

20 - 24 May 2024



ICARE 20
24

Ghent . Belgium

**International Conference on
Avian, Herpetological, Exotic Mammal,
Zoo and Wildlife Medicine**

Bijloke - Ghent - Belgium

First Complete Herbivore Enteral Nutritional Solution

STEP #1



STEP #2



CRITICALLY ILL

- Weak and Debilitated
- Severe Dental Disease
- Anorexia and Dysphagia
- Severe Gastrointestinal Stasis
- Requiring Feeding Tube

EmerAid® IC Herbivore

- Rapid energy from highly digestible nutrition
- Excellent palatability
- Smooth texture promotes pain-free consumption
- 35.7% fibre content is the highest on the market
- Easily flows through 3-5 Fr feeding tube
- Purified amino acids and hydrolysed proteins for rapid rebuilding of lean muscle mass

RECOVERY

- Chronic Dental Disease
- Gastrointestinal Stasis
- Nutritional Deficiencies
- Inappetence and Diarrhea
- Geriatric Patient Support

EmerAid® Sustain™ Herbivore

- 8 fibre types, including papaya and beetroot, encourages GI tract motility
- Prebiotics improve healthy cecal fermentation
- Mint promotes appetite and self-feeding
- Hydrolysed protein improves healing and rebuilding of muscle mass

Both last for **6** months once opened



INTRODUCTION

Dear Colleagues and Friends,

On behalf of the Organising Committee of the ICARE 2024, we are pleased to welcome you in Ghent, Belgium, 20-24 May 2024 for the 6th International Conference on Avian, Herpetological, Exotic Mammal, Zoo and Wildlife Medicine.

We will combine an exciting conference covering the latest information, review and key stone lectures, as well as wet labs and masterclasses. The conference, as usual, will attract a wide range of delegates, including specialists, professionals, clinicians, scientists, students, veterinary nurses, animal caretakers and decision makers.

Ghent, once medieval Europe's second largest city, over the past century this unsung treasure of a town has developed a strong artistic bent, and is now one of the best places in Europe for culture – there are many fantastic museums and galleries here, and more listed buildings than any other Belgian city. Ghent's architecture is elegant and imposing, particularly along the scenic old Graslei harbour, and grand medieval cathedrals and the Gravensteen castle congregate nicely around the central public squares.

ICARE 2024 is taking place at the Bijloke site in Ghent. It had been a centre of health care for centuries, now it is a unique arts and culture campus in the middle of an impressive historic building complex on the banks of the river Leie. The Bijloke site really has it all: characterful historic rooms, up-to-date facilities, and great services and catering.

So on behalf of ICARE and the rest of the Organising Committee we look forward to welcoming you to Ghent!

Yours faithfully,

Gunther Antonissen, DVM, PhD, Dipl. ECPVS
Local Organising Committee Chair

An Martel, DVM, PhD, Dipl. ECZM
Local Organising Committee Co-Chair





COMMITTEES AND ORGANISING PARTNERS

Organising Committee

- Gunther Antonissen
- Bjorn Geeroms
- An Martel
- Frank Pasmans
- Inge Thas
- Tom Verbeek

ICARE Steering Committee

- Livia Benato
- Dominik Fischer
- Nicola Di Girolamo
- Chris W. Griffin
- Michael Lierz
- Rachel E. Marschang
- Karina Mathes
- Brian Speer

Scientific Committees

AVIAN



- Yvonne van Zeeland
- Tariq Abou-Zahr
- Gunther Antonissen
- Daniel Calvo Carrasco
- John Chitty
- Tom Dutton
- Luisa Fischer
- Cornelia Koniccek
- Deborah Monks





SMALL MAMMALS



- Joao Brandao
- Natalie Antinoff
- Victoria Bender
- Dario D'Ovidio
- Peter DiGeronimo
- Nicola Di Girolamo
- Tom Donnelly
- Grayson Doss
- Claire Vergneau-Grosset
- Michelle Hawkins
- Cathy Johnson-Delaney
- Krista Keller
- Angela Lennox
- Christopher Mans
- Julianne McCready
- Cathy Meade
- Hélène Rembeaux
- Miranda Sadar
- Nico Schoemaker
- Amanda Steignagel
- Molly Varga

HERPETOLOGY



- La'Toya Latney
- James Bogan
- Nicola Di Girolamo
- Paul Gibbons
- Rachel Marschang
- Karina Mathes
- Colin McDermott
- Frank Pasmans





ICARE 20 24

Ghent . Belgium

PROGRAM AT A GLANCE



PROGRAM AT A GLANCE

Monday, 20 May

Time	Session title	Where
08:00 - 17:30	Practical labs	Faculty of Veterinary Medicine, Ghent University
08:00 - 12:15	Hands-on workshops	Faculty of Veterinary Medicine, Ghent University

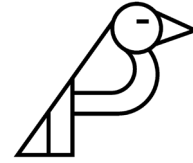
Tuesday, 21 May

Time	Session title	Where
08:00 - 18:00	Basic Day for Veterinarians	Bijloke
08:00 - 18:00	Basic Day for Veterinary Nurses and Animal Caretakers	Bijloke
08:00 - 18:00	Masterclasses	KASK
16:00 - 18:00	Pre-registration	Bijloke
18:00 - 21:00	Welcome Reception	Bijloke

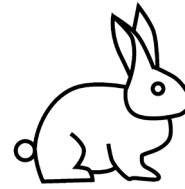




AVIAN



SMALL MAMMALS



HERPETOLOGY



ZOO AND WILDLIFE



KEYNOTE LECTURE /
POSTER PITCH





PROGRAM AT A GLANCE

Wednesday, 22 May

Time	Session title	Where
08:30 - 09:00	Opening Ceremony	Concertzaal - Bijloke
09:00 - 10:30	Challenges and opportunities in wildlife trade research: welfare, conservation and sustainable use	Concertzaal - Bijloke
09:45 - 10:30	European Union: Animal Health and Welfare	Concertzaal - Bijloke
10:30 - 11:00	Coffee break & Poster Sessions / Exhibition	Foyer - Bijloke
11:00 - 12:30	Session 1: Diagnostic innovations	Concertzaal - Bijloke
11:00 - 12:30	Session 1: Surgery	Zwarte Zaal - KASK
11:00 - 12:30	Session 1: Reproduction & Diagnosis	Abdij Refter - STAM
11:00 - 12:30	Session 1: Medical science	Kraakhuis - Bijloke
12:30 - 14:00	Lunch break & Poster Session / Exhibition	Foyer - Bijloke
12:45 - 13:45	Satellite Symposium Platinum sponsor: Oxbow Animal Health/ZuPreem	Anatomisch Theater - Bijloke
14:00 - 15:30	Session 2: Surgical techniques	Concertzaal - Bijloke
14:00 - 15:30	Session 2: Emergency and critical care	Zwarte Zaal - KASK
14:00 - 15:30	Session 2: Infectious agents	Abdij Refter - STAM
14:00 - 15:30	Session 2: Anaesthesia	Kraakhuis - Bijloke
15:30 - 16:00	Coffee break & Poster Sessions / Exhibition	Foyer - Bijloke
16:00 - 17:00	Session 3: Parasitic disease	Concertzaal - Bijloke
16:00 - 17:00	Session 3: Oral and maxillofacial surgery	Zwarte Zaal - KASK
16:00 - 17:00	Session 3: Infectious Agents & Microbiome	Abdij Refter - STAM
16:00 - 17:00	Session 3: Oncology	Kraakhuis - Bijloke
17:00 - 18:00	EAAV Annual Member Meeting	Concertzaal - Bijloke
17:00 - 18:00	AEMV International General Meeting	Zwarte Zaal - KASK
17:00 - 18:00	ARAV International Committee Meeting	Abdij Refter - STAM
18:15 - 19:15	Sightseeing boat trip city of Ghent: from conference venue - city centre (hotels and restaurants)	





PROGRAM AT A GLANCE

Thursday, 23 May

Time	Session title	Where
08:30 - 09:30	Plenary oral communications	Concertzaal - Bijloke
09:30 - 10:00	Poster pitch presentation sessions	Concertzaal - Bijloke
10:00 - 10:30	Coffee break & Poster session / Exhibition	Foyer - Bijloke
10:30 - 12:00	Session 4: Bacterial and fungal diseases	Concertzaal - Bijloke
10:30 - 12:00	Session 4: Infectious agents and microbiome	Zwarte Zaal - KASK
10:30 - 12:00	Session 4: Oncology	Abdij Refter - STAM
10:30 - 12:00	Session 4: Zoo and wildlife management	Kraakhuis - Bijloke
12:00 - 13:30	Lunch break & Poster session / Exhibition	Foyer - Bijloke
12:15 - 13:15	Satellite Symposium 2 Platinum sponsor: Lafeber's-EmerAid	Anatomisch Theater - Bijloke
13:30 - 15:30	Session 5: Welfare, Nutrition and Management	Concertzaal - Bijloke
13:30 - 15:30	Session 5: Diagnostic Imaging	Zwarte Zaal - KASK
13:30 - 15:30	Session 5: Medical Sciences	Abdij Refter - STAM
13:30 - 15:30	Session 5: Internal Medicine	Kraakhuis - Bijloke
15:30 - 16:00	Coffee break & Poster session / Exhibition	Foyer - Bijloke
16:00 - 18:00	Session 6: Clinical cases	Concertzaal - Bijloke
16:00 - 18:00	Session 6: Oncology	Zwarte Zaal - KASK
16:00 - 18:00	Session 6: Anaesthesia	Abdij Refter - STAM
16:00 - 18:00	Session 6: Surgery	Kraakhuis - Bijloke
19:30 - 01:00	Conference dinner	Kuipke





