

15-17 April, 2027– Arezzo, Italy

Advanced course of
CYTOLOGY of SKIN TUMORS
of dogs and cats

associated with
immunocytochemistry and histopathology

If you are interested to.....

- cytologically differentiate the follicular tumors recognizing the different morphologies of the keratin
- learn the morphological differences between basal cell tumors using cytology alone
- extricate yourself between the cytology of spindle cell tumors
- identify the tissue origin of epithelial cells by interpreting their cytoarchitectures
- provide diagnostic significance to the background of cytological preparations.....

.....You cannot miss this course!!



Canine and Feline Skin Cytology

Second Edition



Tuscan Veterinary
Dermatologic
Center

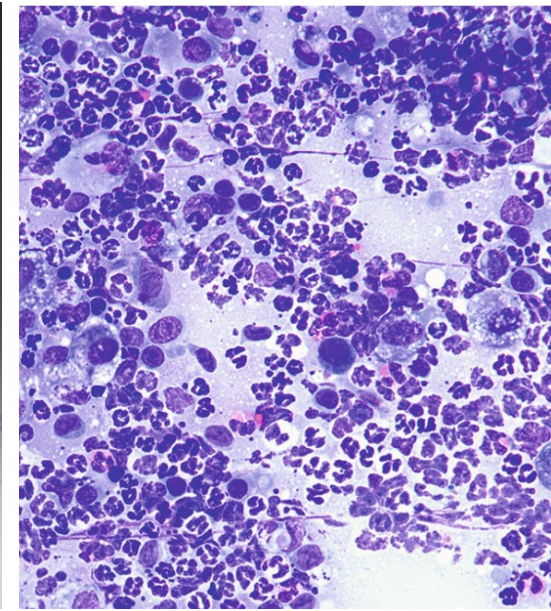
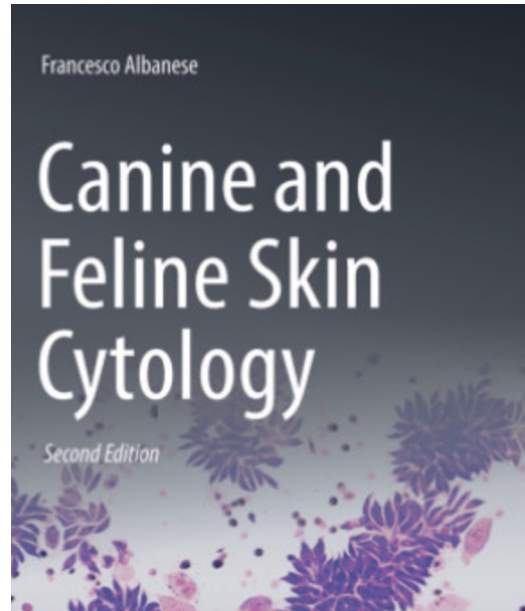
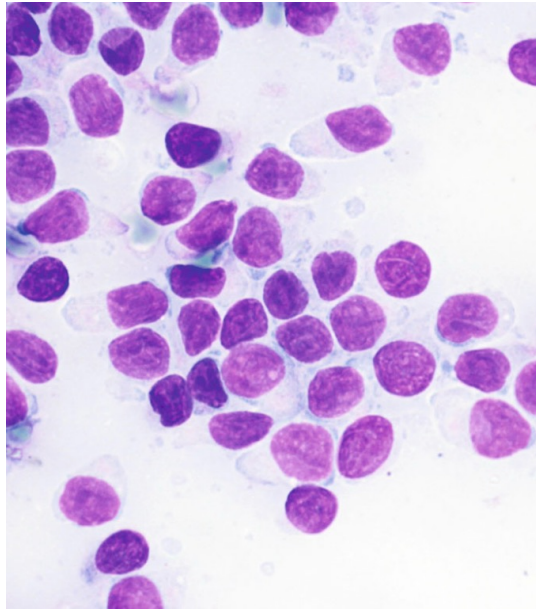
organizes an
INTENSIVE and
PRACTICAL course OF
skin cytology of dogs
and cats with....

DVM Francesco
Albanese

author of the
textbook...

**Canine and Feline
Skin Cytology
(Springer, 2025)**

Three full days, working
exclusively at microscope.
Numerous neoplastic cases,
will be discussed



Couse presentation

- In daily practice, cytology has become essential as the first approach to any skin lesions.
- Determining whether a lesion is neoplastic and, among them, either benign or malignant, allows the clinicians to initiate as quickly, a more targeted and immediate diagnostic and therapeutic investigations, which can sometimes save the patient's life.

