ISTITUTO ZOOPROFILATTICO SPERIMENTALE DELLA SARDEGNA "G. PEGREFFI"

SOCIETÀ ITALIANA DELLE SCIENZE FORENSI VETERINARIE

IVFSA

V CONGRESSO ANNUALE SISFV

& XVII ANNUAL VETERINARY FORENSIC SCIENCE CONFERENCE

15 – 17 MAGGIO 2024

Hotel Regina Margherita

Cagliari

With the support of

SIMLA Società Italiana di Medicina Legale e delle Assicurazioni E DELLE SCIENZE FORENSI E CRIMINALISTICHE

FNOVI FEDERAZIONE NAZIONALE ORDINI VETERINARI ITALIANI

Società Italiana di Diagnostica di Laboratorio Veterinaria (S.I.D.I.L.V.)

aipvet

ORDINE DEI MEDICI VETERINARI DELLA PROVINCIA DI CAGLIARI

L'evento sarà valorizzato nel sistema SPC FNOVI

PROGRAM

15 MAGGIO

13:30 - 14:15 Opening remarks
Chair: **Orlando Paciello**
SALUTI ISTITUZIONALI
- **Rosario Fico -** *Presidente SISFV*
- **Kim Kendal -** *IVFSA President*
- **Giovanni Filippini** - *Direttore Generale IZS Sardegna*
- **Giuseppe Argiolas** - *Presidente Ordine Veterinari Cagliari*
- **Cap. Michele Ravaglioli** - *Centro Anticrimine Natura CC Cagliari*
- **Daniela Mulas** - *Direzione generale della Sanità, Regione Sardegna*

Chair: Kim Kendal - *Orlando Paciello - Giovanni Filippini*

14:15 - 14:55 **Lecture**: The forensic pathology certificate at ECVP
Speaker: **Anja Kipar**

14:55 - 15:15 Association of clinical and pathological findings with toxic agents involved in intentional animal poisoning cases
Speaker: **Giammarco Assirelli**

15:15 - 15:25 Anatomical pathological lesions found in animals killed by electrocution
Speaker: **Gianluca Miletti**

15:25 - 15:45 Forensic Necropsies and their 3D Illustration
Speaker: **Nanny Wenzlow**

15:45 - 16:00 Silo gas intoxication: A persistent cause of agricultural deaths
Speaker: **Jason Brooks**

16:00 - 16:30 **Coffee break**

16:30 - 17:00 Range, Caliber, and Firearm Effects on Gunshot Wound Characteristics in Canine Integument
Speaker: **Dalia Badamo**

17:00 - 18:30 Humane Societies Across the Globe Panel Discussion
Chair: **Kim Kendal**
Speakers: **Linda Fielder; Brad Nichols; Victoria Lomax; Elena Nalon**

20:00 - 21:30 **Welcome Reception**

16 MAGGIO

Chair: ***Laura Arena - Brad Nichols***

8:30 - 9:00 **Lecture**: Understand motivations for cruelty and its signs: the link
Speakers: **Francesca Sorcinelli; Irene Maja Nanni**

9:00 - 9:30 **Lecture**: Identification of animal abuse signs in cases of domestic violence
Speaker: **Leen Van Brantegem**

9:30 - 9:50 Forensic veterinary medicine supporting the LINK: when victims are wild animals
Speaker: **Rossana Cordon**

9:50 - 10:00 Animal abuse and its implication upon one health and public safety
Speaker: **Talia Missen Tremori**

10:00 - 10:45 Working with Law Enforcement
Speaker: **Brad Nichols**

10:45 - 11:15 **Coffee break**

Chair: ***Elisabetta Antuofermo – Linda Fielder - Alina Vale***

11:15 - 11:55 **Lecture**: Animal Cruelty In Factory Farm
Speaker: **Henrik Elvang Jensen**

11:55 - 12:25 The Fascinating World of Veterinary Forensics
Speaker: **Victoria (Vicki) Lomax**

12:25 - 12:45 Current State and Latest Achievements of Forensic Veterinary Medicine in Ukraine
Speaker: **Roman Kazantsev**

12:45 - 13:00 Case report: activities carried out by the local veterinary unit following the discovery of poisoned bait and following delegation from the judicial authority.
Speaker: **Guido Rosato**

13:00 - 14:30 **Lunch and IVFSA Business meeting**

Chair: *Giuseppe Piegari – Emily Lewis*

14:30 - 15:15 **Lecture**: International Animal Law – the judge perspective
Speaker: **Diana Russo**

15:15 - 15:35 Improving the management of animal poisoning events: a social study with stakeholders in north-eastern Italy
Speaker: **Marco Zago**

15:35 - 15:55 Wrongfully Accused - Alleged Equine Abuse and Doping in an International Equestrian Event
Speaker: **Alina Vale**

16:00 - 16:30 **Coffee break**

Chair: *Ciriaco Ligios – Kris Otteman*

16:30 - 17:10 **Lecture**: The EU legislation on animal welfare: its evolution and the main impacts at international level
Speaker: **Andrea Gavinelli**