PROGRAM AT A GLANCE

Friday, 24 May

Time	Session title	Where
09:00 - 10:30	Session 7: Anaesthesia and Analgesia, Immuno-	Concertzaal - Bijloke
09:00 - 10:30	Session 7: Internal medicine	Zwarte Zaal - KASK
10:30 - 11:00	Coffee break & Poster session / Exhibition	Foyer - Bijloke
11:00 - 12:15	Session 8: Ophthalmology	Concertzaal - Bijloke
11:00 - 12:15	Session 8: Potpourri	Zwarte Zaal - KASK
12:15 - 13:45	Lunch break & Poster session / Exhibition	Foyer - Bijloke
13:45 - 16:00	Session 9: Viral diseases	Abdij Refter - STAM
13:45 - 16:00	Session 9: Urinary tract	Zwarte Zaal - KASK
16:00 - 16:30	Closing ceremony	Abdij Refter - STAM



YURVAC[®] RHD

The first recombinant RHD vaccine indicated for protection against highly virulent RHDV2 strains



Innovation and **welfare** solution



Protection against **classical** (RHDV) and **variant** (RHDV2) strain



Fast protection against **highly virulent RHDV2 strains** in just 7 days

Discover more about YURVAC[®] RHD >

Technical sheet >



ICARE ²⁰₂₄

Ghent . Belgium

MONDAY, 20 MAY
PRACTICAL LABS &
HANDS-ON WORKSHOPS



PRACTICAL LABS

Monday, 20 May (Faculty of Veterinary Medicine, Ghent University, Merelbeke)

08:00 - 12:00	PL01	<p>Avian Histopathology Richard Ducatelle, Ghent University, Belgium</p>
	PL02	<p>Introduction to avian orthopaedics: conservative management and basic orthopaedics techniques Daniel Calvo Carrasco, Mandai Wildlife Groupe, Singapore & Mikel Sabater Gonzalez, Manor Veterinary Clinic, Edgbaston, UK</p>
	PL03	<p>Post-mortem examination and appropriate collection and processing of samples in pet, zoo and wild birds for health screening and disease surveillance in avian populations Luisa Fischer, Wildlife Research Institute, State Agency for Nature, Environment and Consumer Protection North Rhine-Westphalia, Bonn, Germany & Dominik Fischer, Der Grüne Zoo Wuppertal, Germany</p>
	PL04	<p>Exotic companion mammal intubation Dan Johnson, Avian and Exotic Animal Care, Raleigh, USA</p>
	PL05	<p>Avian ophtalmology - principles and application Rüdiger Korb, University of Munich, Munich, Germany <i>Sponsored by: Eickemeyer</i></p>
	PL06	<p>Clinical approach to emergent captive avian reproductive disease Anneliese Strunk, Center for Bird and Exotic Animal Medicine, Bothell, USA</p>
12:00 - 13:30		Lunch
13:30 - 17:30	PL07	<p>Avian and reptilian hematology Helene Pendl, Pendl Lab, Zug, Switzerland</p>
	PL08	<p>Advanced avian orthopedic surgery Neil Forbes, Homer Forbes International Ltd, Helensburgh, UK & Daniel Calvo Carrasco, Mandai Wildlife Group, Singapore, Singapore <i>Sponsored by: Ortho4Vet</i></p>
	PL09	<p>Rabbit soft tissue surgery Inge Thas, Veterinary Practice, Zwijnaarde, Belgium</p>
	PL10	<p>Orthopedic surgery in rabbits Charly Pignon, Alfort National Veterinary School, Maisons-Alfort, France & Adeline Decambon, Hopia Clinique Vétérinaire Bozon, Guyancourt, France <i>Sponsored by: Covetrus</i></p>
	PL11	<p>General reptile ultrasonography with echocardiography wetlab Lionel Schilliger, Argos SpéNAC, Paris, France</p>
	PL12	<p>Raptor foot surgery John Chitty, Private Consultancy, Salisbury UK</p>





HANDS-ON WORKSHOPS

Monday, 20 May (Faculty of Veterinary Medicine, Ghent University, Merelbeke)

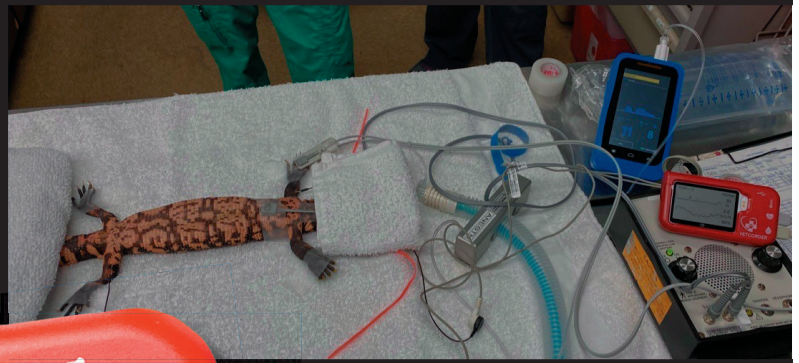
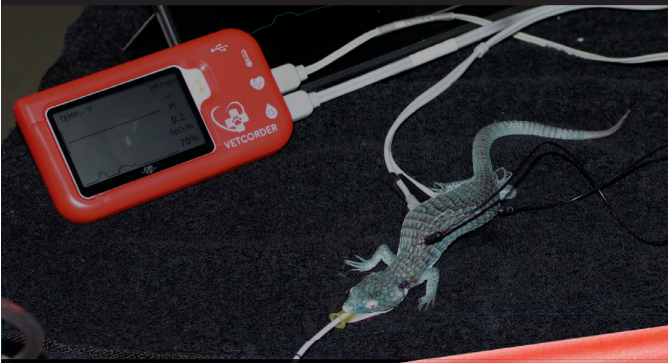
08:00 - 09:15	<p>Exotic Companion Mammals Katleen Hermans, Ghent University, Merelbeke, Belgium & Lieve Meulemans (University College Ghent, Melle, Belgium)</p>
	<p>Reptiles and amphibians Frank Pasmans, Ghent University, Merelbeke, Belgium & Tom Verbeek, Veterinary Clinic Trigenio, Nijlen, Belgium</p>
	<p>Birds Gunther Antonissen, Ghent University, Merelbeke Belgium & Bjorn Geeroms, Veterinary Clinic Geeroms - Dewolf, Roosdaal, Belgium</p>
09:30 - 10:45	<p>Exotic Companion Mammals Katleen Hermans, Ghent University, Merelbeke, Belgium & Lieve Meulemans (University College Ghent, Melle, Belgium)</p>
	<p>Reptiles and amphibians Frank Pasmans, Ghent University, Merelbeke, Belgium & Tom Verbeek (Veterinary Clinic Trigenio, Nijlen, Belgium)</p>
	<p>Birds Gunther Antonissen, Ghent University, Merelbeke Belgium & Bjorn Geeroms, Veterinary Clinic Geeroms - Dewolf, Roosdaal, Belgium</p>
11:00 - 12:15	<p>Exotic Companion Mammals Katleen Hermans, Ghent University, Merelbeke, Belgium & Lieve Meulemans, University College Ghent, Melle, Belgium</p>
	<p>Reptiles and amphibians Frank Pasmans, Ghent University, Merelbeke, Belgium & Tom Verbeek, Veterinary Clinic Trigenio, Nijlen, Belgium</p>
	<p>Birds Gunther Antonissen, Ghent University, Merelbeke Belgium & Bjorn Geeroms, Veterinary Clinic Geeroms - Dewolf, Roosdaal, Belgium</p>





VETCORDER™ PRO
EVERY PATIENT | EVERY TIME

FROM SMALL PATIENTS



TO LARGE PATIENTS,



VETCORDER™ MONITORS THEM ALL!

+44 (0) 1225 791 184 | sales.uk@maianimalhealth.com | www.maianimalhealth.com

Find us on  **MAI** ANIMAL HEALTH

©2024 MAI Animal Health



ICARE 20 24

Ghent . Belgium

TUESDAY, 21 MAY
BASIC DAY &
MASTERCLASSES



BASIC DAY FOR VETERINARIANS

Tuesday, 21 May		(Kraakhuis (Bijloke))
		Moderators: Gunther Antonissen & Inge Thas
08:00 - 09:00	O1	Standard surgical procedures in small mammals Sören Decraene
09:00 - 10:00	O2	Blood sampling and intravenous access in small mammals exotic species Daniele Petrini
10:00 - 10:30		Coffee break
10:30 - 11:30	O3	Blood test in rabbits: how to interpret it? Inge Thas
11:30 - 12:30	O4	Important diseases in companion poultry Gunther Antonissen
12:30 - 13:30		Lunch
13:30 - 14:30	O5	Blood test in reptiles and amphibians: how to interpret it? Violaine Colon
14:30 - 15:30	O6	Alotl information about Axolotls Alissa Tepedino
15:30 - 16:00		Coffee break
16:00 - 17:00	O7	Introduction and basic techniques in raptor medicine Panagiotis Azmanis
17:00 - 18:00	O8	Psittacine pediatrics and neonatology: guidelines for the successful management of a breeding collection and the treatment of individual medical conditions Mikel Sabater González



