

1222-2022
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ANNI



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



Dipartimento di
Biomedicina Comparata
e Alimentazione

UNISVET



SHORT SPECIALIZING MASTER DEGREE IN VETERINARY ONCOLOGY

SCIENTIFIC DIRECTOR:
PROF. MASSIMO CASTAGNARO, DVM, PHD, DIPL. ECVP
FULL PROFESSOR OF VETERINARY PATHOLOGY

VICE-DIRECTOR:
DR. CHIARA LEO, DVM, MSC, FHEA, DIPL. ACVIM (ONCOLOGY), DIPL. ECVIM-CA (ONCOLOGY)

TEACHING METHOD: BLENDED

LANGUAGE: ENGLISH

SCHEDULE

WEEK 1 - ONLINE

15-19 November 2021

WEEK 2 - ONLINE

24-28 January 2022

WEEK 3 - ONLINE

21-25 March 2022

WEEK 4 - ONLINE

6-10 June 2022

WEEK 5 - Frontal Lectures at UniPD, Italy

26-30 September 2022

The program of the Short Specializing Master Degree in Veterinary Oncology also includes some Live sessions online lasting one hour with the Oncology Master team.

The team of the Master will be at your disposal for any questions about the program, for further information on the topics covered during the various modules, and the evaluation test.

INVITED SPEAKERS

Dr. Nicholas Bacon

DVM, MA, VetMB, Cert. VR, Cert. SAS,
Dipl. ECVS, Dipl. ACVS, FRCVS

Dr. Jerome Benoit

DVM, Dipl. ACVR (Radiation Onc) Dipl.
ECVDI, MRCVS

Prof. Chiara Brachelente

DVM, PhD, Dipl. ECVP, Associate Professor

Dr. Federico Bonsembiante

DVM, PhD

Dr. Juan Borrego

DVM, Dipl. ACVIM (Oncology)

Dr. Julia Buchholz

DVM, Dipl. ACVR, Dipl. ECVDI

Prof. Massimo Castagnaro

DVM, PhD, Dipl. ECVP,
Full Professor of Veterinary Pathology

Dr. Ruthanne Chun

DVM, Dipl. ACVIM (Oncology)

Dr. Francesco Cian

DVM, Dipl. ECVCP, FRCPath, MRCVS

Dr. Pachi Clemente

DVM, Dipl. ACVIM (Oncology)

Dr. Stefano Cortellini

DVM, Dipl. ACVECC, Dipl. ECVECC, FHEA,
MRCVS

Prof. Maria Elena Gelain

DVM, PhD, Dipl. ECVCP

Dr. Iain Grant

DVM, BVSc Dipl. ACVIM MRCVS

Dr. Ana Lara

DVM, MSc, PhD, FHEA, MRCVS, Dipl.
ACVIM, Dipl. ECVIM-CA, RCVS

Dr. Gerard Mc Lauchlan

BVMS, Dipl. ECVIM-CA, MRCVS, FHEA

Dr. Chiara Leo

DVM, MSc, FHEA, Dipl. ACVIM
(Oncology), Dipl. ECVIM-CA (Oncology)

Dr. Lorenzo Mari

DVM, Dipl. ECVN, MRCVS

Dr. Daniela Murgia

DVM, GPCert (SATS), Dipl. ECVS, MRCVS,
Hon. Associate Professor of Small Animal
Surgery University of Nottingham (UK)

Dr. Valentina Piola

DVM, Dipl. ECVDI, MRCVS

Dr. Federico Porporato

DVM, MRCVS, Dipl. ECVIM-CA (Internal
Medicine)

Dr. Silvia Rabba

DVM, MSc, Dipl. ECVDI

Dr. Vincenzo Rondelli

DVM, PhD

Dr. Enrico Pierluigi Spugnini

DVM, PhD, Dipl. ACVIM (Oncology),
Dipl. ECVIM-CA (Oncology)

