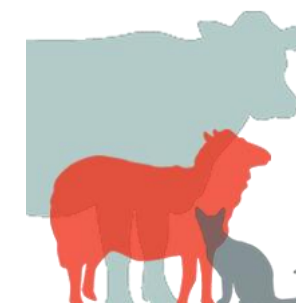


THEORETICAL AND PRACTICAL COURSE  
**VETERINARY NEUROPATHOLOGY  
AND NEUROMUSCULAR DISEASES**



**TURIN Italy**  
**14-17 FEBRUARY**  
**2017**

With the collaboration of:



Università  
degli Studi di Torino  
Dipartimento di  
Scienze Veterinarie



**AIM OF THE COURSE**

The course aims to provide a basic training about the major neurological and neuromuscular diseases of livestock and pets with the support of national and international experts in the field of veterinary pathology. In particular, the focus of the course will be on how to do a correct diagnosis of diseases that involve the central nervous system, muscles and peripheral nerves, starting from the neurological examination and MRI up to how to do the sampling for histopathological examination. During the lectures, the principal macroscopic and pathognomonic histological lesions, will be described, in order to help the pathologist to do a correct differential diagnosis. The course will also include practical parts with interactive readings of histological samples by light microscopy.

**CONDITIONS**

The course will take place with theoretical and practical lessons, through the use of single and multiple light microscopes and showing cases on a screen. Participants are also invited to send to the organizing committee some interesting cases that can be discussed during the course.

**RECIPIENTS**

Medical doctor, Veterinarians and biologists, up to a maximum of 30 participants. Waiting for Italian Ministry of Health CME credits.

**REGISTRATION**

Registration forms must be sent to the Organizing secretariat by e-mail, with a copy of the payment.

The registration fee includes:

- participation to theoretical and practical lessons
- teaching material
- buffet lunch

**LANGUAGE**

The lectures will be held in Italian or English depending on the nationality of the teacher. Simultaneous translation service.

**VENUE**

**First day:** Dipartimento di Scienze veterinarie (Aula Ospedale 1) Largo Braccini 2, Grugliasco (Torino), Italy.

**Following days:** Istituto Zooprofilattico del Piemonte, Liguria e Valle d'Aosta (Sala Conferenze), Via Bologna 148, Torino, Italy.

THEORETICAL AND PRACTICAL COURSE

**VETERINARY NEUROPATHOLOGY  
AND NEUROMUSCULAR DISEASES**

REGISTRATION

Please fill this form in all its parts and send it by e-mail with a copy of the payment to:

e-mail: [daniela.passalacqua@izsto.it](mailto:daniela.passalacqua@izsto.it)

**Please, fill this form in block letters:**

Last Name.....

First name.....

Academic degree:

- medical doctor  veterinarian  biologist

Tax Code (only for Italians) .....

Institute/University .....

Address .....

Post code ..... City ..... Country .....

Telephone ..... Fax .....

E-mail .....

**I will attend the course and I will pay the fee:**

€ 610,00 (€ 500,00+ VAT 22%) until November, 30<sup>th</sup> 2016

€ 732,00 (€ 600,00+ VAT 22%) after November, 30<sup>th</sup> 2016

€ 366,00 (€ 300,00+ VAT 22%) for students/research fellows

Payment by **Bank transfer** to: Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta

Reason: NEUROPATHOLOGY COURSE + Last name of the participant

**Payment by private entities:**

**IBAN: IT49T0103001003000000960775**

M.P.S. Ag. n. 3 Torino – BIC: PASCITM1TO3

**Payment by public authorities:**

Giro of funds on special accounts with the Bank of Italy n. 34215

**The invoice will be made out to:**

Organization/Company/Dr .....

Address .....

VAT number .....

**Privacy:** Pursuant to the Italian Privacy Law 196/03, please be informed that your personal data will be processed confidentially by Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta.