**BASIC DAY FOR VETERINARY NURSES AND ANIMAL CARETAKERS**

Tuesday, 21 May		(Anatomisch Theater (Bijloke))
		Moderators: Bjorn Geeroms & Tom Verbeek
08:00 - 09:00	O9	Shing a light on the importance of ultraviolet B radiation in captive zoologic species Mark Mitchell
09:00 - 10:00	O10	Behind the scenes - psittacines trading in pet shops Sylvia Parmentier
10:00 - 10:30		Coffee break
10:30 - 11:30	O11	Care of central bearded dragon (<i>Pogona Vitticeps</i>) and Leopard Gecko (<i>Eublepharis Macularius</i>) Thomas Boyer
11:30 - 12:30	O12	Respiratory anatomy and physiology of reptiles with clinical implications Javier Nevarez
12:30 - 13:30		Lunch
13:30 - 14:30	O13	Behaviour problems in psittacine birds: a tough nut to crack? Yvonne van Zeeland
14:30 - 15:30	O14	Stay on the beat during Zoomed CPRI: Zoomed (Exotic) CPR guideline Laila Proenca
15:30 - 16:00		Coffee break
16:00 - 17:00	O15	Behind the scenes - Rodents and rabbits in pet shops Jessica Link
17:00 - 18:00	O16	How to obtain good quality radiographics and interpret them Dan Johnson





MASTERCLASSES

Tuesday, 21 May		(KASK/STAM)
08:00 - 10:00	O17	Exotic animal endoscopy part 1: Equipment and small animals - <i>Zwarte Zaal (KASK)</i> Stephen Divers
	O18	Vulture medicine and surgery - <i>Baudelo (STAM)</i> John Chitty
	O19	Rabbit abscess presentations, complications and management - <i>Aud. Eysselinck (KASK)</i> Lauren Thielen
	O20	Reptile cardiology - <i>Aud. Cirque (KASK)</i> Dan Johnson
	O21	Respecting parrot intelligence and cognitive abilities in daily practice - <i>Aud. Verdegem (KASK)</i> Irene Pepperberg
10:00 - 10:30		Coffee break
10:30 - 12:30	O22	Exotic Animal endoscopy part 2: Reptiles and birds - <i>Zwarte Zaal (KASK)</i> Stephen Divers
	O23	Veterinary care of breeding flocks of birds of prey and psittacines - tips and tricks to help your client - <i>Aud. Verdegem (KASK)</i> Michael Lierz
	O24	Rabbit dermatological disease - A clinician's perspective of skin disease in pet rabbits - <i>Baudelo (STAM)</i> Jenna Richardson -
	O25	Anatomy, physiology and disorders of the spectacle, subspectacular space and its lacrimal drainage system in squamates - <i>Aud. Cirque (KASK)</i> Tom Hellebuyck
	O26	The Avian Neurologic Exam and Seizure Management - <i>Aud. Eysselinck (KASK)</i> Natalie Antinoff
12:30 - 13:30		Lunch





MASTERCLASSES

Tuesday, 21 May		(KASK/STAM)
13:30 - 15:30	O27	Raptor nutrition theory and practical applications - <i>Zwarte Zaal (KASK)</i> Neil Forbes
	O28	Invertebrate first aid - <i>Seminare - Seminar Room 1 (KASK)</i> Sarah Pellett & Michelle O'Brien
	O29	Locoregional anaesthesia in small mammals: a clinical approach - <i>Aud. Cirque (KASK)</i> Giulia Bersanetti
	O30	Avian Influenza in backyard poultry and pet, zoo and wild birds - <i>Aud. Verdegem (KASK)</i> Gunther Antonissen
	O31	Advances in pain recognition, assessment and treatment of pain in birds - <i>Aud. Eysselinck (KASK)</i> David Sanchez-Migallon Guzman
15:30 - 16:00		Coffee break
16:00 - 18:00	O32	Reptile and Amphibian Nutrition for Practicing Veterinarians - <i>Aud. Verdegem (KASK)</i> Thomas Boyer
	O33	Clinical and systematic approach to behaviour problems in exotic animals - <i>Baudelo (STAM)</i> Marion Desmarchelier
	O34	How to perform a safer rabbit anesthesia - <i>Aud. Cirque (KASK)</i> Nicola Di Girolamo
	O35	Avian geriatric diseases - <i>Zwarte Zaal (KASK)</i> Yvonne van Zeeland
	O36	Small intestinal obstruction in pet rabbits: The incision decision - <i>Aud. Eysselinck (KASK)</i> Joanne Sheen





SCIENCE
Selective™

Food for life.

We all want pets to live long and happy lives, so choose Selective, tailored nutrition to help support digestive health and vitality for all life stages and lifestyles.

- A delicious blend of natural ingredients
- Rich in fibre for digestive health
- Natural prebiotics to support gut flora
- No added sugars for essential wellbeing
- Omega 3 & 6 for healthy skin and coat



SELECTIVE. FOR EVERY STAGE IN LIFE



supremepetfoods.com



LET'S GET CONNECTED
 @supremepetfoods

Scan to
 watch our
 video and
 find out
 more





ICARE ²⁰₂₄

Ghent . Belgium

WEDNESDAY, 22 MAY
MAIN CONFERENCE



Wednesday, 22 May (Concertzaal)

08:30 - 09:00		Opening Ceremony: Dominik Fischer, An Martel & Gunther Antonissen
		Keynote lectures: Frank Pasmans
09:00 - 09:45	I1	Keynote Lecture 1: Challenges and opportunities in wildlife trade research: welfare, conservation and sustainable use Richardson Griffiths
09:45 - 10:30	I2	Keynote Lecture 2: European Union - Applicable legislation on animal health and welfare Bernard Van Goethem
10:30 - 11:00		Coffee break & Poster Session & Exhibition (Foyer Bijloke & STAM)





AVIAN (Concertzaal)		Wednesday, 22 May
Session 1: Diagnostic innovations - Tom Tully & John Chitty		
11:00 - 11:15	O37	Baseline thyroxine values and TSH-stimulation test with commercially available rhTSH in quaker parrots (<i>Myiopsitta monachus</i>) Lauren Thielen
11:15 - 11:30	O38	Assay validation and reference interval creation for a novel renal biomarker in healthy Amazon parrots (<i>Amazona ventralis</i>) and quaker parrots (<i>Myiopsitta monachus</i>) Adam Moreno
11:30 - 11:45	O39	Comparison of point-of-care lactate and glucose monitors in chickens (<i>Gallus gallus domesticus</i>) Joao Brandao
11:45 - 12:00	O40	Use of calcium score to quantify atherosclerotic lesion in African grey parrots (<i>Psittacus erithacus</i>) using CT-scan: preliminary findings Eva Louste
12:00 - 12:15	O41	The shape and clinical interpretation of the pulmonary artery Doppler-flow profile measured by pulsed-wave Doppler echocardiography in healthy and atherosclerotic diseased birds Marko Legler
12:15 - 12:30	O42	Walking on sunshine - Innovative solution for pododermatitis in pet chickens: 3D-printed silicone shoes Cornelia Konicek
12:30 - 14:00		Lunch break & Poster Session / Exhibition (Foyer Bijloke & STAM)
12:45 - 13:45		Satellite Symposium Oxbow Animal Health/ZuPreem: Understanding the specialized GI anatomy, physiology & nutrition of exotic companion herbivores (Anatomisch Theater)
Session 2: Surgical techniques - Mikel Sabater & Daniel Calvo Carresco		
14:00 - 14:15	O43	Clinical approach and surgical resolution of thymoma in five lovebirds (<i>Agapornis spp.</i>) Andres Montesinos
14:15 - 14:30	O44	Challenges for salpingectomy in tiny psittacine birds Anchisa Suvisit
14:30 - 14:45	O45	A novel technique for cervicocephalic air sac rupture: endoscopic pleurodesis in a yellow-crowned Amazon (<i>Amazona ochrocephala</i>) Biagio Chianese
14:45 - 15:00	O46	CT-guided surgical correction of air sac rupture in a scarlet macaw combined with pleurodesis-like procedure Lauren Thielen
15:00 - 15:15	O47	Successful management of a superficial extensive scalping wound using fish skin graft in a blue-fronted amazon (<i>Amazona aestiva</i>): a case report Eva Louste
15:15 - 15:30	O48	Surgical repair of the flexor digitorum longus of digit 2 on a Harris hawk (<i>Parabuteo unicinctus</i>) Daniel Calvo Carresco
15:30 - 16:00		Coffee break, Poster Session & Exhibition (Foyer Bijloke & STAM)
Session 3: Parasitic Diseases - Panos Azmanis & Luisa Fischer Ziegler		
16:00 - 16:15	O49	Sarcocystis calchasi – an emerging pathogen in psittacine and columbid species with neurological symptoms Michael Lierz
16:15 - 16:30	O50	Investigations into the patho-mechanism of Sarcocystis calchasi –induced encephalitis in domestic pigeons (<i>Columba livia f. domestica</i>) Saskia Nemitz
16:30 - 16:45	O51	Prevalence of gastrointestinal nematodes in captive Psittaciformes in Flanders (Belgium) Gunther Antonissen
16:45 - 17:00	O52	S.H.I.T. – Sample, handle, interpret, treat. How to keep falcon fecal diagnostics simple Christiana Hebel
17:00 - 18:00		EAAV Annual Member Meeting