What's new?

It is known that for those who have few knowledge of clinical dermatology (pathologists) or no knowledge of the basis of histopathology of skin lesions (clinicians), reading cytological preparations may have significant interpretative limitations

For this reason, we have decided to introduce a new approach compared to conventional skin cytology courses:

- each cytological case will be associated with its clinical presentation and with the corresponding histological slide.....

.....this will allow participants to better interpret the cells they are observing and understand some cytological aspects that would not be possible without observing the corresponding histological slides

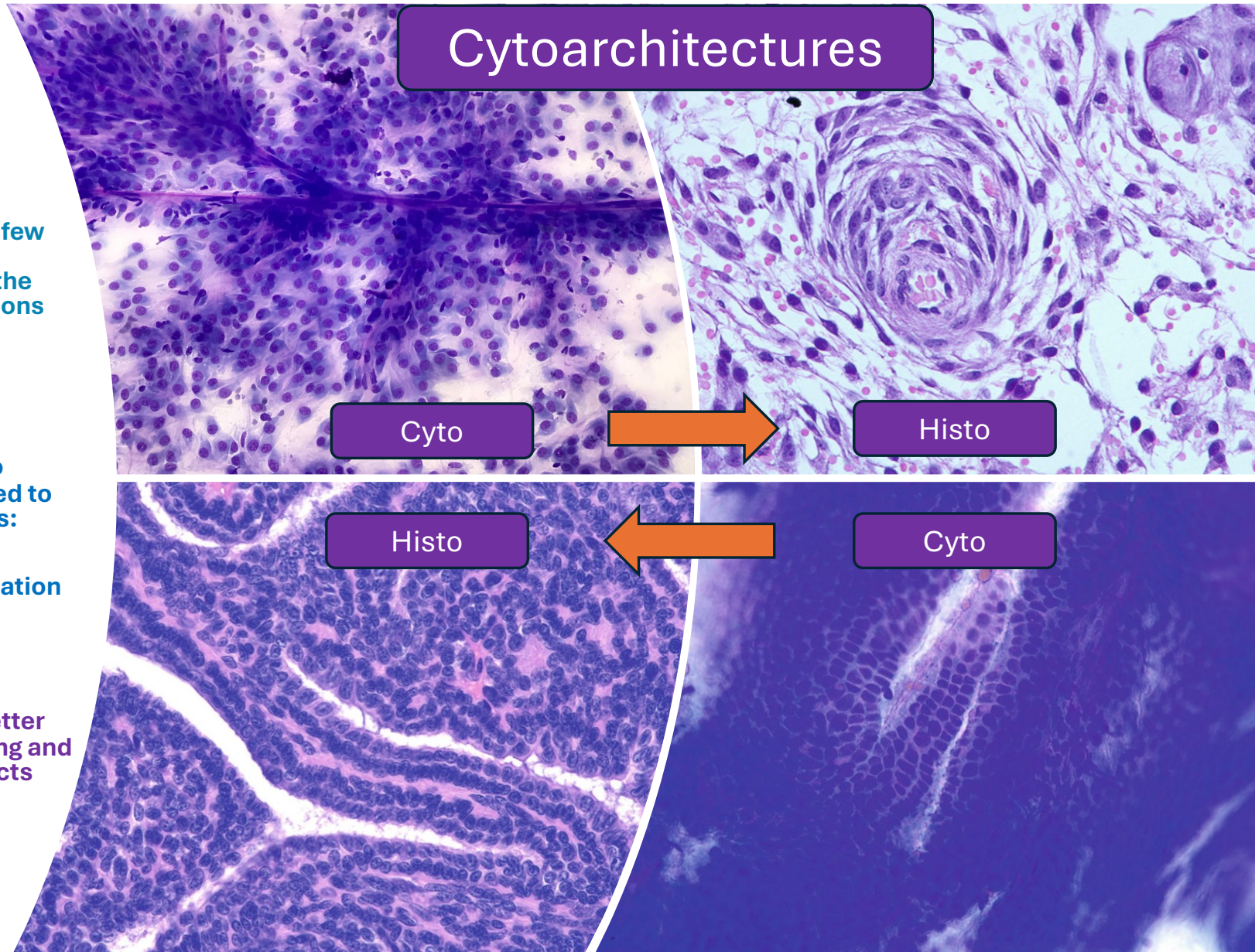
Cytoarchitectures

Cyto

Histo

Histo

Cyto



Immunocytochemistry



- We have also decided to enrich the course with another cytological diagnostic method which has enjoyed great success in recent years and which, in cases where conventional cytology fails or cannot to provide a diagnosis, allows us to **define the cellular origin or/and immunophenotyping the different cells** without needing the histology.
- With the help of **Nazarè Pinto da Cunha**- DVM, PhD, DipECVP, clinical director of the **Vedis** laboratory in Porto (Portugal) one of the leading experts in the field of **Immunocytochemistry**, participants will be able to observe cytological preparations stained with specific antibodies, along with the corresponding cytological slides, from various skin tumors.