- I agree to these terms (mandatory)

**Signature** .....

## PROGRAMME

### FEBRUARY 14 (Dipartimento Scienze Veterinarie)

**08:00 – 08:30** Registration

**08:30 – 09:00** Introduction to CNS anatomy

*A. Merighi*

**09:00 – 10:30** Neurological examination

*A. D'Angelo*

**10:30 – 11:00** Break

**11:00 – 12:00** Macroscopic evaluation and classification of CNS lesions

*C. Cantile*

**12:00 – 13:00** Introduction to MRI

*C. Falzone*

**13:00 – 14:00** Lunch

**14:00 – 15:00** Basics on structural neuropathology

*M.T. Capucchio*

**15:00 – 17:00** Practical session: collection of brain, spinal cord, muscles and nerves

*C. Cantile - M.T. Capucchio - B. Iulini -*

*E. Biasibetti*

### FEBRUARY 15 (Istituto Zooprofilattico)

**08.30 –10.30** Vascular and traumatic lesions

*C. Cantile*

**10.30 –11.00** Break

**11.00 –13.00** Neuroinflammation.

Infectious, inflammatory (Viruses, Bacteria, Helminths, Protozoa, Fungi) and autoimmune diseases

*M. Pumarola*

**13.00 – 14.00** Lunch

**14.00 – 17.00** Slide session I

*C. Cantile - M. Pumarola*

### FEBRUARY 16 (Istituto Zooprofilattico)

**08.30 – 10.30** Development disorders and neoplastic diseases

*M. T. Mandara*

**10.30 – 11.00** Break

**11.00 – 13.00** Degenerative and metabolic-toxic diseases

*M. Vandavelde*

**13.00 – 13.30** Pathology of the aging

*M.T. Capucchio - E. Vallino Costassa*

**13.30 – 14.30** Lunch

**14.30 – 15.00** Prion diseases

*C. Casalone*

**15:00 – 17:30** Slide session II

*Vandavelde - Casalone - Mandara*

### FEBRUARY 17 (Istituto Zooprofilattico)

**08.30 – 10.30** Approaching muscles diseases

*K. Matiasek*

**10.30 – 11.00** Break

**11.00 – 13.00** Approaching peripheral nerve diseases

*K. Matiasek*

**13.00 – 14.00** Lunch

**14.30 – 17.30** Slide session III

*K. Matiasek*

## Invited speakers:

### Merighi Adalberto

Dipartimento di Scienze Veterinarie- Università degli studi di Torino

### D'Angelo Antonio

Dipartimento di Scienze Veterinarie- Università degli studi di Torino

### Cantile Carlo

Dipartimento di Scienze Veterinarie- Università degli studi di Pisa

### Falzone Cristian

Libero professionista. Diagnostica piccoli animali - Zugliano (Vi)

### Capucchio Maria Teresa

Dipartimento di Scienze Veterinarie- Università degli studi di Torino

### Iulini Barbara

Istituto Zooprofilattico Sperimentale di Torino

### Biasibetti Elena

Dipartimento di Scienze Veterinarie- Università degli studi di Torino

### Pumarola Marti

Facoltà di Medicina Veterinaria- Università Autonoma di Barcellona (Spagna)

### Mandara Maria Teresa

Dipartimento di Medicina Veterinaria- Università degli studi di Perugia

### Vandavelde Marc

Facoltà di Medicina Veterinaria- Università di Berna (Svizzera)

### Vallino Costassa Elena

Istituto Zooprofilattico Sperimentale di Torino

### Casalone Cristina

Istituto Zooprofilattico Sperimentale di Torino

### Matiasek Kaspar

Institute of Veterinary Pathology- Ludwig Maximilians University of Munich (Germany)

## Organizing committee:

Cristina Casalone

Barbara Iulini

Elena Vallino Costassa

Alessandra Pautasso

Maria Teresa Capucchio

Nadia Pozzar

e-mail: [cea@izsto.it](mailto:cea@izsto.it)

## Organizing Secretariat:

Daniela Passalacqua - Istituto Zooprofilattico del Piemonte,

Liguria and Valle d'Aosta. S.S. Qualità e Formazione.

Via Bologna 148-10154 Torino.

Tel: +39 011 2686356. e-mail: [daniela.passalacqua@izsto.it](mailto:daniela.passalacqua@izsto.it)

drawings by: Silvia Grifoni