SMALL MAMMALS (Zwarte Zaal)		Wednesday, 22 May
Session 1: Surgery - Miranda Sadar & Mark Mitchell		
11:00 - 11:15	O53	Thoracotomy and coeliotomy for removal of a perforating foreign body in a domestic rabbit (<i>Oryctolagus cuniculus</i>) Marion Turk
11:15 - 11:30	O54	Surgical treatment and resolution of gastric dilatation and volvulus (GDV) in a rabbit (<i>Oryctolagus cuniculus</i>) Ava Vasyliiev
11:30 - 11:45	O55	Endoscopic side-by-side technique for removal of inflammatory polyps causing bilateral complete obstruction in the ear canals of chinchilla (<i>Chinchilla lanigera</i>) Jaturun Luapan
11:45 - 12:00	O56	Orthopedic surgery using plate-rod technique in tibia fracture of Flemish giant rabbit Nithidol Buranapim
12:00 - 12:15	O57	Rectovaginal fistula with atresia ani in a ferret (<i>Mustela putorius furo</i>) Andres Montesinos
12:15 - 12:30	O58	Three cases of atypical appendicitis in rabbits (<i>Oryctolagus cuniculi</i>) Aurélien Castellier
12:30 - 14:00		Lunch break & Poster Session / Exhibition (Foyer Bijloke & STAM)
12:45 - 13:45		Satellite Symposium Oxbow Animal Health/ZuPreem: Understanding the specialized GI anatomy, physiology & nutrition of exotic companion herbivores (Anatomisch Theater)
Session 2: Emergency and Critical Care - Molly Varga & Sara Dias		
14:00 - 14:15	O60	Diagnosis and treatment of venous thrombosis in a rabbit Yen-Lin Lee
14:15 - 14:30	O61	Use of intralipid emulsion therapy (ILE) to treat ivermectin intoxication in a ferret
14:30 - 14:45	O62	Accidental acute lidocaine toxicity in two pet rabbits treated using intravenous lipid emulsion Nicola Di Girolamo
14:45 - 15:00	O63	Successful cross-species blood transfusion from a domestic dog (<i>Canis familiaris</i>) to an Arctic marble fox (<i>Vulpus vulpus</i>) Jaturun Luapan
15:00 - 15:15	O64	Case report of successful blood transfusion in a prairie dog (<i>Cynomys ludovicianus</i>) using fresh whole blood: tips and tricks on clinical practice Jaturun Luapan
15:15 - 15:30		Coffee break, Poster Session & Exhibition (Foyer Bijloke & STAM)
Session 3: Oral and Maxillofacial Surgery - Claire Vergneau-Grosset		
16:00 - 16:15	O65	Ventral transorbital apicoectomy of the maxillary M2 and M3 in guinea pigs (<i>Cavia porcellus</i>) Vladimir Jekl
16:15 - 16:30	O66	Successful management of bilateral temporomandibular joint luxation in a domestic rabbit (<i>Oryctolagus cuniculus</i>) Athinodoros (Athin) Athinodorou
16:30 - 16:45	O67	Traumatic jaw fractures in pet rabbits: a retrospective study of 9 cases diagnosed by CT-scan (2017 -2023) Mathilde Charrasse
16:45 - 17:00	O68	A total lateral maxillary alveolar bulla wall resection with extraoral gingival suture as an alternative technique in cases of total extraoral maxillary premolar and molar extraction Vladimir Jekl
17:00 - 18:00		AEMV Annual Member Meeting
18:15 - 19:15		Social event (registration): Sightseeing boat trip city of Ghent: from conference venue - city centre (hotels and restaurants)





HERPETOLOGY (Abdij Refter)

Wednesday, 22 May

Session 1: Reproduction & Diagnostics - Francesco Origi & Violaine Colon

11:00 - 11:15	O69	Surgical approach to Sertoli cell tumor in a corn snake (<i>Pantherophis guttatus</i>) via unilateral orchidectomy Jaturun Luapan
11:15 - 11:30	O70	Influence of seasonality on testicular morphometry of two chelonian species, Pond slider (<i>Trachemys scripta</i>) and Hermann's tortoise (<i>Testudo hermanni</i>) Guilherme Rizzoto
11:30 - 11:45	O71	Sperm cryopreservation in the Taiwanese rat snake (<i>Elaphe taenuria</i>) as a model for endangered Colubridae Ferran Solanes Vilanova
11:45 - 12:00	O72	Unilateral ovarian torsion in five geckos: clinical and ultrasound findings Clément Paillusseau
12:00 - 12:15	O73	Comparison of two point-of-care analyzers for the measurement of lactatemia in Canadian turtles Claire Vergneau-Grosset
12:15 - 12:30	O74	An effective location to obtain pulse rate in chelonians, snakes and lizards of various sizes Nicola Di Girolamo
12:30 - 14:00		Lunch break & Poster Session / Exhibition (Foyer Bijloke & STAM)
12:45 - 13:45		Satellite Symposium Oxbow Animal Health/ZuPreem: Understanding the specialized GI anatomy, physiology & nutrition of exotic companion herbivores (Anatomisch Theater)

Session 2: Infectious Agents - Michael Pees & Lionel Schilliger

14:00 - 14:15	O75	Retrospective study of morbidity and mortality in a captive population of Cryptosporidium-positive Louisiana pine snakes (<i>Pituophis ruthveni</i>) Corinne Mayer
14:15 - 14:30	O76	Prevalence of intestinal parasites in pet reptiles in Romania Razvan Stefan Soare
14:30 - 14:45	O77	Detection of a novel Chlamydia species in box turtles (<i>Terrapene spp.</i>) and proposal of Candidatus Chlamydia emydidae Ferran Solanes Vilanova
14:45 - 15:00	O78	Management of Chlamydia serpentis infection in a captive snake collection: lessons from two consecutive outbreaks in a single zoological institution Pierre Huberdeau
15:00 - 15:15	O79	Ferlaviral disease in caiman lizards (<i>Dracaena guianensis</i>) imported into France from Peru Rachel Marschang
15:15 - 15:30	O80	Detection of adintovirus sequences in a recurring papillomatous lesion in a Bell's hinge back tortoise (<i>Kinixys belliana</i>) Johannes Hetterich
15:30 - 16:00		Coffee break, Poster Session & Exhibition (Foyer Bijloke & STAM)

Session 3: Infectious Agents & Microbiome - Mark Mitchell & Haerin Helen Rhim

16:00 - 16:15	O81	How close are these cousins? Characterizing the bacterial and fungal skin microbiomes of captive red-eye tree frogs (<i>Agalychnis callidryas</i>) and critically endangered lemur tree frogs (<i>Agalychnis lemur</i>) Graciela Aguilar
16:15 - 17:00	O82	Round table on Ophidiomyces ophidiicola in Europe Rachel Marschang
17:00 - 18:00		ARAV Annual Member Meeting
18:15 - 19:15		Social event (registration): Sightseeing boat trip city of Ghent: from conference venue - city centre (hotels and restaurants)





ZOO & WILDLIFE (Kraakhuis)

Wednesday, 22 May

Session 1: Medical Science - Gianluca Deli & Mikel Sabater Gonzales

11:00 - 11:15	O83	Validating volumetric absorptive microsampling (VAMS) as an alternative sampling technique to serum or dried blood spots for the quantitative determination of Vitamin D status in unsedated chimpanzees Siegrid De Baere
11:15 - 11:30	O84	Non-invasive biomonitoring by high-resolution mass spectrometry-based steroidomics: giant panda (pseudo)pregnancy Tom Cools
11:30 - 11:45	O85	Intraocular pressure using rebound tonometry in domestic cat (<i>Felis catus</i>) and captive wild felids including with leopard cat (<i>Prionailurus bengalensis</i>) and tiger (<i>Panthera tigris</i>) Roschong Boonyarittichaijij
11:45 - 12:00	O86	Metabolic and lipid profiling of captive cheetahs (<i>Acinonyx jubatus</i>) Joao Brandao
12:00 - 12:15	O88	Postmortem findings in Harbour seals (<i>Phoca vitulina</i>) affected by lungworm in the Wadden sea Federica Fogli
12:30 - 14:00		Lunch break & Poster Session / Exhibition (Foyer Bijloke & STAM)
12:45 - 13:45		Satellite Symposium Oxbow Animal Health/ZuPreem: Understanding the specialized GI anatomy, physiology & nutrition of exotic companion herbivores (Anatomisch Theater)

Session 2: Anaesthesia - Veronique Mentre & Inge Thas

14:00 - 14:15	O89	Improving alfaxalone anesthesia in the European hedgehog (<i>Erinaceus europaeus</i>) – Conclusions of a clinical audit Lorena Brüderlin
14:15 - 14:30	O90	Comparison of ketamine-medetomidine and ketamine-medetomidine-butorphanol for immobilization in Patagonia maras (<i>Dolichotis patagonum</i>) Erik Doran
14:30 - 14:45	O91	Anesthesia of Madagascar hissing cockroaches (<i>Gromphadorhina portentosa</i>) with isoflurane, and a novel technique for heart rate monitoring Miranda Sadar
14:45 - 15:00	O92	Comparison of two different analgesic protocols for elective procedures in coatis (<i>Nasua nasua</i>) Rui Patricio
15:00 - 15:15	O93	Post-operative management in two species of lemurs: ring-tailed (<i>Lemur catta</i>) and black and white ruffed lemurs (<i>Varecia variegata</i>) Gianluca Deli
15:15 - 15:30	O94	Comparison of two-step humane euthanasia methods in the cave cockroach (<i>Blaberus giganteus</i>) and the Madagascar hissing cockroach (<i>Gromphadorhina portentosa</i>) Miranda Sadar
15:30 - 16:00		Coffee break, Poster Session & Exhibition (Foyer Bijloke & STAM)