Dr. Joshua Stern

DVM, PhD, Dipl. ACVIM (Cardiology)

Dr. Paola Valenti

DVM, MS, Dipl. ACVIM (Oncology)

Dr. Simona Vincenti

DVM, Dipl. ECVS, MRCVS

Dr. Jenn Willcox

DVM, Dipl. ACVIM (Oncology)

Prof. Valentina Zappulli

DVM, MSc, PhD, Dipl. ECVP

SUMMARY

GOALS

The Master, in collaboration with the University of Padua, offers veterinarians the opportunity to:

- improving knowledge of cancer cases;
- refine the skills needed to manage pet patients with neoplastic forms;
- construct an appropriate diagnostic algorithm necessary for accurate diagnosis of animal tumours;
- decide on “gold standard” therapies for the most common cancers in veterinary practice and, where appropriate, where to report the most complex cases.

The Master also offers the knowledge to establish a constructive communication with the owners of animals about the condition of their animals, the frequent need to establish a chronic therapy that takes into account the quality of life of the animal and the possibility of accompanying the patient and the owner until the end of the life of the animal.

PROFILE, EMPLOYMENT AND PROFESSIONAL OPPORTUNITIES

As a result of the Master, the student will be able to enhance his/her capability to face the most frequent oncological cases seen in the veterinary practice in terms of tumors identification and the administration of the best therapeutical option available.

LANGUAGE: ENGLISH 

INTRODUCTION

The **Short Specializing Master Degree in Veterinary Oncology** offers practitioners eager to improve their understanding of oncologic cases the skills necessary to manage a pet patient with cancer, build a sensible diagnostic algorithm to get a precise diagnosis, to offer the gold standard therapies for the most common cancer types or, when appropriate, to discuss when referral is warranted.

It also offers the knowledge base necessary to have a constructive communication with pet-owners about their pet's condition, to follow a (most of the time) chronic therapy track focusing on quality of life, and, eventually, to accompany patients and owners until the pet's end of life.

Oncology has become a fundamental part of the daily routine for veterinarians, as cancer is unfortunately the first diagnosis in pets: not everything is loss, though, and progresses have been made for cancer pet treatments: chemotherapy, radiation therapy, reconstructive surgery, targeted therapy are now available and should be offered to pet-owners.

The **AIM** of this course is to offer you a wide overview that starts with the biology of cancer, the specific behavior of the most common cancer seen in pets, their prognostic factors and the treatments that fit the disease and the patient too.

The **GOAL** is to prepare you to confidently receive a cancer patient in primary care practice without fear and to recognize when a specialist's advice has to be sought.

The course instructors are composed of **internationally recognized experts** in veterinary oncology and related veterinary sciences.

The Oncology Master is composed of a thorough and intensive program divided into 5 modules, each lasting 1 week (5 days), spread over a 1-year period.

The master is mainly theoretical with a focus on practical oncology, with some training focus on cytology and imaging.

Self-learning material will also be provided for allowing a deeper understanding of the topics and a final test will be delivered.



