

Evento Formativo

## NEUROLOGIA VETERINARIA

- Programma
- Razionale
- Curriculum Vita e Corpo Docente

Sede	Città	Data
Aula magna dipartimento di Medicina Veterinaria	Perugia	21/03/2026
<b>Obiettivo nazionale di riferimento</b>		
24	Sanità veterinaria, attività presso gli stabulari. Sanità vegetale	

# Programma

1° giorno	ore totali di formazione	7.00	Ore con interattività:	0.00	Inizio ore	8.00
Durata/orario	Contenuti	Tipologia	Docenti	Interattività		
8.00	<b>Apertura dell'evento formativo:</b> Adempimenti per i partecipanti e saluti istituzionali					
I Sessione						
8:30	L'esame neurologico per il veterinario generalista: cosa è cruciale sapere.	<i>Serie di relazione su tema preordinato</i>	C. Falzone			
9:30	Localizzazione della lesione nel paziente spinale	<i>Presentazione di casi clinici</i>	C. Falzone			
10:30	<i>Coffe Break</i>					
11:00	Localizzazione della lesione nel paziente intracranico	<i>Presentazione di casi clinici</i>	C. Falzone			
12:00	Il paziente spinale acuto: focus sulle ernie del disco	<i>Serie di relazione su tema preordinato</i>	C. Falzone			
12:30	<i>Pranzo</i>					
13:45	Il paziente spinale acuto: oltre le ernie del disco	<i>Serie di relazione su tema preordinato</i>	C. Falzone			
14.30	Approccio razionale per il paziente epilettico	<i>Serie di relazione su tema preordinato</i>	C. Falzone			
14:50	Terapia di mantenimento	<i>Serie di relazione su tema preordinato</i>	C. Falzone			
15.15	<i>Adempimenti fine corso</i>					
18.00	<i>Chiusura corso</i>					

## DESTINATARI DELL'AZIONE FORMATIVA

Professione	Specializzazione
Medico Veterinario	<i>Sanità animale</i>

## FACULTY

<u>Nome e cognome</u>	<u>Struttura operativa</u>	<u>Titolo studio</u>	<u>Specializzazione</u>	<u>Qualifica professionale/scientifica</u>	
Dott. Alberto Cauduro	Centro veterinario Neurovet - Legnano (MI),	Veterinario	Area A: Sanità Animale		D

## RAZIONALE

Le patologie che colpiscono il Sistema neuronale nell'animale sta offrendo sempre più delle affascinanti prospettive nell'analisi comparata di malattie e comportamenti.

La conoscenza di queste patologie diventa – al di là delle possibilità legate allo studio – diventa un element imprescindibile del veterinario per dare risposta alla domanda di assistenza verso I pet

## *CURRICULUM VITAE*

***Cristian Falzone***  
**Doctor of Veterinary Medicine, Diplomated European College Veterinary Neurology**  
Italy

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*E-mail:*

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## **CURRICULUM VITAE**

Born in

M. D., University of Perugia, Italy (July 2001), in Veterinary Medicine  
Dissertation: “Locomotive Disorders of Sporting Dogs”

Dipl. ECVN, University of Bern, Switzerland (September 2007)

## **WORK EXPERIENCE**

Assistant Veterinarian at the “Clinica Euroveterinaria”, Bettona, Perugia, Italy  
(July 2001- April 2003)

Hands-on experience in Internal Medicine, Dermatology, Ophthalmology, Anaesthesia, Surgery and Neurology.

Familiarity with the basic diagnostic instruments

Assistant Veterinarian at the “Clinica Veterinaria”, Arezzo, Italy  
(September 2001-August 2003)

Hands-on experience in Internal Medicine, Dermatology, Ophthalmology, Anaesthesia, Surgery and Neurology.

Familiarity with the basic diagnostic instruments

External Collaborator at the “Department of Veterinary Surgery” at the Faculty of Veterinary Medicine of Perugia, Italy

(September 2001-December 2003)

Hands-on experience in Surgery and Neurology.