SOX10 - melanoma

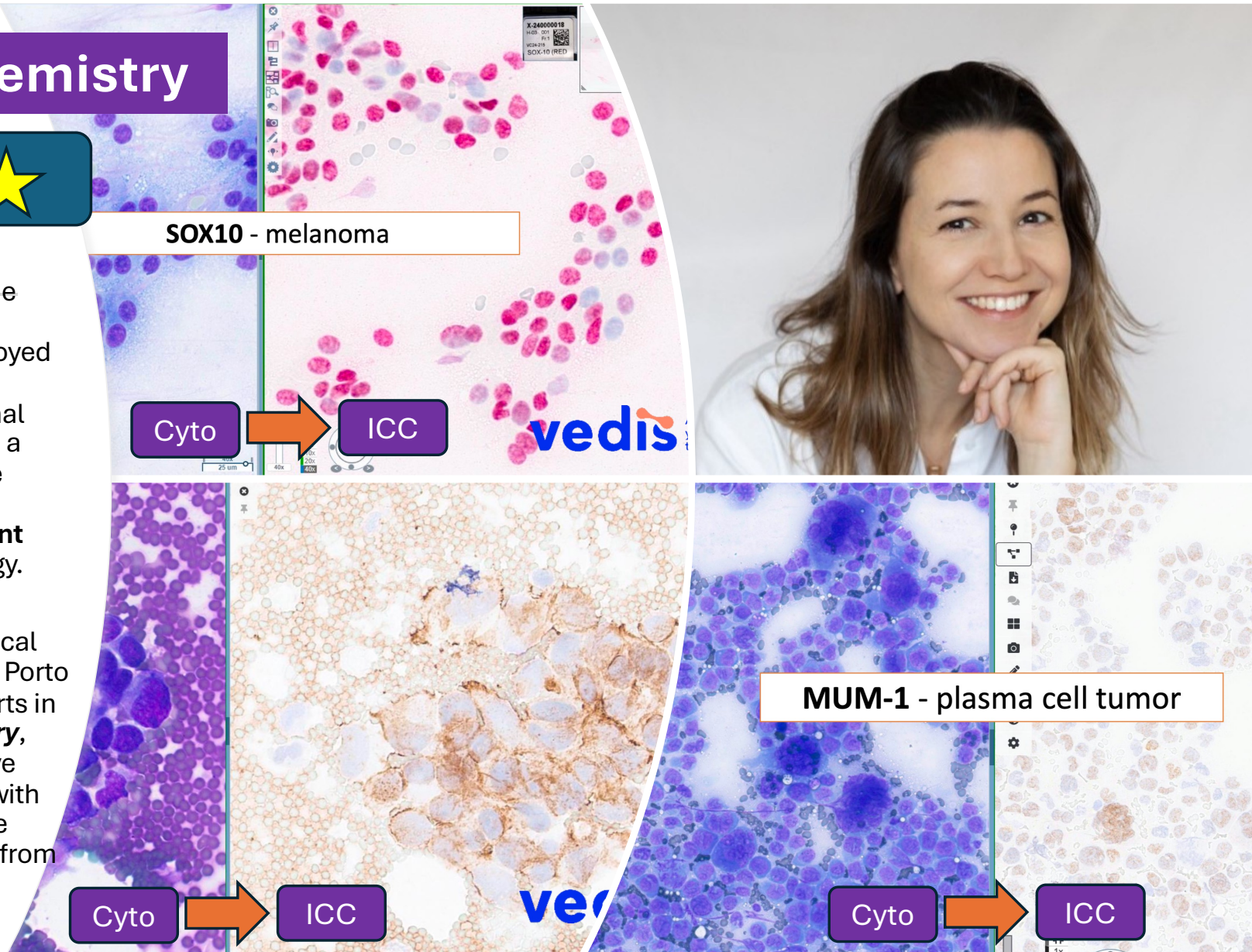


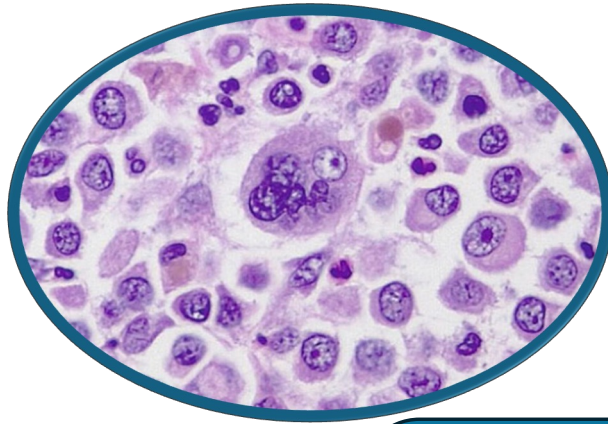
vedis