Session 3: Oncology - Carlo Paoletti & Elisabetta Mancinelli

16:00 - 16:15	O97	Femoral artery thrombo-embolism and digestive trabecular carcinoma in a kordofan giraffe (<i>Giraffa camelopardalis antiquorum</i>) Pierre Huberdeau
16:15 - 16:30	O96	Treatment of scleral-conjunctival squamous cell carcinoma in an Asian elephant (<i>Elephas maximus</i>) Yirui Heng
16:30 - 16:45	O95	Subcutaneous hemangiosarcoma in a wild European hedgehog (<i>Erinaceus europaeus</i>) Raphaëlle Woerlé
16:45 - 17:00	O98	Hepatocellular carcinoma in a Palawan binturong (<i>Arctictis binturong whitei</i>) Mikel Sabater González
18:15 - 19:15		Social event (registration): Sightseeing boat trip city of Ghent: from conference venue - city centre (hotels and restaurants)





ICARE ²⁰₂₄

Ghent . Belgium

THURSDAY, 23 MAY
MAIN CONFERENCE



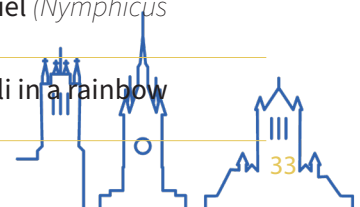
(Concertzaal)		Thursday, 23 May
08:30 - 08:45		Plenary oral communications: Dominik Fischer & Gunther Antonissen
08:30 - 08:45	O99	Detection of gangliosides-reactive antibodies in parrots, screened for avian ganglioneuritis and avian bornavirus infection in a large cohort of healthy and diseased parrots Lucia Biagini
08:45 - 09:00	O100	Bacterial isolates and antimicrobial susceptibilities from lateral ear canal resection in pet rabbits (<i>Oryctolagus cuniculus</i>) with otitis externa: 89 cases (2019-2022) Emma Monge
09:00 - 09:15	O101	Skin tearing syndrome in pythons: pathogenesis, histopathology and proposed approach Matteo Oliveri
09:15 - 09:30	O102	How did the COVID-19 closure of zoological organisations affect amphibian activity? Michelle O'Brien
09:30 - 10:00		Poster pitch presentation session
09:30 - 09:33	P28	Causes of mortality in sugar gliders (<i>Petaurus breviceps</i>) presented to a veterinary teaching hospital in the United States Lindsey Godwin
09:33 - 09:36	P26	Pilot histopathologic description of reproductive tracts of domestic rats (<i>Rattus norvegicus f. domestica</i>) presented for elective ovariohysterectomy Kyra Berg
09:36 - 09:39	P27	Upper lip productive osteosarcoma in two rabbits (<i>Oryctolagus cuniculus</i>) Jacqueline Cuerele
09:39 - 09:42	P12	Calibrating coagulation testing for griffon vultures: PT, aPTT and Factor V reference values Andrea Miguel-Batuecas
09:42 - 09:45	P11	Accuracy of the clinical neurological examination for localization of spinal lesions in birds Sina Feyer
09:45 - 09:48	P10	Novel approach to the brachial plexus anesthesia in different bird species – a cadaver study Lucia Bel
09:48 - 09:51	P35	Characterization of the retina in corn snakes (<i>Pantherophis guttatus</i>) using optical coherence tomography imaging Philippe Sarazin
09:51 - 09:54	P36	Glomerular filtration and tubular secretion in boa constrictor (<i>Boa constrictor</i>) Gunther Antonissen
09:54 - 09:57	P45	Atrial septal defects in the Slovenian resident lynx population Pavel Kvapil
09:57 - 10:00	P46	Removal of a nasal foreign body in a Kirk's Dik Dik (<i>Madoqua kirkii</i>) Marta Bonfanti
10:00 - 10:30		Coffee break & Poster Session / Exhibition (Foyer Bijloke & STAM)

AVIAN (Concertzaal)		Thursday, 23 May
Session 4: Bacterial & fungal diseases - Peter Sandmeier & Joao Brandao		
10:30 - 10:45	O103	Determination of β -Hydroxybutyrate, HDL and LDL levels in falcons affected by Aspergillosis Panagiotis Azmanis
10:45 - 11:00	O104	In ovo treatment: early immunostimulation procedure in a chicken model Lucia Biagini
11:00 - 11:15	O105	Occurrence and relevance of mycoplasmas in free ranging barn swallows (<i>Hirundo rustica</i>) in Germany Theresa Klostermann
11:15 - 11:30	O106	Prevalence of Salmonella in backyard poultry in Flanders (Belgium) Astrid Laporte





11:30 - 11:45	O107	Spiral bacteria in the oropharyngeal cavity of cockatiels (<i>Nymphicus hollandicus</i>): an epidemiologic survey and cultivability investigation Negin Mahdavi Jafari
11:45 - 12:00	O108	Clostridiosis as the cause of deaths in hand-reared parrot chicks Aleksandra Ledwoń
12:00 - 13:30		Lunch break & Poster Session / Exhibition (Foyer Bijloke & STAM)
12:15 - 13:15		Satellite Symposium Lafeber's-EmerAid: Clinical nutrition in small mammals: you are the chef! Charly Pignon & Géraldine Blanchard (Anatomisch Theater)
Session 5: Welfare, Nutrition & Management - Brian Speer & Yvonne van Zeeland		
13:30 - 13:45	O109	What we (don't) know about parrot welfare: a systematic literature review Yvonne van Zeeland
13:45 - 14:00	O110	Effects of auditory enrichment on the behaviour of captive cockatiel (<i>Nymphicus hollandicus</i>) Gunther Antonissen
14:00 - 14:15	O111	The influences of indoor and outdoor husbandry of African grey parrots (<i>Psittacus erithacus</i>) on plasma vitamin D, calcium, magnesium and phosphorus levels Christoph Leineweber
14:15 - 14:30	O112	The impact of feed form on the drinking water uptake in psittacines Sofie Dumon
14:30 - 14:45	O113	A suspected case of vitamin-D3 toxicosis in cockatiels due to an exclusive pelleted diet Bianca Bücking
14:45 - 15:00	O114	Design and evaluation of radio collars to enable management and monitoring of hyacinth macaws in a large free-light aviary in course of ex-situ species conservation Dominik Fischer
15:00 - 15:15	O115	Behind the scenes - Trading of psittacines in European pet shops Sylvia Parmentier
15:15 - 15:30	O116	Form, function, and malfunction of Australian bird eggs: Bertha's eggshell Pat MacWhirter
15:30 - 16:00		Coffee break, Poster Session & Exhibition (Foyer Bijloke & STAM)
Session 6: Clinical cases - Deborah Monks & Petra Zsivanovits		
16:00 - 16:15	O117	Non-invasive treatment of rostromaxillo-mandibular luxation in psittacines Jens Straub
16:15 - 16:30	O118	Description of 19 cases of multifocal chondro-osseous proliferation of different bones in lovebirds (<i>Agapornis sp.</i>) Thomas Coutant
16:30 - 16:45	O119	Systemic carboplatin electrochemotherapy for the management of a hindlimb extensive squamous cell carcinoma in an African grey parrot (<i>Psittacus erithacus</i>) Aram Arslanian
16:45 - 17:00	O120	A rare case of interstitial lung disease (ILD) in two lovebirds (<i>Agapornis sp.</i>) housed with cockatiels (<i>Nymphicus hollandicus</i>) Katharina Westhoff
17:00 - 17:15	O121	Abscessation of the glottis and subsequent sub-obstruction of the airway in a geriatric yellow crowned Amazon parrot (<i>Amazona ochracephala</i>) with a successful outcome Helen Inzani
17:15 - 17:30	O122	Use of glimepiride for regulation of diabetes mellitus in a cockatiel (<i>Nymphicus hollandicus</i>) Zoë van der Plaats
17:30 - 17:45	O123	Unilateral hydronephrosis secondary to renal and ureteral calculi in a rainbow lorikeet (<i>Trichoglossus haematodus</i>) Ciro Cococchetta





17:45 - 18:00	O124	Renal oxalosis with articular gout and poli-arthritis in two captive black storks (<i>Ciconia nigra</i>) Mireia Mainez
19:30 - 01:00		Conference dinner with live music and DJ (included in registration fee for every participant) (Kuipke)