Familiarity with the use of CT scan

Assistant Veterinarian at the “Vetcare Animal Clinic”, San Gwann, Malta

(August 2003- October 2003)

Hands-on experience in Surgery and Neurology.

Resident in Veterinary Neurology (Non Conforming Program, Direct Supervised Training) at the “Valdinievole Veterinary Clinic”, Monsummano Terme, Italy

(January 2004- January 2007)

Neurology and neurosurgeon Specialist and Neuroimaging practitioner at the “Valdinievole Veterinary Clinic”, Monsummano Terme, Italy  
(October 2007 to Feb 2010)

Neurology and Neurosurgeon Specialist at the “Davies Veterinary Specialists”, Higham Gobion, UK  
(March 2010 to April 2012)

Head of Neurology and Neurosurgery department at the “Small Animal Diagnostics”, Zugliano (VI), Italy  
(July 2012 to date)

External Neurology and Neurosurgery Collaborator for other 4 private veterinary clinics, in Italy and abroad  
(January 2015 to date)

### **WORK EXPERIENCE, EXTRA**

President of Italian veterinary neurology Society

Director of Italian Neuro-imaging course

Co-Director of Italian Neuro-surgery course

### **CONTINUING PROFESSIONAL DEVELOPMENT**

#### **Personal ORAL PRESENTATIONS**

“XVI Incontro SINVet”  
“Two cases of Hydrosyringomyelia”  
(Cremona, Italy, 21 November 2004)

“Neurology Meeting”  
“MRI in a cat with Brachial Plexus injury”  
(University of Bologna, Italy, 28 January 2005)

“Itinerario di Neurologia”  
“PNS Localization”  
(Cremona, Italy, 3-5 March 2005)

“XVII Incontro SINVet”  
“MRI of an intracranial mass in a young Dogue de Bordeaux”  
(Cremona, Italy, 6 March 2005)

“Neurology Meeting”  
“MRI in a cat with a cerebello-medullary mass of unknown nature”  
(University of Bologna, Italy, 24 June 2005)

“Neurology Meeting”  
“Forebrain vs Brainstem”  
(University of Bologna, Italy, 14 October 2005)

“XVIII Incontro SINVet”  
“MRI characteristics of a sciatic nerve tumor”  
(Cremona, Italy, 27 November 2005)

“XIX Incontro SINVet”  
“Nephroblastoma in a Bernese Mountain Dog: clinical and MRI characteristics”  
(Cremona, Italy, 5 March 2006)

“52 Congresso Nazionale SCIVAC”  
“Toxoplasma cerebral granuloma in a cat”  
(Rimini, Italy, 20 May 2006)

“19<sup>th</sup> ESVN Annual Symposium 2006”  
“Contrast enhanced-FLAIR Vs Contrast enhanced-SE T1 WI at low field strength:  
evaluation of 46 cases with different brain disorders”  
(Barcellona, Spain, 29-30 September 2006)

“Incontro SINVet-SIOVet”  
“A modern approach to an old problem: cauda equina syndrome”  
(Cremona, Italy, 22 April 2007)

“MRI: advances in veterinary Medicine 2007”  
“MRI in disc extrusion: evaluation of 345 cases”  
(Elba Island, Italy, 20 May 2007)

“53 Congresso Nazionale SCIVAC”  
“Discospondylitis: clinical correlation with MRI”  
(Rimini, Italy, 1 June 2007)

“Incontro SINVet”  
“Acute polyneuropathy: are they always idiopathic?”  
(Cremona, Italy, 2 March 2008)

“Congresso Nazionale SCIVAC”

“Challenging Neuro-cases”  
(Rimini, Italy, May 2008)

“Incontro SINVet-SOVI”  
“MRI in neuro-ophtalmological problems”  
(Cremona, Italy, 22 November 2008)

“Itinerario di Neurologia”  
“Muscle & Nerve biopsy”  
(Cremona, Italy, 22 January 2009)

“Congresso Nazionale SCIVAC”  
“Therapy of Bacterial Discospondylitis”  
(Rimini, Italy, 29 May 2009)