MUM-1 - plasma cell tumor

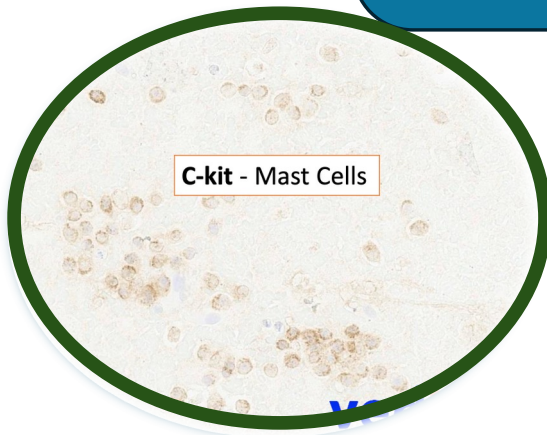
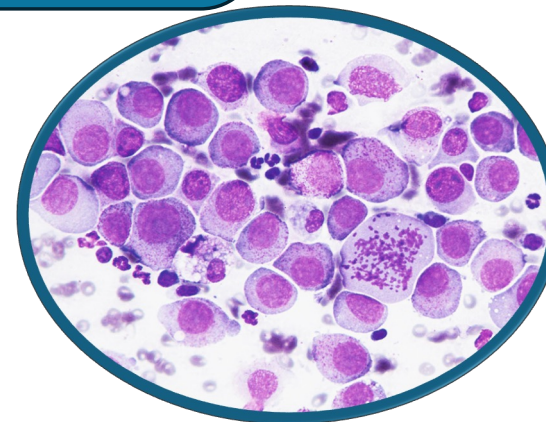