17:10 - 17:30 Livestock Breeding and Animal Theft: Sardinian Case from Abigeato to Barricellari Law
Speaker: **Eleonora Brambilla**

17:30 - 17:40 Forensic evaluation of a dog's abuse: a pathology matter
Speaker: **Elisabetta Antuofermo**

17:40 - 18:00 Averted Cognitive Bias in Case of Iatrogenic Blunt Force Trauma
Speaker: **Alex Silber**

18:00 - 18:10 Animals as evidence: the human DNA harboured can assist criminal investigations
Speaker: **Heidi Monkman**

18:10 - 18:30 Who dunnit? Investigation on a dog bite attack
Speaker: **Mariana Roccaro**

20:00 **Gala dinner**

17 MAGGIO

Chair: *Nicola Pozzato - Tabitha Viner*

8:30 - 9:10 **Lecture**: The Application of Veterinary Forensics in One Health: Beyond the Link; Determining Cause of Death in Wildlife Forensic Investigations; Trends, Challenges, and Techniques
Speakers: Tabitha Viner, Rebecca Kagan

9:10 - 9:30 A multidisciplinary approach for the investigation of ivory and ivory substitutes in veterinary forensic pathology
Speaker: Ilaria d'Aquino

9:30 - 9:50 Veterinary Forensics in a Collection of Wildlife Crimes in the Greater Cape Town Area.
Speaker: Greg Simpson

9:50 - 10:05 Setting up wildlife Forensic Science procedures in France: context, implementation, and perspectives
Speaker: Karin Lemberger

10:05 - 10:15 Flying through gunshots: spatial and temporal trends of raptor poaching in Central Italy
Speaker: Alice Ranucci

10:15 - 10:45 DNA-based identification of big cats and related artifacts in the Czech Republic
Speaker: Daniel Vanek

10:45 - 11:15 **Coffee break**

Chair: *Letizia Ceglie – Rebecca Kagan*

11:15 - 11:45 **Lecture**: Veterinary Forensic pathology in the UK. 10 years experience, overview of caseload and future developments
Speaker: Emanuele Ricci

11:45 - 12:05 Forensic protocol for the diagnostic investigation of puppies dead following illegal importation into European countries
Speaker: Giuseppe Piegari

12:05 - 12:15 Case Report: Utilization of Veterinary Forensic Pathology to Ascertain Cause of Death in Complex Case
Speakers: Ashlee McDonald, Lorelei Clarke

12:15 - 12:45 Characterization of Post Mortem Trauma After Fall from Heights in Dogs and Cats

Speaker: **Taina Rodriguez**

12:45 - 12:55 Empowering veterinary forensic outcomes by ambient mass spectrometry: a forensomic approach for the estimation of post-mortem interval (PMI)

Speaker: **Carmela Zacometti**

12:55 - 13:05 Neglect in Grooming Establishment - Dog's Death due to Heat Strike: Case Report

Speaker: **Talia Missen Tremori**

13:05 - 13:15 **Closing remarks**

14:30 - 17:00 **City tour (optional)**

14 MAGGIO WORKSHOP

9:00 - 17:00

VETERINARY CSI FOR BEGINNERS - *FROM THE FIND TO THE FINAL VERDICT?*

Participants: vets, police, humane societies personnel (n=30)

09:00-12:30:
Explore the crime scene (in the park)
(Teachers: **Linda Fielder** & **Victoria Lomax**)

· Witness
· Photos
· Sample collection
· Evidence collection
· Radiographs

12:30-13:30:
Lunch break

13:30-15:00:
The forensic necropsy: technique and cases discussion
(Teacher: **Lorenzo Ressel** & **Udo Hetzel**)

• Clinical History
• Procedure
• Description
• Interpretation
• Real cases description

15:00-15:30:
The case report (Standard for Veterinary Forensic Postmortem Examination)
(Teacher: **Lorenzo Ressel**)

15:30-15:45
Coffee Break

15:45-17:00
The expert witness in the courts
(Teacher: **Orlando Paciello** & **Victoria Lomax**)

COMITATO ORGANIZZATORE/ORGANIZING COMMITEE

GIUSEPPE ARGIOLAS	Presidente dell'Ordine dei Medici Veterinari della provincia di Cagliari - Italy
DONATELLA FAZZARI	Vice Presidente SISFV – Medico Veterinario Libero Professionista, Firenze - Italy
LINDA FIELDER	Animal Cruelty Investigations Manager Cocati, California – United States
SIMONE IOVINO	Segretario/Tesoriere SISFV
REBECCA KAGAN	Veterinary Forensic Pathologist at US Fish and Wildlife Service – Oregon – United States
KIM KENDAL	IVFSA President, Veterinary Nurse at Cave Veterinary Specialists Ltd - Australia
EMILY LEWIS	Necropsy Intern at C. E. Kord Animal Health Diagnostic Laboratory Columbia, Tennessee - United States
BRAD NICHOLS	Director of Enforcement and Vice Executive Director at Calgary Humane Society - Canada
KRIS OTTEMANN	Charter Member of IVFSA
ORLANDO PACIELLO	Past President SISFV – Professore di patologia generale e anatomia patologica veterinaria – Napoli -Italy
DAVIDE PINTUS	Istituto Zooprofilattico della Sardegna - Italy
NICOLA POZZATO	Istituto Zooprofilattico delle Venezie - Italy
FABIO SCHIRRU	Segretario Regionale della Sardegna SISFV - Italy
TABITHA VINER	Veterinary Forensic Pathologist at National Fish and Wildlife Forensics Laboratory Ashland, Oregon - United Stated