SMALL MAMMALS (Zwarte Zaal)		Thursday, 23 May
Session 4: Infectious agents & microbiome - Paolo Seleri & Nicola DiGirolamo		
10:30 - 10:45	O125	The reliable antemortem diagnosis of rabbit hemorrhagic disease (RHD) Filipe Fontes Pinto
10:45 - 11:00	O126	YURVAC® RHD vaccine against RHDV and RHDV2 Eva Perozo
11:00 - 11:15	O127	Nasal blastocystosis in a sugar glider (<i>Petaurus breviceps</i>) Anneliese Strunk
11:15 - 11:30	O128	Methicillin-resistant <i>Staphylococcus aureus</i> infection in 15 pet rabbits Vladimir Jekl
11:30 - 11:45	O129	The impact of commercial probiotics mixed diet on fecal microbiome in healthy adult rabbits Roschong Boonyarittichaikij
11:45 - 12:00	O130	Effect of rabbit gastrointestinal stasis (RGIS) on the fecal microbiome of pet rabbits (<i>Oryctolagus cuniculus</i>) Micah Kohles
12:00 - 13:30		Lunch break & Poster Session / Exhibition (Bijloke Foyer & STAM)
12:15 - 13:15		Satellite Symposium Lafeber's-EmerAid: Clinical nutrition in small mammals: you are the chef! Charly Pignon & Géraldine Blanchard (Anatomisch Theater)
Session 5: Diagnostic Imaging - Charly Pignon & Victoria Bender		
13:30 - 13:45	O131	Lung ultrasound (LUS) accuracy for the diagnosis of subclinical lung diseases in rabbits Roberto Sargo
13:45 - 14:00	O132	Sonography of the pituitary gland in pet rats Daniele Petrini
14:00 - 14:15	O133	A retrospective review and description of findings within the nasal cavity of client-owned rabbits (<i>Oryctolagus cuniculus domesticus</i>) using computed tomography Adam Moreno
14:15 - 14:30	O134	Tomographic and ultrasound evaluation of the thyroid gland in the guinea pig Caterina Puccinelli
14:30 - 14:45	O135	Computed tomographic features of splenopathies in rabbits Megan Kiln
14:45 - 15:00	O136	Frequency and number of B-lines using a point-of-care thoracic ultrasound examination in rabbits (<i>Oryctolagus cuniculus</i>) without pulmonary disease Sheyla Dominguez Diaz
15:00 - 15:15	O137	In-vivo diagnosis of intracranial neoplasms in pet rats by transcranial ultrasound Maria Ardiaca Garcia
15:15 - 15:30	O138	Computed tomographic features of clinical and subclinical rhinitis in domestic rabbits (<i>Oryctolagus cuniculus</i>): 33 cases (2021-2022) Anna Slusarek
15:30 - 16:00		Coffee break, Poster Session & Exhibition (Foyer Bijloke & STAM)





SMALL MAMMALS (Zwarte Zaal)		Thursday, 23 May
Session 6: Oncology - Jenna Richardson & Joao Brandao		
16:00 - 16:15	O139	Successful management of sarcoma and pneumothorax by simple pneumonectomy in a pet rabbit (<i>Oryctolagus cuniculus</i>) Laura Mercado Izquierdo
16:15 - 16:30	O140	Spontaneous mammary tumors in domestic Guinea Pigs: a retrospective study of 110 cases (2006-2022) Paul Raymond
16:30 - 16:45	O141	Multiple myeloma in a ferret (<i>Mustela putorius furo</i>) Katalin Maria Horvath
16:45 - 17:00	O142	Electrochemotherapy with bleomycin in the treatment of oral sarcoma in a rabbit (<i>Oryctolagus cuniculus</i>) Joško Račnik
17:00 - 17:15	O144	Cryptorchidism and testicular neoplasia: a risk factors for testicular torsion in rabbits? Carlo Paoletti
17:15 - 17:30	O145	High grade large cell lymphoma in a rabbit with severe pleural effusion as initial and single clinical presentation Chloé Vinomack
17:30 - 17:45	O146	Successful management of a thyroid gland carcinoma in a sugar glider (<i>Petaurus breviceps</i>) Katalin Maria Horvath
19:30 - 01:00		Conference dinner with live music and DJ (included in registration fee for every participant) (Kuipke)

HERPETOLOGY (Abdij Refter)		Thursday, 23 May
Session 4: Oncology - Volker Schmidt & M. Graciela Aguilar		
10:30 - 10:45	O147	Diagnosis, surgical treatment and outcome of neoplastic disorders in reptiles presented at a veterinary teaching hospital: a retrospective study (2010-2023) Ferran Solanes Vilanova
10:45 - 11:00	O148	Cutaneous fibropapilloma in an Aldabra tortoise (<i>Aldabrachelys gigantea</i>) Violaine Colon
11:00 - 11:15	O149	Surgery and radiation therapy of squamous cell carcinomas in bearded dragons (<i>Pogona spp.</i>) Polina Maratkanova
11:15 - 11:30	O150	Clinical features, surgical management and outcome of squamous and basal cell carcinoma in squamates and chelonians Ferran Solanes Vilanova
11:30 - 11:45	O151	Visceral hemangiosarcoma in bearded dragon surgical removal , chemotherapy and regular follow-up in 2 years Hsuanpen Fang
11:45 - 12:00	O152	Successful surgical treatment of a mucinous colonic adenocarcinoma in a corn snake (<i>Pantherophis guttata</i>) Mikel Sabater González
12:00 - 13:30		Lunch break & Poster Session / Exhibition (Foyer Bijloke & STAM)
12:15 - 13:15		Satellite Symposium Lafeber's-EmerAid: Clinical nutrition in small mammals: you are the chef! Charly Pignon & Géraldine Blanchard (Anatomisch Theater)





HERPETOLOGY (Abdij Refter)		Thursday, 23 May
		Session 5: Medical Sciences - Claire Vergneau Grosset & Colin McDermott
13:30 - 13:45	O153	Evaluation of different tranquilizers, sedatives, and routes of administration in amphibian species Laken Russell
13:45 - 14:00	O154	Isolation, in vitro expansion and preliminary characterization of mesenchymal stromal cells from fat tissue of pond sliders (<i>Trachemys scripta</i>) Alessandro Vetere
14:00 - 14:15	O155	Evaluation of the distribution and viability of chameleons in zoological institutions Amélie Aduriz
14:15 - 14:30	O156	Plasma and shed skin corticosterone levels in a Cryptosporidium-positive population of Louisiana pine snakes (<i>Pituophis ruthveni</i>) Corinne Mayer
14:30 - 14:45	O157	Establishment of reference intervals for blood plasma 25-hydroxyvitamin D3 and basking ultraviolet index ranges in central bearded dragons (<i>Pogona vitticeps</i>) Jonathon Howard
14:45 - 15:00	O158	Detection of Mycoplasma sp. in Pythonidae, Boidae, Colubridae, Elapidae, Viperidae and Lamprophiidae Rachel Marschang
15:00 - 15:15	O159	Gross and ultrasonographic anatomy of the coelomic organs of healthy axolotls (<i>Ambystoma mexicanum</i>) Camille François
15:15 - 15:30	O160	Anatomo-pathological and etiopathogenetic findings in dead chelonians: A retrospective study of mortality and morbidity factors in a series of 123 caseload Danilo De Bellis
15:30 - 16:00		Coffee break, Poster Session & Exhibition (Foyer Bijloke & STAM)
		Session 6: Anaesthesia - Javier Nevarez & Alessandro Vetere
16:00 - 16:15	O162	Measuring the sedative effects of intramuscular alfaxalone in Burmese pythons (<i>Python molurus</i>) and reticulated pythons (<i>Malayopython reticulatus</i>) Tithipong Plangsangmas
16:15 - 16:30	O163	Evaluating the sedative effects of alfaxalone-midazolam and dexmedetomidine-midazolam in common blue-tongued skinks (<i>Tiliqua scincoides</i>) Haerin Rhim
16:30 - 16:45	O164	Effect of injection site on anesthetic induction with alfaxalone in American alligators (<i>Alligator mississippiensis</i>) Tithipong Plangsangmas
16:45 - 17:00	O165	Effect of injection site on dexmedetomidine-ketamine sedation in Sonoran desert toads (<i>Incilius alvarius</i>) Julianne McCready
17:00 - 17:15	O166	Pancuronium bromide for chemical immobilization of adult Nile crocodiles (<i>Crocodylus niloticus</i>): a field study Lionel Schilliger
17:15 - 17:30	O167	Determining the best dose of tricaine methansulfonate to anesthetize juvenile Lemur Tree Frogs (<i>Agalychnis lemur</i>) Graciela Aguilar
17:30 - 17:45	O168	Dexmedetomidine and midazolam sedation in Sonoran desert toads (<i>Incilius alvarius</i>): effective dose determination, cardiopulmonary effects, and impact on post-reversal
19:30 - 01:00		Conference dinner with live music and DJ (included in registration fee for every participant) (Kuipke)





ZOO & WILDLIFE (Kraakhuis)

Thursday, 23 May

Session 4: Zoo and Wildlife Management - Michelle O'Brien & Sarah Pellett

10:30 - 10:45	O169	Retrospective study of bird mortality after arrival in a French zoo between 2018 and 2022 Nicolas Goddard
10:45 - 11:00	O170	Canine vector-borne pathogens in Galápagos: a conservation medicine perspective Carla-Andreea Culda
11:00 - 11:15	O171	Experiences in a large mixed zoo exhibit for the husbandry of endangered mammal and bird species and challenges for ex-situ species conservation Dominik Fischer
11:15 - 11:30	O172	Wildlife disease surveillance in North Rhine-Westphalia, Germany Luisa Fischer
11:30 - 11:45	O173	Investigating SARS-CoV-2 exposure in terrestrial and aquatic wildlife and exotic pets in Spain Daniel B. Vázquez Calero
11:45 - 12:00	O174	Retrospective study of blood lead poisoning in Bald Eagles (<i>Haliaeetus leucocephalus</i>) in Virginia, United States of America, from 2017 to 2021 Sofia Soares
12:00 - 13:30		Lunch break & Poster Session / Exhibition (Foyer Bijloke & STAM)
12:15 - 13:15		Satellite Symposium Lafeber's-EmerAid: Clinical nutrition in small mammals: you are the chef! Charly Pignon & Géraldine Blanchard (Anatomisch Theater)