ON DEMAND LECTURES

LECTURES

Metronomic chemotherapy

I. Grant

Biphosphonates & Monoclonal antibodies

I. Grant

Chemotherapy: administration and chemo-safety

C. Leo

Chemotherapy: general acute adverse events

P. Valenti

Chemotherapy: general chronic adverse events

P. Valenti

Chemotherapy classes: vinca alkaloids, enzymes

C. Leo

Chemotherapy classes: anthracyclins, anthracedions, anti-tumoural antibiotics

C. Leo

Chemotherapy classes: platinum compounds

C. Leo

Chemotherapy classes: alkylating agents

P. Valenti

Chemotherapy classes: antimetabolites and others

P. Valenti

Steroids & Nsaids

P. Valenti



Monday, 15th - November 2021

WHAT VETERINARY ONCOLOGY MEANS FOR PATIENTS, OWNERS AND VETS

TIME

LECTURES

09.00 - 09.15	Master course presentation, greetings <i>M. Castagnaro - C. Leo</i>
09.15 - 10.15	The big questions: what is cancer, where does it come from? <i>I. Grant</i>
10.15 - 11.15	The big questions: where does it go? <i>I. Grant</i>
11.15 - 12.15	The hallmarks of cancer part I <i>M. Castagnaro</i>
12.15 - 13.30	<i>Lunch Break</i>
13.30 - 14.30	The hallmarks of cancer part II <i>M. Castagnaro</i>
14.30 - 15.30	History of Veterinary Oncology, philosophy, specialties <i>R. Chun</i>
15.30 - 16.30	Ethical issues in veterinary oncology, cure vs palliation, too little vs too much <i>R. Chun</i>
16.30 - 17.30	Evidence-based medicine: ideal world vs reality <i>R. Chun</i>

Lessons will be held on Zoom platform.
A five-minute break will be scheduled after each lesson



Tuesday, 16th - November 2021

LET'S GET TO KNOW THE ENEMY

TIME

LECTURES

09.00 - 10.00	Immune system: a quick review M.Castagnaro
10.00 - 11.00	Immune system and cancer: allied or enemies? M.Castagnaro
11.00 - 12.00	Paraneoplastic syndromes I. Grant
12.00 - 13.30	<i>Lunch Break</i>
13.30 - 14.30	<i>What is available in veterinary medicine and what do we know?</i> R. Chun
14.30 - 15.30	Principles of chemotherapy – how, when R. Chun
15.30 - 16.30	Chemotherapy doses: practical examples of increasing/ decreasing the dose R. Chun
16.30 - 17.30	Chemotherapy induction, consolidation and rescue protocols: what does it mean? R. Chun

Wednesday, 17th - November 2021

PHARMACOLOGY OF ANTINEOPLASTIC DRUGS I

TIME

LECTURES

09.00 - 10.00

Chemotherapy classes: vinca alkaloids, enzymes
C. Leo

10.00 - 11.00

Chemotherapy classes: anthracyclins, anthracedions, anti-tumoural antibiotics
C. Leo

11.00 - 12.00

Chemotherapy classes: platinum compounds
C. Leo

12.00 - 13.00

Chemotherapy classes: alkylating agents
P. Valenti

13.00 - 14.30

Lunch Break

14.30 - 15.30

Tyrosine-kinase family proteins
R. Chun



15.30 - 16.30

Tyrosine-kinase inhibitors uses and toxicities
R. Chun



Thursday, 18th - November 2021

SISTEMIC THERAPIES AGAINST CANCER

TIME

LECTURES

09.00 - 10.00	Chemotherapy classes: antimetabolites and others <i>P. Valenti</i>
10.00 - 11.00	Steroids & Nsaids <i>P. Valenti</i>
11.00 - 12.00	Metronomic chemotherapy <i>I. Grant</i>
12.00 - 13.00	Biphosphonates & Monoclonal antibodies <i>I. Grant</i>
13.00 - 14.30	<i>Lunch Break</i>
14.30 - 15.30	Chemotherapy: general acute adverse events <i>P. Valenti</i>
15.30 - 16.30	Chemotherapy: general chronic adverse events <i>P. Valenti</i>
16.30 - 17.30	Supporting drugs for oncological patient undergoing chemotherapy <i>C. Leo</i>
17.30 - 18.30	Q&A Session <i>C. Leo</i>





Friday, 19th - November 2021

COMMUNICATION IN VETERINARY ONCOLOGY

TIME

LECTURES

09.00 - 10.00	Communication with the owners of oncological patients: how to give bad news I. Grant
10.00 - 11.00	When therapies fail: concept of hospice and palliative care I. Grant
11.00 - 12.00	Dealing with the end of life I. Grant
12.00 - 13.00	Becoming familiar with the concept of emotional fatigue I. Grant
13.00 - 14.30	<i>Lunch Break</i>
14.30 - 16.30	Chemotherapy exercises C. Leo