ve

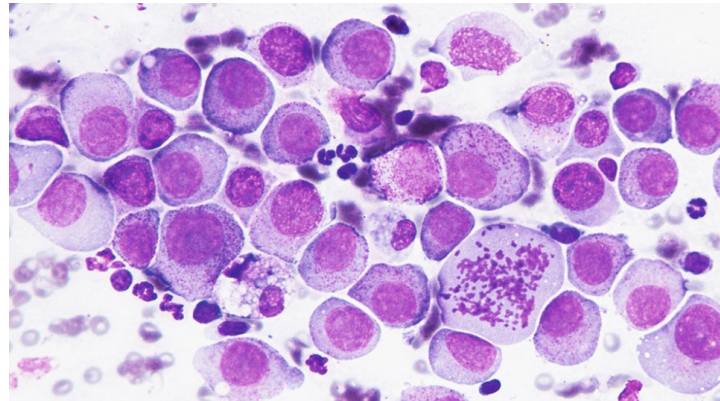
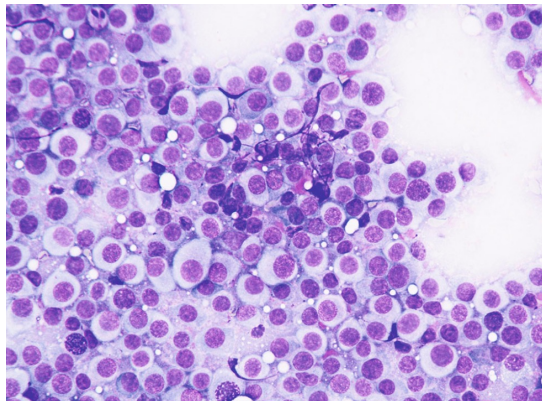
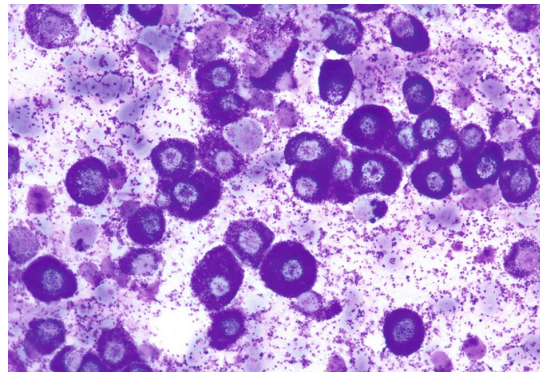
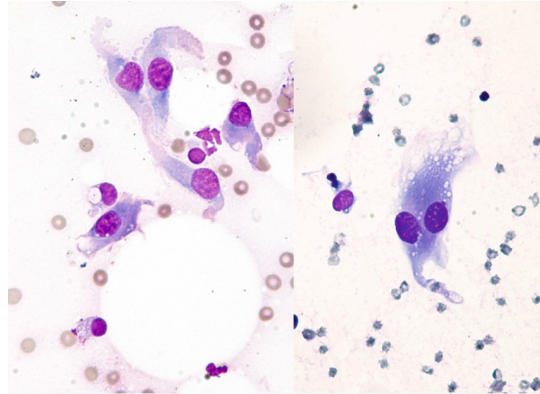
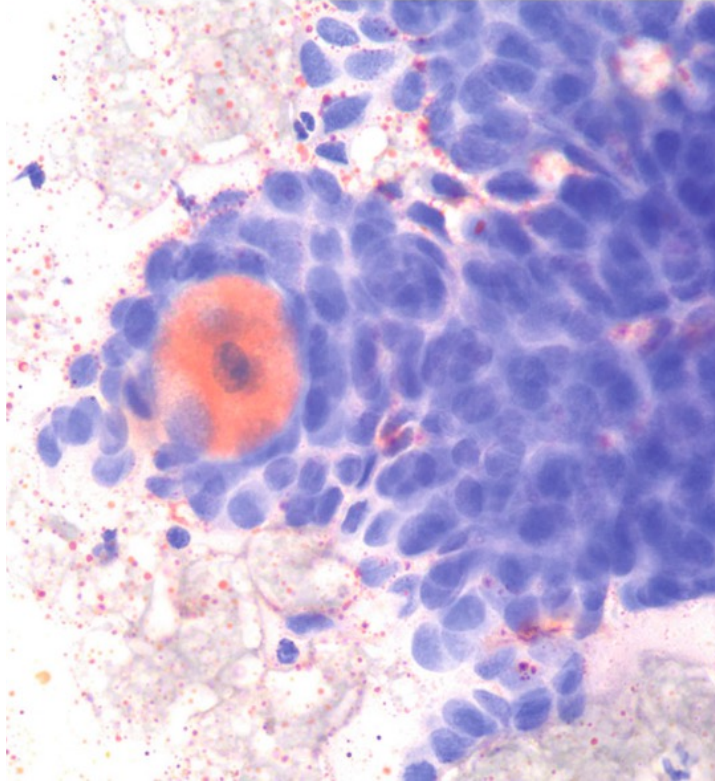




This 360° approach, including cytology, immunocytochemistry and histopathology is therefore suitable for clinicians, clinical pathologists and pathologists reading canine and feline skin specimens