Session 5: Internal Medicine - Romain Pizzi & Frank Pasmans

13:30 - 13:45	O175	Successful elimination of <i>Capillaria</i> in a Channel-billed Toucan (<i>Ramphastos vitellinus</i>) – Lessons learned Jean-Michel Hatt
13:45 - 14:00	O176	Long-term clinical and hemodynamic beneficial effects of spironolactone on a large non-restrictive atrial septal defect in an adult crab-eating macaque (<i>Macaca fascicularis</i>) Antonin Boutibou
14:00 - 14:15	O177	Successful treatment and long-term management of convulsive seizures in a Red-shanked douc langur (<i>Pygathrix nemaeus</i>) with suspected human herpesvirus type 1 infection Nicolas Goddard
14:15 - 14:30	O178	MRI diagnostics and management of epileptic seizures in Ring-tailed lemur (<i>Lemur catta</i>) Ieva Plungytė
14:30 - 14:45	O179	Renal subcapsular abscess: a rare manifestation of kidney disease in a Giant Anteater (<i>Myrmecophaga tridactyla</i>) Yirui Heng
14:45 - 15:00	O180	Faecal impaction in a Mexican Red Knee tarantula, <i>Brachypelma hamorii</i> Sarah Pellett
15:00 - 15:15	O181	Are browsing ruminants more susceptible to glucosuria? Insights from nutrient metabolism in Reeves's muntjac (<i>Muntiacus reevesi</i>) Geert Janssens
15:30 - 16:00		Coffee break, Poster Session & Exhibition (Foyer Bijloke & STAM)





Session 6: Surgery - Dominik Fischer & Jean Michelle Hatt

16:00 - 16:15	O182	Toggle pin fixation of coxofemoral luxation in a red kangaroo (<i>Osphranter rufus</i>) and a Bennett's wallaby (<i>Notamacropus rufogriseus</i>) Joao Brandao
16:15 - 16:30	O183	Endoscopy vasectomy in Indian peacocks (<i>Pavo cristatus</i>) – a comparison of left and right sided approaches Romain Pizzi
16:30 - 16:45	O184	Surgical management of a tarsal luxation in a red kangaroo (<i>Marcropus rufus</i>) Lauren Thielen
16:45 - 17:00	O185	Successful open reduction of simple diaphyseal coracoid fracture in two little owls (<i>Athene noctua</i>) admitted to a wildlife rehabilitation centre Susana Mendes
17:00 - 17:15	O186	Intraocular implantation after evisceration in an American alligator (<i>Alligator mississippiensis</i>) Jenny Ryon--Serrier
17:15 - 17:30	O187	Diode laser transscleral cyclophotocoagulation for the treatment of a glaucoma in a tiger (<i>Pathera tigris</i>) Norin Chai
17:30 - 17:45	O188	Surgical correction of an encephalomenigeocele in a black-headed spider monkey (<i>Ateles fusciceps</i>) Lauren Thielen
17:45 - 18:00	O189	Impact of surgery vs external coaptation on the outcome of coracoid fractures and luxation in wild birds: a retrospective study Filipa Loureiro
19:30 - 01:00		Conference dinner with live music and DJ (included in registration fee for every participant) (Kuipke)





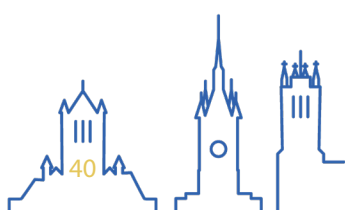
ICARE ²⁰₂₄

Ghent . Belgium

FRIDAY, 24 MAY
MAIN CONFERENCE



AVIAN (Concertzaal)		Friday, 24 May
Session 7: Anaesthesia & Analgesia, Immunology - Steve Smith & Tom Dutton		
09:00 - 09:15	O189	Osmotic pump maintains plasma concentrations of meloxicam for 6 days after orthopedic surgery in pigeons (<i>Columba livia</i>) Thomas Coutant
09:15 - 09:30	O190	Pharmacokinetics and pharmacodynamics of midazolam and flumazenil in Rhode Island red chickens (<i>Gallus gallus domesticus</i>) Olivia Petritz
09:30 - 09:45	O191	Comparison of non-controlled (nalbuphine-dexmedetomidine) and partially-controlled (butorphanol-dexmedetomidine) sedation protocols in chickens (<i>Gallus gallus domesticus</i>) Joao Brandao
09:45 - 10:00	O192	Effects of sedatives on the plasma corticosterone response of Hispaniolan Amazon parrots (<i>Amazona ventralis</i>) Thomas Tully
10:00 - 10:15	O193	Preliminary considerations on blood lactate levels of Eurasian griffon vulture during physical capture Alice Baggio
10:30 - 11:00		Coffee break & Poster Session / Exhibition (Foyer Bijloke)
Session 8: Ophthalmology - Rüdiger Korbel & Cornelia Konicek		
11:00 - 11:15	O195	Epicritic assessment of ophthalmoscopic findings in birds Rüdiger Korbel
11:15 - 11:30	O196	Use of a smartphone-based retinal imaging device in falcons for ophthalmologic telediagnosis Faustine Guillerit
11:30 - 11:45	O197	Intraocular pressure measured by rebound tonometry in Egyptian vultures (<i>Neophron percnopterus</i>) Lucia Gomez Priet
11:45 - 12:00	O198	Adequate hunting performance despite unilateral evisceration in a Harris' hawk with bilateral anterior uveitis and unilateral secondary glaucoma Zoë van der Plaats
12:00 - 12:15	O199	Unilateral cataract surgery in a silvery-cheeked hornbill (<i>Bycanistes brevis</i>) by phacoemulsification Hendrickus Stemkens
12:15 - 12:30		EAAV Research Grant Winner: Detection of veterinary medicinal products in the Pyrenean Capercaillie (<i>Tetrao urogallus aquitanicus</i>) habitat Olga Nicolas
12:30 - 13:45		Lunch break, Poster Session & Exhibition (Foyer Bijloke)
12:30 - 13:30		Pathways to specialization: An overview of options through ECZM, ACZM, and ABVP (Kraakhuis)





		(Abdij Refter) Session 9: Viral diseases - Tom Verbeek & Bjorn Geeroms
13:45 - 14:45	I3	Keynote lecture: Endless horror or loosing fright? Background and update on Avian Bornavirus in psittacines Michael Lierz, Helene Pendl, Sharman Hoppes
14:45 - 15:00	O200	Occurrence of avian bornaviruses in captive psittacines and canaries in Poland Inez Szotowska
15:00 - 15:15	O201	Prevalence of adenovirus, circovirus and rotavirus in young racing pigeons in Flanders (Belgium) Gunther Antonissen
15:15 - 15:30	O202	Circovirus infections in free-living mute swans (<i>Cygnus olor</i>) in the context of rehabilitation Monika Rinder
15:30 - 15:45	O203	Occurrence of polyomaviruses and circoviruses in Passeriformes in Poland Aleksandra Ledwoń
15:45 - 16:00	O204	Preliminary observation of viral-like inclusion bodies observed in growing dystrophic feathers of griffon vulture (<i>Gyps fulvus fulvus</i>) Stefano Pesaro
16:00 - 16:30		Closing Ceremony (Abdij Refter)





SMALL MAMMALS (Zwarte Zaal)		Friday, 24 May
Session 7: Internal Medicine - Isabelle Desprez & Elizabetta Mancinelli		
09:00 - 09:15	O205	A retrospective study on serum C-reactive protein (CRP) as a diagnostic and prognostic indicator in pet rabbits presented in a private veterinary hospital (2018-2023) Mathilde Charrasse
09:15 - 09:30	O206	Prognostic value of rectal temperature, hematocrit, and blood glucose in client-owned ferrets (<i>Mustela putorius furo</i>) Miranda Sadar
09:30 - 09:45	O208	Report of clinical disease compatible with Sjogren syndrome in a rabbit Daniel Castro
09:45 - 10:00	O209	Spontaneous gallbladder and bilobar hepatic torsion in a domestic ferret (<i>Mustela putorius furo</i>) Jacobo Giner
10:00 - 10:15	O210	Successful non-surgical conservative management of a bilateral ankle luxation secondary to osteomyelitis and osteolysis following grade VI pododermatitis in a rabbit, using a homemade wheelchair - a case report Susana Mendes
10:30 - 11:00		Coffee break & Poster Session / Exhibition (Foyer Bijloke)
Session 8: Potpourri - Tom Tully		
11:00 - 11:15	O211	Comparison of three sedation protocols using midazolam and opioids in domestic ferrets (<i>Mustela putorius furo</i>) Jessie Vandenbruggen
11:15 - 11:30	O212	Evaluation of the effects of sedation and anesthesia on total lung volume and density in rabbit lung CT exams Roberto Sargo
11:30 - 11:45	O213	Comparison of lidocaine with fentanyl patch and lidocaine with buprenorphine for postoperative pain management in rabbits following hepatic torsion surgery Chakchalat Yoopattanawong
11:45 - 12:00	O214	Successful surgical treatment of iris staphyloma in three rabbits (<i>Oryctolagus cuniculus</i>) Véronique Mentré
12:00 - 12:15	O215	Lamellar keratoplasty in a rabbit (<i>Oryctolagus cuniculi</i>) Glenda Murciano
12:15 - 12:30	O216	Clinical presentation of Psorergatidae mites' infestation in 19 pet rats Oleksandra Vanina
12:30 - 13:45		Lunch break, Poster Session & Exhibition (Foyer Bijloke)
12:30 - 13:30		Pathways to specialization: An overview of options through ECZM, ACZM, and ABVP (Kraakhuis)
SMALL MAMMALS (Zwarte Zaal)		Friday, 24 May
Session 9: Urinary & dermatological conditions - Thomas Coutant & Julianne McCready		
13:45 - 14:00	O217	Proliferative cystitis resulting in formation of membranes and septa and urine outflow obstruction in client-owned rabbits: 7 cases (2017-2023) Giulia Bersanetti
14:00 - 14:15	O218	Surgical treatment of Escherichia coli related renal abscessation in a two-year-old, female rabbit Milena Thöle