“Congresso Nazionale SCIVAC”  
“Specialistic Workshop: tricks and pitfalls in dogs MRI”  
(Rimini, Italy, 30 May 2009)

“Annual Meeting of Spanish Surgery Society”  
“Spinal cord diseases: is MRI the gold standard?”  
(Caceres, Spain, 07 November 2009)

“Annual Meeting of Spanish Surgery Society”  
“MRI in brain diseases”  
(Caceres, Spain, 07 November 2009)

“Annual Meeting of Spanish Surgery Society”  
“Disc protrusion & extrusion in large breed dogs:  
an update on surgical treatment ”  
(Caceres, Spain, 08 November 2009)

“Patologie neurologiche comuni nella pratica clinica: il paziente paraparetico e quello epilettico”  
(Nervi (GE), Italy, 11 April 2010)

Veterinary Diagnostic Imaging Advanced Course  
“Lumbosacral stenosis and caudal cervical spondilomyelopathy: MR diagnostic possibilities”  
(Bologna, Italy, 17-18 July 2010)

Veterinary Neuroscience & Advanced Clinical Neurology/Neurosurgery Course  
“Advanced Diagnostic Imaging of Inflammatory Diseases”  
“Interactive cases: diagnostic imaging”  
(Bologna, Italy, 19-30 July 2010)

“Patologie neurologiche comuni nella pratica clinica: il paziente paraparetico e quello epilettico”  
(Bari, Italy, 21 November 2010)

“Pain in the neck”  
(Higham Gobion, United Kingdom, 25 November 2010)

“Patologie neurologiche comuni nella pratica clinica: il paziente paraparetico e quello epilettico”  
(Pescara, Italy, 5 December 2010)

“Pathophysiology, Diagnosis and Treatment of Spinal Cysts”  
(Cremona, Italy, 27 February 2011)

“Patologie neurologiche comuni nella pratica clinica: il paziente paraparetico e quello epilettico”  
(Catania, Italy, 20 March 2011)

MRI International specialistic workshop  
“MRI in Central Nervous System Malformation”  
“MRI in Caudal Cervical Spondylomyelopathy”  
(Cremona, Italy, 14-16 April 2011)

“The Paretic Patient: Spinal cord vs Periheral Nervous System disorders”  
(Matera, Italy, 17 April 2011)

“The Paretic Patient: Spinal cord vs Periheral Nervous System disorders”  
(Brescia, Italy, 15 May 2011)

National Veterinary Congress  
“Challenging clinical cases: what to do”  
(Rimini, Italy, 28 May 2011)

Annual Meeting of the European Society of Veterinary Surgery  
“Lumbosacral Spine: surgical decision making”  
“Lumbosacral Spine: decompression & stabilization”  
(Ghent, Belgium, 8 July 2011)

International MRI Meeting  
“MRI in inflammatory brain disorders”  
“MRI in Spinal Cysts”  
(Miami, 9-11 September 2011)

Annual Meeting of the European Society of Veterinary Physiotherapy  
“The paretic patient: where and what is the problem?”  
“Diagnosis and Treatment of different causes of Paresis”  
(Warsaw, Poland, 16-17 September 2011)

“Patologie neurologiche comuni nella pratica clinica: il paziente paraparetico e quello epilettico”  
(Treviso, Italy, 13 November 2011)

“White Shaker and other Tremors”  
(Cremona, Italy, 26-27 November 2011)

“Introductive course to Veterinary Neurology”  
(Milan, Italy, 04-05 February 2012)

National Course: Brain and Cranial nerve disorders  
“MRI in Brain Inflammatory Disorders”  
“MRI in Brain Congenital Anomalies”  
“MRI in Brain Neoplasia”

(Cremona, Italy, 14-17 February 2012)

“Intracranial vascular diseases: only CVA?”

(Cremona, Italy, 25-26 February 2012)

National Veterinary Congress

“Myelography, CT and MRi in the diagnosis of spinal disease: have they the same value?”