C-kit - Mast Cells



Course' main objectives

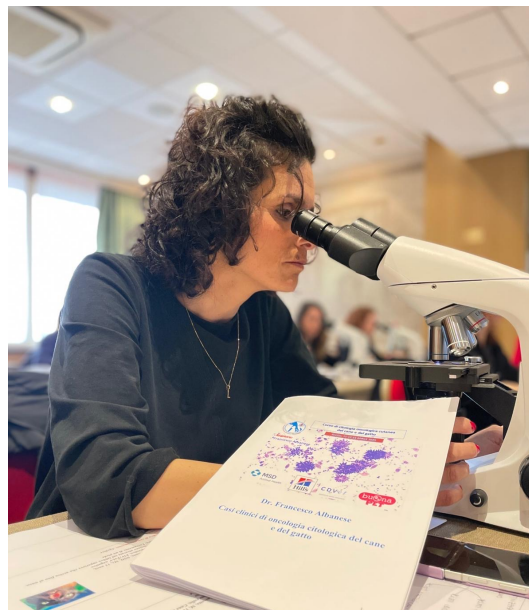
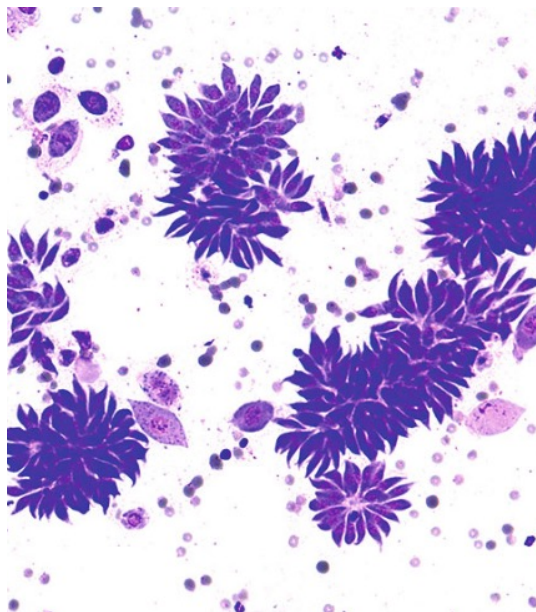
- Learn to recognize the **morphology of different types of keratins**, improving your ability to diagnose a keratinizing follicular tumor using cytology alone such as Trichoepithelioma, Pilomatricoma, Infundibular Keratinizing Acanthoma and other follicular lesions

- Focus on **"basal cell" tumors**, evaluating the cytoarchitecture and morphology of the cells, in order to determine whether they originate from epidermal/follicular or glandular tissue such as Basal epidermal neoplasia, Trichoblastoma, Apocrine neoplasia and Sebaceous basal tumor

- Discuss the clinical, cytological, and histological differences that guide us in differentiating **a soft tissue spindle cell tumor** from a **reactive fibroplasia**

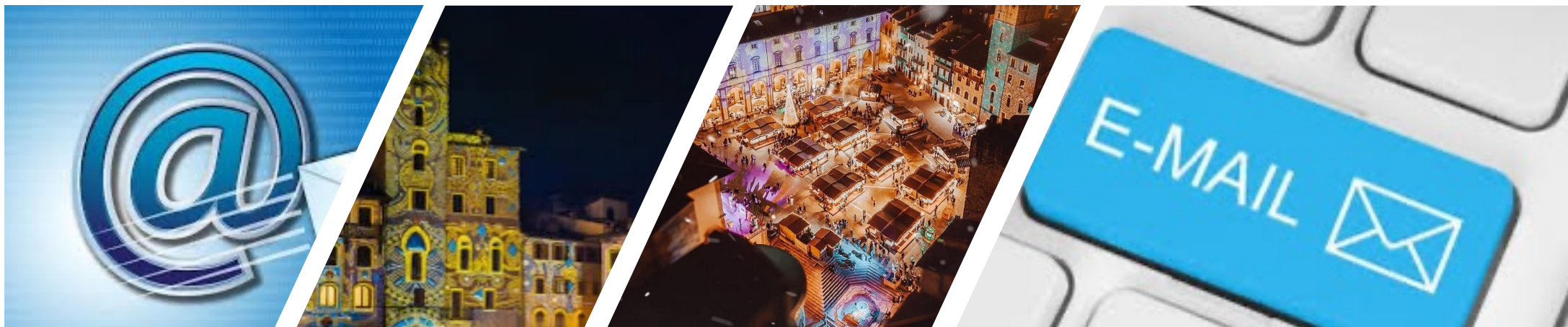
- keep in mind that even an acantholytic carcinoma, a neuroendocrine tumor of the skin or an amelanotic melanoma, can present as **round cell tumor**

- Take advantage from **immunocytochemistry** in the interpretation of cytological samples coming from skin neoplasms



CYTOLOGY of SKIN TUMORS of dogs and cats

- **Location and date** : Arezzo- Tuscany (Italy) -15-17 April 2027
- **Number of participants**: Max 24 participants
- **Language**: English
- **Duration of the course**: 2,5 days of practical sessions with microscopes
- **Number of cases**: Over 60 cases of skin cytology and corresponding histology and, when present, immunocytochemical slides
- **Atmosphere** : Highly friendly, practical and interactive
- Possibility of taking home (**upon request and subject to availability**), a set of cytological and corresponding histopathological slides



Arezzo (Italy), 15-17, April- 2027

The course include:

- Participations to practical session with a microscope per person
- Printed Handouts
- Coffee breaks and lunches
- Guided tour of the city

For info:
cdvtoscano@gmail.com