14:15 - 14:30	O219	Diagnosis and treatment of transurethral urinary bladder eversion in two pet rabbits (<i>Oryctolagus cuniculus</i>) Kerstin Müller
14:30 - 14:45	O220	Successful surgical treatment of a urogenital cyst associated with uterine hydrometra in a ferret Arthur Colson
14:45 - 15:00	O221	Presenting factors for lower urinary tract disease in pet guinea pigs Mette Lybek Rueløkke
15:00 - 15:15	O222	Subcutaneous ureteral bypass (SUBTM) for the treatment of ureteral obstruction in rabbits: a feedback David Guillier
15:15 - 15:30	O223	Epitheliotrophic lymphoma in a degu (<i>Octodon degus</i>) Matthew Fiddes
15:30 - 15:45	O224	Hydronephrosis in an African pygmy hedgehog (<i>Atelerix albiventris</i>) Katalin Maria Horvath
16:00 - 16:30		Closing Ceremony (Abdij Refter)





ICARE 20
24

Ghent . Belgium

POSTERS



AVIAN

- P1 Trichomoniasis in free-ranging wild Booted Eagles (*Hieraaetus pennatus*)
Filipa Loureiro
- P2 Surgical extracapsular repair of a traumatic intertarsal luxation in a female Eclectus parrot (*Eclectus roratus*)
Sarah HILKA
- P3 The first report of *Raillietina* spp. tapeworm in a Gold and blue macaw (*Ara ararauna*)
Marta Bonfant
- P4 Splenic rupture in Blue-and-gold macaw (*Ara ararauna*)
Wirakorn Sakorn
- P5 A comparative study of endoscopic sexing vs. molecular sexing in Domestic Pigeon (*Columba livia domestica*)
Maria-Carmen Turcu
- P6 Chondroblastic osteosarcoma of the proximal wing in a lovebird (*Agapornis* spp.)
Matthew Fiddes
- P7 Characterizaion of gastrointestinal parasitism in common peacock collections (*Pavo cristatus*) inserted in the cultural heritage in the Lisbon region
Cristina Almeida
- P8 Use of sprouted seeds in psittacines
Isabelle Kalmar
- P9 Exploring Thyroid Hormone Ranges in Griffon Vultures (*Gyps fulvus fulvus*): A first insight
Stefano Pesaro
- P10 Novel approach to the brachial plexus anesthesia in different bird species – a cadaver study
Lucia Bel
- P11 Accuracy of the clinical neurological examination for localization of spinal lesions in birds
Sina Feyer
- P12 Calibrating Coagulation Testing for Griffon Vultures: PT, aPTT and Factor V Reference Values
Juan Andrés De Pablo Moreno
- P47 Peculiar pathological aspects of avian tuberculosis in parrots of the genus *Brotogeris* Giacomo Rossi





SMALL MAMMALS

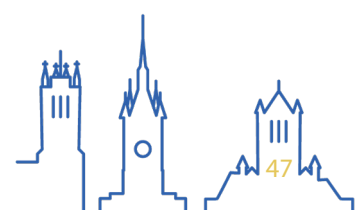
- P13 Hematuria in a pet rat (*Rattus norvegicus domestica*) associated with *Trichosomoides crassicauda*
Jutta Hein
- P14 Prospective study of the cardiac silhouette radiographic measures in the guinea pig (*Cavia porcellus*)
Rui Patricio
- P15 Aortic thromboembolism in a Guinea Pig – one case report
Ana Reisinho
- P16 Prevalence of endoparasites in pet ferrets and small rodents
Jacqueline Csokai
- P17 Prevalence of *Encephalitozoon cuniculi* in domestic rabbits (*Oryctolagus cuniculus*) in the North-Western region of Romania through serological diagnosis: a preliminary study
Anca-Alexandra Doboși
- P18 Efficacy of YURVAC RHD vaccine against RHDV2 strains in the presence or absence of maternally derived antibodies
Eva Perozo
- P19 Lack of interference after simultaneous administration of a live vaccine against myxomatosis and a new recombinant vaccine against rabbit haemorrhagic disease
Sandra Gascon Torrens
- P20 Safety assessment of a single and a repeated dose administration of YURVAC RHD vaccine in dwarf pet rabbits
Eva Perozo
- P21 Foreign body-induced tracheal stenosis in a domestic ferret (*Mustela putorius furo*)
José Víllora González
- P22 Malignant amelanotic melanoma of eyelid in ferret
Panicha Singsena
- P23 Spontaneous spleen lymphoblastic lymphoma and myocardial fibrosis in a pet rabbit (*Oryctolagus cuniculus*)
José Víllora González
- P24 Brachial plexus block in a dwarf hamster through peripheral nerve stimulation with the aid of a customised intravenous catheter
Iulia Melega
- P25 Development of a 3D-printed laparoscopic simulator for ovariohysterectomy in rabbits
Cosmina Andreea Dejescu
- P26 Pilot histopathologic description of reproductive tracts of domestic rats (*Rattus norvegicus f. domestica*) presented for elective ovariohysterectomy
Kyra Berg
- P27 Upper lip productive osteosarcoma in two rabbits (*Oryctolagus cuniculus*)
Jacqueline Cuerel
- P28 Causes of mortality in sugar gliders (*Petaurus breviceps*) presented to a veterinary teaching hospital in the United States
Lindsey Godwin
- P48 Retrospective evaluation of thyroid tumours treatment in guinea pigs (*Cavia porcellus*) Justyna Ignaszak - Dziech





HERPETOLOGY

- P29 Comparison of the antioxidative and oxidative status in muscle tissue of Dalmatian wall lizard (*Podarcis melisellensis*) and Italian wall lizard (*Podarcis siculus*)
Josip Miljković
- P30 Zoonotic gram-negative bacteria from the oral cavity and cloaca of healthy leopard geckos (*Eublepharis macularius*)
Rui Patricio
- P31 *Mycoplasma agassizii* subclinical infection in captive tortoises in Portugal
Rui Patricio
- P32 Prevalence and factors influencing *Batrachochytrium dendrobatidis* status in *Pelophylax* spp. in Northern Germany
Christoph Leineweber
- P33 Coinfection of nidovirus and mycoplasma spp. in Sri Lankan Rock Python (*Python molurus pimbura*)
Maja Lukač
- P34 Long-term management of ulcerative shell disease in mata mata (*Chelus fimbriata*)
Jae-Ik Han
- P35 Characterization of the retina in corn snakes (*Pantherophis guttatus*) using Optical Coherence Tomography imaging
Philippe Sarazin
- P36 Glomerular filtration and tubular secretion in boa constrictor (*Boa constrictor*)
Gunther Antonissen





ZOO AND WILDLIFE

- P37 High antimicrobial resistant *Escherichia coli* proportion detected in white storks (*Ciconia ciconia*)
Fernando González
- P38 Femoral head ostectomy (FHO) in two European hedgehogs (*Erinaceus europaeus*)
Filipa Loureiro
- P39 Agreement between esophageal thermometry and eye infrared thermography in Eurasian Eagle-owl (*Bubo bubo*)
Fernando González
- P40 Agreement between cloacal and esophageal thermometries in Griffon vultures (*Gyps fulvus*)
Fernando González
- P41 Presence of microplastics in the respiratory tract of White Storks (*Ciconia ciconia*)
Fernando González
- P42 Distal oesophageal sphincter stenosis in a pig (*Sus scrofa domesticus*) treated with endoscopic balloon dilatation
Laura Vilalta Solé
- P43 Exotic companion animals as reservoir of zoonosis and antimicrobial resistances. A One Health approach
José Villora González
- P44 Diagnosis of immune-mediated hemolytic anemia in a bottlenose dolphin: a case report
Sofia Carnezim
- P45 Atrial septal defects in the Slovenian resident lynx population
Pavel Kvapil
- P46 Removal of a nasal foreign body in a Kirk's Dik Dik (*Madoqua kirkii*)
Marta Bonfanti





SPONSORS

PLATINUM



SILVER



BRONZE



EXHIBITORS



SUPPORTERS



IMPROVED FORMULA



Critical Care® Herbivore Fine Grind

A FINER PARTICLE SIZE FOR
MORE FEEDING VERSATILITY



Some recovery and emergency cases require added versatility when it comes to delivering critical nutrition. Because of its smaller particle size, Critical Care® Herbivore Fine Grind is ideal for use with small and young patients.

BENEFICIAL FOR:

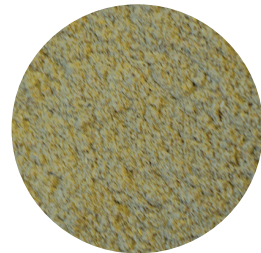
- Rabbits, Guinea Pigs, Chinchillas,
- Degus, Prairie Dogs, Wildlife, Iguanas,
- Tortoises, Herbivorous Avian Species,
- Other Herbivorous Mammals, and
- Other Herbivorous Reptiles

Flavoured with Papaya (EUN):

Size	UPC
100g	744845-970134

Flavoured with Papaya (EUS):

Size	UPC
100g	744845-970141



**RAW PRODUCT
TEXTURE**