ON DEMAND LECTURES

In order to access the module, it is mandatory to watch all the on demand lectures (45 min approx each) in advance

LECTURES

Blood smear evaluation: knowing what is normal, helps recognizing what is abnormal

[F. Bonsembiante](#)

Haematologic abnormalities

[F. Bonsembiante](#)

Introduction to cytology (sample collection, preparation, staining and examination)

[F. Cian](#)

Principles of inflammatory and neoplastic cytology

[F. Cian](#)

Histology: basic principles

[V. Zappulli](#)

What can we ask to our pathologist and how

[V. Zappulli](#)

Immunohistochemistry applied to oncology

[C. Brachelente](#)

Principles of surgical oncology

[S. Vincenti](#)

How to biopsy a tumour

[S. Vincenti](#)

Concepts of staging: WHO & TNM systems

[C. Leo](#)



Monday, 24th - January 2022

A WORLD OF CELLS I

TIME

LECTURES

09.00 - 10.00	Cytology of lymph nodes (normal, reactive, inflammatory, metastatic) F. Cian
10.00 - 11.00	Cytology of canine lymphoma M.E. Gelain
11.00 - 12.00	Cytology of feline lymphoma M.E. Gelain
12.00 - 13.30	<i>Lunch Break</i>
13.30 - 14.30	Cytology of bone marrow M.E. Gelain
14.30 - 15.55	Practical exercises F. Bonsembiante - M.E. Gelain

Lessons will be held on Zoom platform.
A five-minute break will be scheduled after each lesson



Tuesday, 25th - January 2022

A WORLD OF CELLS II

TIME

LECTURES

09.00 - 10.00	Cytology of cutaneous/subcutaneous lesions (inflammatory, non neoplastic, epithelial and mesenchymal tumours) F. Cian
10.00 - 11.00	Cytology of cutaneous/subcutaneous lesions (round cell tumours) F. Cian
11.00 - 12.00	Cytology of cavitory effusions M.E. Gelain
12.00 - 13.00	Cytology of uro-genital system F. Cian
13.00 - 14.30	<i>Lunch Break</i>
14.30 - 15.30	Cytology of gastro-intestinal tract, liver and spleen F. Cian



Wednesday, 26th - January 2022

A WORLD OF CELLS III

TIME

LECTURES

09.00 - 10.00

Proliferation markers: what's for?
[C. Brachelente](#)

10.00 - 11.00

Why do we care about grading?
[C. Brachelente](#)

11.15 - 12.00

Evaluation of margins from an oncopathologist point of view
[V. Zappulli](#)

12.00 - 13.30

Lunch Break

13.30 - 14.30

Lymph node evaluation: metastatic or not?
[C. Brachelente](#)

14.30 - 15.55

Interactive cases
[C. Brachelente](#) - [V. Zappulli](#)



Thursday, 27th - January 2022

A TEAM WORK

TIME

LECTURES

09.00 - 10.00

Imaging applied to oncology: when and how
[V. Piola](#)

10.00 - 11.00

Thoracic radiographs interpretation
[S. Rabba](#)

11.00 - 12.00

Abdominal ultrasound and ultrasound-guided sampling:
what is possible?
[V. Piola](#)

12.00 - 13.30

Lunch Break

13.30 - 14.30

Principles of CT scan and interaction between the radiologist
and the oncologist
[V. Piola](#)

14.30 - 15.30

The future: PET-CT
[S. Rabba](#)

15.30 - 16.55

Clinical cases / practical exercises
[V. Piola](#) - [S. Rabba](#)



Friday, 28th - January 2022

A WORLD OF BLACK AND WHITE

TIME

LECTURES

09.00 - 10.00

How to make your pathologist happy: correct preparation of samples

[C. Brachelente - S. Vincenti](#)

10.00 - 11.00

Definition of surgical margins: concepts of proportional margins and impact of grading

[C. Brachelente - S. Vincenti](#)

11.00 - 12.00

Intraoperative margins identification: where are we and where can we go?

