:00	Lisa Yon	The impact of trace metal contaminants on environmental and animal health: a multidisciplinary approach – pilot project	61
10:15	Miceala Shocklee	<i>Lutra lutra</i> road traffic accident mortality, post-mortem artefact or rising anthropogenic threat?	62
10:30		TEA / COFFEE BREAK	
	Session 14	ECOSYSTEM HEALTH (Chair: Katie Beckmann)	
11:00	Paul Jepson	Killer whale killers: investigating anthropogenic threats to marine mammal health and conservation status	63
11:45		Wrap up discussion of the morning sessions	
12:00	BVZS AGM		

12:45		LUNCH	
	Session 15	SURVEILLANCE & CONSERVATION: SPONSORED BY IZVG (Chair: Michelle O'Brien)	
14:00	Becki Lawson	Garden wildlife health - an update for 2017/2018	64
14:15	Anna Schilling	Squirrel leprosy, an update on field observations and diagnostic tests	65
14:30	Sara Shopland	Health screen of the EEP Pink Pigeon (<i>Nesoenas mayeri</i>) population for transfer to Mauritius	67
14:45	Angelika von Heimendahl	Reintroduction after anthropogenic extinction: ecosystem health implications for the Eurasian lynx in the UK	68
15:00	Andrew Routh	Contributing veterinary expertise to wildlife conservation projects and research - more than being "hands on"	70
		Concluding remarks from our sponsor	
15:15		TEA / COFFEE BREAK	
	Session 16	REHABILITATION: SPONSORED BY VETARK (Chair: Stuart Patterson)	
16:00	Liz Mullineaux	Protocol for the rehabilitation and release of badgers (<i>Meles meles</i>) in England with consideration of <i>Mycobacterium bovis</i> infection	71
16:15	Romain Pizzi	Rehabilitation of wild eagles in Scotland	73
16:30	Ashley Clayton	Comparison of end tidal carbon dioxide (EtCO ₂) and peripheral capillary oxygen saturation (SpO ₂) in ventilated and non-ventilated black kites (<i>Milvus migrans govinda</i>) under isoflurane anaesthesia	74
16:45		Wrap up discussion of the afternoon sessions	
17:00 – 17:15	Katie Beckmann	Developing the Wildlife Health Network	
		Concluding remarks from our sponsor	
19:00		THREE-COURSE SIT-DOWN DINNER AT CONFERENCE ASTON	
21:00		SILENT DISCO / BAR	

Time	SUNDAY: EXOTIC PET HEALTH		PAGES
	Session 17	SURGERY: SPONSORED BY VBS DIRECT (Chair Livia Benato)	
09:15	Martin Whitehead	Oviduct intussusception in a spur-thigh tortoise (<i>Testudo graeca</i>) and a bearded dragon (<i>Pogona vitticeps</i>)	75
09:30	Mark Rowland	Surgical treatment of a temporal aneurysm in a bearded dragon (<i>Pogona vitticeps</i>)	76
09:45	Mark Rowland	Yolk sac tumour in a ferret (<i>Mustela putorius furo</i>)	77

10:00	Sergio Silvetti	Sugar glider (<i>Petaurus breviceps</i>) hepatic carcinoma	78
10:15	Mark Naguib	Pneumonectomy in an Anderson's salamander (<i>Ambystoma andersoni</i>)	79
		Concluding remarks from our sponsor	
	Session 18	PARALLEL STREAM: STUDENT CAREERS SESSION (Chair: Sarah Pellett & Caroline Blake)	
09:15	Bev Panto	Zoo, Exotics and Wildlife Careers...the long and winding road	80
09:30	Sarah Pellett	Building an exotics case-load in practice	81
09:45	Marie Kubiak	The RCVS Certificate of Advanced Veterinary Practice (Zoo Medicine)	82
10:00	Sara Shopland	The European diploma system	83
10:15	Liz Mullineaux	Getting into wildlife practice, can it really be so hard?	84
10:30		TEA / COFFEE BREAK	
	Session 19	RABBITS: SPONSORED BY NATURES FEAST (Chair: Nathalie Wissink-Argilaga)	
11:15	Matt Fiddes	Extended long-term antibiotic usage as palliative treatment for rabbit dental abscesses	85
11:30	Sergio Silvetti	Urinary bladder retroflexion and perineal hernia in a female rabbit (<i>Oryctolagus cuniculi</i>)	86
11:45	Bronwyn Koterwas	A novel technique for the medical management of otitis externa in lop-eared rabbits	87
12:00	Agata Witkowska	First reported cases of immune-mediated haemolytic anaemia in four UK pet rabbits (<i>Oryctolagus cuniculus</i>)	88
12:15	Livia Benato	A review on pain and analgesia in pet rabbits	90
		Concluding remarks from our sponsor	
	Session 20	PARALLEL STREAM: STUDENT / NEW GRADUATE BACK TO BASICS: SPONSORED BY PALS (Chair: Sarah Chapman & Sarah Pellett)	
11:15	Sarah Pellett & Caroline Blake	Back to basics – the reptile consultation	91
11:45	Sarah Chapman	Infectious disease control in zoos	92
12:30		LUNCH	
	Session 21	MISCELLANEOUS: SPONSORED BY GARDEN FEATHERS (Chair: Mark Stidworthy)	
14:00	Daniella Denk	Fatal cardiac listeriosis in three inland bearded dragons (<i>Pogona vitticeps</i>)	93
14:15	Benjamin Kennedy	Invertebrate case series – mantid, scorpion and theraphosid cases	94
14:30	Sara Jones	Corrective osteotomy in a 7-week-old palm nut vulture	95

	Session 22	CLOSING (Chair: Fieke Molenaar)	
14:45	Daniella Dos Santos (BVA JVP)	Brexit and the veterinary profession	96
15:15 – 15:30		PRIZE GIVING AND FAREWELL	

	POSTERS		
EXOTIC PET	Mark Rowland	Use of the K-Laser in Exotic Practice	97
	Martin Whitehead	UK Veterinary Surgeons' opinion on whether reptiles can experience various forms of suffering	98
ZOO HEALTH	Samantha Clifton	Objective monitoring of gait asymmetry using inertial sensors in the captive rhino: a pilot study	99
	Alison Lee	Leptospirosis in two squirrel monkeys (<i>Samiri sciureus</i>)	100
	Antonia Milner-Matthews	A comparison of husbandry and disease prevalence between captive kept Przewalski's horses and Connemaras	101
	Sherri-Anne Pegg	Keeper opinions on factors affecting elephant foot health	102
WILDLIFE	Claire Petros	The Olive Ridley project's marine turtle rescue centre, 2017-2018: a review	103
	Tarika Sandiford	Influence of age and health status in Eastern cottontail rehabilitation success	104
	Katharina Seilern-Moy	Fatal case of phaeohyphomycosis in a free-living common toad (<i>Bufo bufo</i>) due to <i>Exophiala</i> sp. infection	105
	Lisa Yon	CryoArks, the UK's first coordinated zoological biobank. A crucial role for wildlife veterinarians	106