COMITATO SCIENTIFICO/SCIENTIFIC COMMITTEE

LETIZIA CEGLIE	Istituto Zooprofilattico delle Venezie - Italy
LINDA FIELDER	Animal Cruelty Investigations Manager Cocati, California – United States
MARCO GOBBI	Istituto Zooprofilattico dell'Umbria e delle Marche - Italy
REBECCA KAGAN	Veterinary Forensic Pathologist at US Fish and Wildlife Service, Oregon – United States
GIANLUCA MILETTI	Istituto Zooprofilattico del Mezzogiorno - Italy
BRAD NICHOLS	Director of Operation and Enforcement in Calgary Human Society – Canada
KRIS OTTEMANN	Charter Member of IVFSA, Oregon -United States

PIETRO RICCABONI	Professore associato di Patologia Generale e Anatomia Patologica Veterinaria, Milano - Italy
RANIERI VERIN	Professore Associato in Patologia Veterinaria, Padova - Italy
TABITHA VINER	Veterinary Forensic Pathologist at National Fish and Wildlife Forensics Laboratory Ashland, Oregon - United Stated

COMITATO D'ONORE/HONOUR COMMITTEE

ENRICO P.L. DE SANTIS	Direttore Dip Medicina Veterinaria Università degli Studi di Sassari
NICOLA D'ALTERIO	Direttore Generale Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise
GIOVANNI FILIPPINI	Direttore Generale Istituto Zooprofilattico Sperimentale della Sardegna
ANTONIO LIMONE	Direttore Generale Istituto Zooprofilattico Sperimentale del Mezzogiorno
DANIELA MULAS	Direttore del Servizio Sanità pubblica veterinaria e sicurezza alimentare - Direzione generale della Sanità, Regione Sardegna

Anche quest'anno la Società Italiana delle Scienze Forensi Veterinarie ha scelto uno scenario stupendo per celebrare il suo V Congresso Annuale: Cagliari. Questa volta lo farà in collaborazione e sinergia con l'International Veterinary Forensic Sciences Association che quest'anno si riunirà per il suo XVII Congresso Internazionale, l'Istituto Zooprofilattico Sperimentale della Sardegna "G.Pegreffi", e con patrocinio dell'Ordine dei Medici Veterinari della Provincia di Cagliari, della Federazione Nazionale Ordini Veterinari italiani e della Società Italiana Medicina legale e delle assicurazioni, l'Associazione Italiana Patologi Veterinari e la Società Italiana di Diagnostica di Laboratorio Veterinaria.

Sarà un importante momento di condivisione e confronto scientifico su una branca della Medicina Veterinaria in pieno fermento e di cui le Autorità Competenti si servono sempre più spesso. Con lo sguardo all' insù ad ammirare i famosi fenicotteri rosa, che proprio tra maggio e giugno tingeranno di rosa stagni e zone paludose sparse intorno a Cagliari, si farà il punto sui più recenti studi internazionali in tema di maltrattamento animale, fenomeno Link, patologia forense veterinaria, normative internazionale in materia di traffico di cuccioli ed animali selvatici, avvelenamenti, e maltrattamento genetico. Inoltre il 14 maggio si terra un interessante Workshop che tratterà in particolare la gestione pratica dei casi forensi, dalla scena del crimine alla sentenza definitive. Per Info ed iscrizioni visita il sito www.sisfv.it/congresso/

Also this year Società Italiana delle Scienze Forensi Veterinarie chose a wonderful setting to celebrate its V Annual Congress: Cagliari. But this time it will be in collaboration and synergy with the International Veterinary Forensic Sciences Association, which will meet this year for its XVII International Congress, and Istituto Zooprofilattico Sperimentale della Sardegna "G. Pegreffi", and with the patronage of l'Ordine dei Medici Veterinari della Provincia di Cagliari, of Istituto Zooprofilattico della Sardegna and of Federazione Nazionale Ordini Veterinari italiani, Società Italiana Medicina legale e delle assicurazioni and the Associazione Italiana Patologi Veterinari and Società Italiana di Diagnostica di Laboratorio Veterinaria.

It will be an important moment of sharing and scientific discussion on a branch of Veterinary Medicine that is in full ferment and which the Competent Authorities are using more and more often. Looking upwards to admire the famous pink flamingos, which just in May and June will tint of pink ponds and marsches around Cagliari, we will take stock of the most recent international studies about animal abuse, the Link phenomenon, pathology veterinary forensics, international law regarding trafficking of puppies and wild animals, poisoning, and genetic mistreatment.

Morover on 14 May will be held an interesting Workshop that will deal in particular the forensic case management, from the animal crime scene to the final sentence. Application procedures, info and full program of the courses are available on the website www.sisfv.it/congresso/

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