[C. Brachelente - S. Vincenti](#)

12.00 - 13.30

Lunch Break

13.30 - 14.55

A clinical case and open discussion about sentinel lymph nodes in veterinary oncology

[C. Brachelente - S. Vincenti](#)



ON DEMAND LECTURES

In order to access the module, it is mandatory to watch all the on demand lectures (45 min approx each) in advance

LECTURES

Canine lymphoma and leukaemia classifications

M.E. Gelain

Feline lymphoma and leukaemia classifications

M.E. Gelain

Concepts of radiation therapy I

J. Benoit

Concepts of radiation therapy II

J. Benoit

How to choose the best RT protocol for a patient - considerations and practical examples

J. Benoit

Emergencies in oncology: hypercalcemia, hypoglycemia, haemoabdomen, haemothorax

S. Cortellini

Mast cell tumor biology and prognostic factors I

C. Leo

Mast cell tumour biology and prognostic factors II

C. Leo

Cardiology refresher course, Radiographs, Echo, ECG

J. Stern

Identifying and Managing Arrhythmias in oncology patients

J. Stern

THE PURPLE WEEK

WEEK 3 - 21st - 25th March 2022



Monday, 21st - March 2022

MAST CELL TUMOURS FROM A TO Z

TIME

LECTURES

09.00 - 10.00	Mast cell tumor: therapeutical algorithm P. Clemente
10.00 - 11.00	Mast cell tumour: treatment options I P. Clemente
12.00 - 13.30	<i>Lunch Break</i>
13.30 - 14.30	Mast cell tumour: treatment options II P. Clemente
14.30 - 15.30	Use of TKI: EBVM P. Clemente
15.30 - 16.30	MCT clinical cases P. Clemente - C. Leo
16.30 - 17.30	Q&A Session P. Clemente - C. Leo

Lessons will be held on Zoom platform.
A five-minute break will be scheduled after each lesson

THE PURPLE WEEK

WEEK 3 - 21st - 25th March 2022



Tuesday, 22nd - March 2022

CHRONIC VS ACUTE

TIME

LECTURES

09.00 - 10.00

Plasma cell tumours: biology and treatment

[J. Borrego](#)

10.00 - 11.00

Histiocytic disorders: presentations and treatments

[J. Borrego](#)

11.00 - 12.00

Acute and chronic leukaemias from a clinical point of view

[J. Borrego](#)

12.00 - 13.00

Radiation therapy for lymphoproliferative tumours

[J. Benoit](#)

THE PURPLE WEEK

WEEK 3 - 21st - 25th March 2022



Wednesday, 23rd - March 2022

IN THE EMERGENCY ROOM

TIME

LECTURES

09.00 - 10.00	Canine haemangiosarcomas: presentation, biology and treatment A. Lara
10.00 - 11.00	Canine visceral haemangiosarcomas: local and systemic therapies A. Lara
11.00 - 12.00	Mediastinal masses: diagnostic and therapeutical algorithm C. Leo
12.00 - 13.00	Pulmonary primary tumours: classification and biology C. Leo
13.00 - 14.30	<i>Lunch Break</i>
14.30 - 15.30	Mesothelioma: unravelling the mistery A. Lara
15.30 - 16.30	Intranasal tumours: presentation and biology J. Benoit
16.30 - 17.30	Intranasal tumours: radiation therapy options J. Benoit

THE PURPLE WEEK

WEEK 3 - 21st - 25th March 2022



Thursday, 24th - March 2022

LET'S FACE THE BIG "L"