(Rimini, Italy, 08-10 June 2012)

“1<sup>st</sup> National Course of Spinal Diseases”

(Hong Kong, China, 16-19 October 2012)

“Imaging in Feline brain diseases”

(Cremona, Italy, 01-02 December 2012)

“Introductory course to Veterinary Neurology”

(Florence, Italy, 02-03 February 2013)

“Head tilt and other cranial nerves disorders: when are they really emergencies?”

(Cremona, Italy, 02-03 March 2013)

“Diagnostic Imaging nowadays: Role of MRI in the diagnosis of brain diseases”

(Milan, Italy, 22-24 March 2013)

“1<sup>st</sup> Italian course of spinal surgery”

(Cremona, Italy, 19-21 April 2013)

Annual Meeting of the European Society of Veterinary Physiotherapy

“Common neurological disorders in the geriatric patient”

(Rimini, Italy, 31 May 2013)

National Veterinary Congress

“Neurology for practitioners through the clinical cases”

“Common neurological disorders in brachycephalic dogs”

(Rimini, Italy, 01-02 June 2013)

Annual Meeting of the European Society of Veterinary Diagnostic Imaging

“Old and new concepts in veterinary MRI”

(Cascais, Portugal, 30 August-01 September 2013)

Annual Meeting of Italian Society of Veterinary Physiotherapy and rehabilitation

“Pathogenesis of spinal trauma”

“First aid in spinal trauma and diagnostic procedure”

“Treatment of spinal patient: how many options?”

(Cremona, Italy, 06 October 2013)

“Primary vs Secondary epilepsy: where’s the line?”

(Cremona, Italy, 30 November-01 December 2013)

2014

January 22nd, Mestre: MRI and CT in the neurological patient  
March 23rd, Cremona: Scratching and Chiari-like malformation  
April 8th, Verona: Management of the epileptic patient  
15-17 April, Cremona: Spinal Surgery Course  
August 9-10, Bologna: MRI of spinal and nerve root tumors  
1-3 October, Cremona: Differential diagnosis in spinal diseases  
November 21-22, Montecatini Terme: Advanced Course of veterinary MRI  
November 29-30: SINVet, Cremona

2015

January 12, Veterinary University of Perugia: localization of the lesion and differentials in the neurological patient  
2-5 February, Cremona: Meningoencephalitis of unknown etiology  
March 21-22, Cremona: Pain and spinal diseases management  
March 27-29, Verona: International congress: Progress in neuro-MRI  
September 26-27, Mestre: Spinal and Brain Tumors in cats  
1st October, Milan: Management of primary epileptic patient  
28-29 November, Cremona: Spinal anomalies  
12-13 December, Perugia: MRI in the most common neurological diseases

2016

January 12, Veterinary University of Perugia: localization of the lesion and differentials in the neurological patient  
13-14 May, Sicily: What can we get from repeat MRI  
May 27-29, Rimini: MRI in inflammatory brain diseases  
9 June, Cremona: most common tumors of the nervous system  
6-8 July, Cremona: Neurosurgery course

10-11 September, Genoa: Introductive course to neurology

October 8-9, Cremona: Pain and meningitis

October 28-30, Arezzo: fractures and vertebral luxations

November 5, Milan: International Physiotherapy Course: Spinal Diseases in sportive dogs

2017

January 15th, Massa: Management of acute disc diseases

February 4-5th, Naples: Spinal diseases in cats

February 14, Veterinary University of Turin: MRI in the neurological patients

March 4-5, Cremona: Diagnosis and treatment of Peripheral nerve sheath tumors

May 26-28, Rimini: Cerebral infarcts

10-12 July, Cremona: : MRI course for practitioners

October 27-29, Arezzo: Chiari-like malformation

November 25th-26th, Cremona: Tail chasing and head bobbing

2018

25th February, Cremona: Diagnosis and treatment of Wobbler syndrome

10-11 March, Milan: Epilepsy for general practitioners

14-15 April, Bologna: comparison of two surgical techniques in wobbler's treatment