TIME

LECTURES

09.00 - 10.00

Canine lymphoma staging: considerations and controversies
C. Leo

10.00 - 11.00

Canine lymphoma induction protocols
C. Leo

11.00 - 12.00

Canine lymphoma rescue protocols
C. Leo

12.00 - 13.30

Lunch Break

13.30 - 14.30

Feline intestinal lymphoma
C. Leo

14.30 - 16.15

Clinical cases and round table on lymphoma
M.E. Gelain - C. Leo

THE PURPLE WEEK

WEEK 3 - 21st - 25th March 2022



Friday, 25th - March 2022

THE HEARTBREAKERS

TIME

LECTURES

09.00 - 10.00

Assessing and managing systolic dysfunction in the oncology patient
J. Stern

10.00 - 11.00

Cardiac tumors: clinical presentation, diagnosis, and tumor types
J. Wilcox

11.00 - 12.00

Cardiac tumors: therapeutic approaches and prognosis
J. Wilcox

12.00 - 13.00

Clinical cases
J. Stern - J. Wilcox



ON DEMAND LECTURES

In order to access the module, it is mandatory to watch all the on demand lectures (45 min approx each) in advance

LECTURES

Utility and controversies of spaying in veterinary oncology

[D. Murgia](#)

Tumours of the female reproductive system

[V. Zappulli](#)

Tumours of the male reproductive system

[C. Leo](#)

Canine and feline liver tumors

[C. Leo](#)

Neurological examination for dummies

[L. Mari](#)

THE ORANGE WEEK

WEEK 4 - 06th - 10th June 2022

Monday, 06th - June 2022

GENITO-URINARY TUMOURS

TIME

LECTURES

09.00 - 10.00	Canine mammary tumours C. Leo - V. Zappulli
10.00 - 11.00	Feline mammary tumours C. Leo - V. Zappulli
11.00 - 12.00	Immunohistochemistry and histology prognostic factors V. Zappulli
12.00 - 13.30	Lunch Break
13.30 - 14.30	Surgery techniques for mastectomies D. Murgia
14.30 - 15.30	Medical treatment for mammary tumours C. Leo

Lessons will be held on Zoom platform.
A five-minute break will be scheduled after each lesson

THE ORANGE WEEK

WEEK 4 - 06th - 10th June 2022

Tuesday, 07th - June 2022

GENITO-URINARY TUMOURS II

TIME

LECTURES

09.00 - 10.00

Tumours of the urinary tract: presentation and biology

C. Leo

10.00 - 11.00

Prostate tumours

C. Leo

11.00 - 12.00

Surgical approach to the tumours of the urinary tract and prostate

D. Murgia

12.00 - 13.00

Radiation options for the urinary tract and prostate tumours

J. Buchholz

13.00 - 14.30

Lunch Break

14.30 - 15.30

Treatment options for the urinary tract tumours

C. Leo

15.30 - 16.30

Interventional radiology for the urinary and prostate cancer

G. Mc Lauchlan

16.30 - 17.30

Clinical cases

G. Mc Lauchlan

THE ORANGE WEEK

WEEK 4 - 06th - 10th June 2022

Wednesday, 08th - June 2022

GASTRO-INTESTINAL TUMOURS I

TIME

LECTURES

10.00 - 11.00

Surgical techniques for gastric neoplasia

D. Murgia

11.00 - 12.00

Is the surgical approach to tumours of the small and large intestine different?

D. Murgia

12.00 - 13.30

Lunch Break

13.30 - 14.30

Interventional radiology for the liver

G. Mc Lauchlan

14.30 - 15.30

Medical treatment for gastrointestinal tumors

C. Leo

15.30 - 16.30

Clinical cases

G. Mc Lauchlan

THE ORANGE WEEK

WEEK 4 - 06th - 10th June 2022

Thursday, 09th - June 2022

GASTRO-INTESTINAL TUMOURS II

TIME

LECTURES

11.00 - 12.00

Surgical planning for AGASACA

D. Murgia

12.00 - 13.00

Peri-anal tumours: presentation and biology

C. Leo

13.00 - 14.00

Lunch Break

14.00 - 15.00

AGASACA medical options

C. Leo

15.00 - 16.00

AGASACA radiation options

J. Benoit

16.00 - 17.00

Considerations of a radiation oncologist towards treatment of the abdomen

J. Benoit

THE ORANGE WEEK

WEEK 4 - 06th - 10th June 2022

Friday, 10th - June 2022

CENTRAL AND PERIPHERAL NERVOUS SYSTEM TUMOURS

TIME

LECTURES

09.00 - 10.00

Tumours of the nervous system

J. Buchholz

10.00 - 11.00

Radiation therapy for brain tumours

J. Buchholz

11.00 - 12.00

New radiation techniques for brain tumors: IMRT and SRT

J. Buchholz

12.00 - 13.00

Spinal cord tumors

J. Buchholz

13.00 - 14.00

Lunch Break

14.00 - 15.00

Medical options for brain tumours

C. Leo

15.00 - 16.00

Ocular tumours

C. Leo

Monday, 26th - September 2022

CUTANEOUS TUMOURS

TIME

LECTURES

09.00 - 10.00

Electroporation in veterinary medicine: general concepts
E. Spugnini



10.00 - 11.00

Clinical applications of electroporation in veterinary medicine:
Riding the electric waveform
E. Spugnini



11.00 - 11.30

Coffee break

11.30 - 12.00

Clinical cases
E. Spugnini



12.00 - 13.00

Skin tumours I
P. Clemente

13.00 - 14.30

Lunch Break

14.30 - 15.15

Skin tumours II
P. Clemente

15.15 - 16.00

Canine and feline cutaneous squamous cell carcinoma
P. Clemente

17.00

APERITIVO

Frontal lectures will be held at UniPD (Padua, Italy)

THE YELLOW WEEK

WEEK 5 - 26th - 30th September 2022



Tuesday, 27th - September 2022

IT'S A HARD DAY - BONE TUMOURS

TIME

LECTURES

09.00 - 10.00	Bone radiographs interpretation V. Piola	
10.00 - 10.30	Bone biopsy techniques N. Bacon	
11.30 - 11.00	Coffee break	
11.00 - 11.45	Osteosarcoma: biology and prognostic factors C. Leo	
11.45 - 12.30	Osteosarcoma: surgical options N. Bacon	
12.30 - 14.00	Lunch Break	
14.00 - 14.45	Osteosarcoma: medical options C. Leo	
14.45 - 15.30	Chondrosarcoma and multilobulated osteochondrosarcoma N. Bacon	
15.30 - 16.00	Coffee break	
16.00 - 16.45	Pain management in small animals: medical options V. Rondelli	
16.45 - 17.30	Pain management in small animals: alternative options V. Rondelli	