18-19 May, Puglia: MRI in lumbosacral OCD

June 15, Riccione: Neurological disease and link with the gastro-intestinal system

August 4-5, Bologna: International Veterinary Surgery Course

November 9-10, Rome: Management of acute neurological patient

**Seminars, Congresses, Courses Attended:**

“Nuovi compiti e prospettive nella professione del Medico Veterinario”  
(Perugia, Italy, 30 November 2001)

“Dalla dermatologia alla chirurgia: le patologie dell’orecchio”  
(Perugia, Italy, 16-17 February 2002)

“44° Congresso Nazionale SCIVAC”  
(Milan, Italy, 16-19 May 2002)

“45° Congresso Nazionale SCIVAC- Approccio diagnostico strumentale agli apparati respiratorio, digerente e genito-urinario”  
(Perugia, Italy, 25-27 October 2002)

“La neurologia nella clinica dei piccoli animali”  
(Perugia, Italy, 15-16 February 2003)

“Gastroenterologia nel cane e nel gatto”  
(Perugia, Italy, 22-23 February 2003)

“46° Congresso Nazionale SCIVAC”  
(Milan, Italy, 8-11 May 2003)

“Le malattie endocrine dal punto di vista dermatologico e dell’internista”  
(Perugia, Italy, 21-22 June 2003)

“XV Incontro SINVET”  
(Cremona, Italy, 22-23 November 2003)

“La Neurologia nell’ambulatorio del veterinario pratico”  
(Genova, Italy, 15 February 2004)

“Corso Base di Neurologia”  
(Perugia, Italy, 25-28 March 2004)

“47° Congresso Nazionale SCIVAC”  
(Rimini, Italy, 27-30 May 2004)

“17<sup>th</sup> ESVN Annual Symposium 2004”  
(Glasgow, Scotland, 24-25 September 2004)

“Aggiornamenti in Neurologia Felina”  
(Cremona, Italy, 20-21 November 2004)

“I Tumori delle Guaine dei Nervi Periferici”  
(Perugia, Italy, 15 April 2005 )

“MRI: Low Field vs High Field”  
(Bern, Switzerland, 30 April- 01 May 2005)

“MRI in Veterinary Medicine”  
(Pisa, Italy, 13-15 May 2005)

“50° Congresso Nazionale SCIVAC”  
(Rimini, Italy, 27-29 May 2005)

“18<sup>th</sup> ESVN Annual Symposium 2005”  
(Munich, Germany, 23-24 September 2005)

“Esame Neurologico e Neurologia del Cavallo”  
(Torino, Italy, 11 November 2005)

“Il dolore in Neurologia Veterinaria”  
(Cremona, Italy, 26 November 2005)

“CT e MRI: applicazioni in neurologia veterinaria”  
(Cremona, Italy, 4-5 March 2006)

“52° Congresso Nazionale SCIVAC”  
(Rimini, Italy, 19-21 May 2006)

“Veterinary MRI of the Nervous System”  
(Raleigh, North Carolina, 22-23 July 2006)

“Veterinary Neuroscience & Advanced Neurology/Neurosurgery”  
(Raleigh, North Carolina, 24 July - 4 August)

“19<sup>th</sup> ESVN Annual Symposium 2006”  
(Barcellona, Spain, 29-30 September 2006)

“La diagnostica per immagini avanzata nelle patologia del Sistema Nervoso Centrale”  
(Cremona, Italy, 25-26 November 2006)

“20<sup>th</sup> ESVN Annual Symposium 2007”  
(Bern, Switzerland, 28-29 September 2007)

“Corso Partico: Vie d’accesso e tecniche di riduzione in ortopedia veterinaria”  
(Cremona, Italy, 06-08 March 2008)

“Corso Partico di Fissazione esterna”  
(Cremona, Italy, 05-07 June 2008)

“21<sup>th</sup> ESVN Annual Symposium 2008”  
(Rhodos, Greece, 26-27 September 2008)

“Corso Partico di Osteosintesi Interna, AO-ASIF”  
(Cremona, Italy, 08-11 October 2008)