THE YELLOW WEEK

WEEK 5 - 26th - 30th September 2022



Wednesday, 28th - September 2022

MOUTH WIDE OPEN

TIME

LECTURES

09.00 - 10.00

Imaging of the oral tumours

V. Piola



10.00 – 10.45

Feline and canine oral squamous cell carcinoma

C. Leo

10.45 – 11.15

Coffee break

11.15 – 12.00

Surgery for oral tumours in dogs

N. Bacon

12.00 – 12.30

Surgery for oral tumours in cats

N. Bacon

12.30 – 14.00

Lunch Break

14.00 – 14.45

Radiation therapy for oral tumours in dogs

J. Benoit

14.45 – 15.30

Radiation therapy for oral tumours in cats

J. Benoit

15.30 - 16.00

Coffee break

16.00 – 16.45

Canine oral melanoma: approach and prognostic factors

J. Benoit

16.45 – 17.15

Canine Oral melanoma: immune-therapy

C. Leo

Thursday, 29th - September 2022

IT'S A SOFT DAY - SOFT TISSUE SARCOMAS

TIME	LECTURES
09.00 - 10.00	Soft tissue sarcomas: classification and biological behaviour N. Bacon
10.00 - 11.00	Canine soft tissue sarcoma: a review of literature N. Bacon
11.00 - 11.30	Coffee break
11.30 - 12.30	Canine soft tissue sarcoma: surgical approach depending on grading N. Bacon
12.30 - 13.00	Canine soft tissue sarcoma: medical approach depending on grading C. Leo
13.00 - 14.30	Lunch Break
14.30 - 15.15	Radiation therapy for soft tissue sarcomas J. Benoit
15.15 - 16.00	Feline injection-site sarcoma: the history of a problem C. Leo
16.00 - 16.30	Coffee break
16.30 - 17.15	Radiation therapy for FISS J. Benoit
17.15 - 18.00	Surgical therapy for FISS N. Bacon

Friday, 30th - September 2022

ONCOLOGY & ENDOCRINOLOGY: POINTS OF VIEW OF THE SAME DISEASE

TIME	LECTURES
09.00 - 11.00	Adrenal tumours from the endocrinologist and oncologist point of view <i>F. Porporato</i>
11.00 - 11.30	<i>Coffee break</i>
11.30 - 12.15	Adrenal tumours from the surgeon point of view <i>N. Bacon</i>
12.15 – 12.45	Thyroid carcinoma: biology and therapy <i>C. Leo</i>
12.45- 13.15	Thyroid carcinoma: surgical approach <i>N. Bacon</i>
13.15 – 14.30	<i>Lunch Break</i>
14.30 – 15.15	Parathyroid tumors and hyperparathyroidism <i>F. Porporato</i>
15.15 – 16.00	Insulinoma and glucagonoma from the endocrinologist point of view <i>F. Porporato</i>
16.00 – 16.45	Pancreatic tumours: surgical approach <i>N. Bacon</i>

GROUNDWORK

Knowledge required for the admission test:

- Understand the concepts and basic mechanisms of preneoplastic and neoplastic diseases
- Understand the normal microscopic anatomy and tissue differentiation
- Understand the tumour classification based on the cytological types
- Understand the basics of pharmacology, pharmacokinetic and pharmacodynamic (administration routes, tissue distribution, metabolism, excretion)
- Demonstrate familiarity with the main concepts of veterinary immunology: innate and acquired immune system, immune system cells and their classification
- Demonstrate familiarity with the main concepts of veterinary hematology (origin of the blood cells, classification of cell lines)
- Demonstrate familiarity with the main concepts and classification of anemia, thrombocytopenia, leucopenia
- Demonstrate familiarity with the main concepts of veterinary blood biochemistry and the main organ disfunction (liver, renal, pancreatic insufficiency etc)
- In order to pass the test it is necessary to grasp a broad knowledge, though not deep, of the above mentioned topics, which should have been already addressed during the graduation studies.

Suggested books:

- **Kirk's Current Veterinary Therapy XV** – Bonagura, Twedt
- **Veterinary Immunology** – Tizard
- **Small Animal Clinical Oncology** – Withrow & MacEwen 5th or 6th edition

INFORMATION

TEACHING METHOD: BLENDED (taught class / distance learning)

REGISTRATION FEE:

€ 6.024,50

First payment: € 4.024,50

Second payment: € 2.000,00

ECTS: 60

PLACES AVAILABLE:

Minimum: 35 PARTICIPANTS

Maximum: 50 PARTICIPANTS

REGISTRATION PROCEDURE:

The registration procedure must be done exclusively through the UniPD portal:

<https://www.unipd.it/corsi-master/oncologia-veterinaria>

Application submission deadline:

8th October 2021 (12.30 p.m. closing procedure filling in application online)

Criteria for selection:

Evaluation of qualifications, written examination, possible oral examination

For information and registration procedures please contact UniPD:

Dott. Stefano Bianchini

Tel: 049 8272517

E-mail: stefano.bianchini@unipd.it

VENUE:

Dipartimento di Biomedicina Comparata ed Alimentazione - BCA

Viale dell'Università, 16 - 35020 Legnaro (PD)

ATTACHEMENT A: Technical instructions for completing the application form