“22<sup>th</sup> ESVN Annual Symposium 2009”  
(Bologna, Italy, 26-27 September 2009)

“Ernie discali in medicina veterinaria: a che punto siamo?”  
(Cremona, Italy, 27-28 February 2010)

“ACVIM Annual Meeting”  
(Anaheim, California (US), 9-12 June 2010)

“24<sup>th</sup> Annual Meeting of European Society of Veterinary Neurology”

(Trier, Germany, 22-24 September 2011)

“25<sup>th</sup> Annual Meeting of European Society of Veterinary Neurology”  
(Ghent, Belgium, 13-15 September 2012)

“26<sup>th</sup> Annual Meeting of European Society of Veterinary Neurology”  
(Paris, France, 26-28 September 2011)

“Mri user meeting”, Zurich  
30 April - 1 May 2016

“ACVIM Annual Meeting”  
(Seattle, Washington (US), 12-15 June 2013)

“ACVIM Annual Meeting”  
(Washington DC, (US), 07-10 June 2017)

### **Continuing Neurology Training (abroad):**

-Royal (Dick) School of Veterinary Studies, Large Animal Hospital  
University of Edinburgh, 1-19 May 2006

-Neurology Department, Tierspitall Bern  
University of Bern, 18 June-18 July 2006

-College of Veterinary Medicine, NC State University  
Raleigh, North Carolina, 22 July – 4 August 2006

### **Published Papers and Books**

As first author:

“Magnetic Resonance Imaging in the diagnosis of disc extrusions: evaluation of 345 cases”  
Veterinaria, Anno 20, n. 6, December 2006

“Contrast-enhanced fluid attenuated inversion recovery Vs Contrast-enhanced Spin Echo T1-  
Weighted Brain Imaging”  
Veterinary Radiology & Ultrasound, Vol. 49, No. 4, 2008, pp 333–338.

“Toxoplasma gondii brain granuloma in a cat: diagnosis using cytology from an intraoperative  
sample and sequential magnetic resonance imaging”  
Journal of Small Animal Practice (2008) 49, 95–99

“Blindness and Behavioural changes in the cat: common neurological causes”

Journal of Feline Medicine & Surgery (2011) Vol 13, Issue 11, 863-873

Canine acute cervical myelopathy: Hydrated nucleus pulposus extrusion or intraspinal discal cysts?  
Veterinary Surgery Feb 2017

“Encephalopathy due to abnormal energy metabolism”, book’s chapter in Kirk’s, Current Veterinary  
Theapy. ELSEVIER, 2014

As co-author:

“Endogenous stem and precursor cells for demyelinating diseases: an alternative for  
transplantation?”  
Neurological Research, 2006, 28, pp. 513 – 517

“Matrix metalloproteinase-2 and matrix metalloproteinase-9 expression in canine and feline  
meningioma”  
Vet Pathology, 2009 Sep; 46(5):836-45.

“Radiology, computed tomography and magnetic resonance in multiple myeloma of the dog.  
Personal caseload and review of the literature”, Veterinaria 2011

“Clinical aspects and magnetic resonance imaging secondary to intracranial hemorrhage in a dog  
with Angiostrongylus vasorum infection”, Veterinaria Dec 2013

“Dorsal midbrain syndrome associated with persistent neck extension: Clinical and diagnostic  
imaging findings in 2 dogs”  
The Canadian veterinary journal. Dec 2015

“Magnetic resonance imaging, treatment and outcome of canine vertebral chondrosarcomas. Six  
cases”  
Journal of Small Animal Practice, Sep 2016

“Neuroaxonal Dystrophy and Cavitating Leukoencephalopathy of Chihuahua Dogs”  
Veterinary Pathology Jun 2017

“Canine Cerebral Intravascular Lymphoma: Neuropathological and Immunohistochemical  
Findings”  
Veterinary Pathology Oct 2018

### **MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

SCIVAC (Italian Society of Companion Animals)

SINVET (Italian Society of Veterinary Neurology), PRESIDENT on charge

ESVN (European Society of Veterinary Neurology)