



**EAVA** 2025  
TOULOUSE 22-25 JULY



We are pleased to welcome you to the upcoming EAVA Congress this summer in Toulouse. You will find the general program of the congress attached to this message.

## CONGRESS SCHEDULE

TIME	TUESDAY, 22.07	WEDNESDAY, 23.07	THURSDAY, 24.07	FRIDAY, 25.07
7:00 - 8:00				
8:00 - 9:00		8h-9h : Registration (Pierre Baudis)		
9:00 - 10:00		9h-9h15 : Opening address 9h15-10h15 : Oral session 1 Teaching & learning 1	8h30-9h30 : Oral session 3 Molecular biology	8h30-9h30 : Oral session 5 Gross anatomy
10:00 - 11:00		10h15-10h45 : Coffee break	9h30-10h : Coffee break	9h30-10h : Coffee break
11:00 - 12:00		10h45-12h : Oral session 2 Imaging anatomy	10h-11h : Poster session 2	10h-11h : Poster session 3
12:00 - 13:00		12h-13h30 : Lunch	12h-13h30 : Lunch	12h-13h30 : Lunch
13:00 - 14:00		13h30-14h30 : Keynote 1 The evolution of the jaw system in carnivores: jaw muscle architecture and bite force - Anthony Herrel	13h30-14h30 : Keynote 2 Neuro-ophthalmological anatomy Vicente Aige Gil	13h30-14h30 : Keynote 3 Bridging mouse and human anatomies - Jesus Ruberte
14:00 - 15:00		14h30-14h45 : Coffee break	14h30-15h : Coffee break	14h30-16h30 : General Assembly EAVA
15:00 - 16:00		14h45-15h30 : Poster session 1	15h-15h30 : Congress Photo	
16:00 - 17:00	16h-18h : Registration (Museum d'Histoire Naturelle de Toulouse)	From 16h : Social program Ecole Nationale Vétérinaire visit	From 16h30 : Social program Toulouse city tour	
17:00 - 18:00	From 18h : Welcome cocktail Museum d'Histoire Naturelle de Toulouse		From 18h30 : Social program Salle des Illustres - Capitole Toulouse	From 19h : GALA dinner Hôtel Dieu - Toulouse
18:00 - 19:00				

### Oral Presentations

Each oral presentation will be allocated **9 minutes for the talk**, followed by **3 minutes for questions and discussion**, including transition between two presentations to allow for speaker changes and technical setup.

Presenters are kindly asked to submit their presentation files in **PowerPoint (.ppt/.pptx) or PDF format**.

All presentation files must be sent **no later than Friday, July 18th, 2025**.

### Poster Presentations

There will be **one poster session per day**.

You will find below the **daily poster list** indicating the day of presentation for each accepted poster.

Posters must be **displayed in the morning** and **removed at the end of the day** to make room for the next session. A mounting system will be provided on site. Please make sure to place your poster on the panel with the number indicated below, according to your assigned session.

Posters should be printed in **A0 vertical format**.



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**Wednesday 23.07**

**Session 1 - Teaching and Learning 1 – Chairpersons: WOLSCHRIJN Claudia / KUBALE DVOJMO Valentina**

Hour	Abstract number	Name	Title
9h15-9h27	1	Cornillie Pieter	Horse in motion: development of an equine kinematics visualization app.
9h27-9h39	2	Kuzir Snjezana	Structured locally — scattered globally: Why veterinary students struggle with mobility
9h39-9h51	3	Robert Céline	Creation of an inert model for learning radiographic positioning in dogs
9h51-10h03	4	Martin Alguacil Nieves	Integrating AI into Veterinary Education: The Role of ChatGPT in Flipped Learning
10h03-10h15		Laakkonen Juha	Learning perceptions from anatomical drawing workshops tailored for veterinary medical education

**Session 2 – Imaging Anatomy - Chairpersons: CORNILLIE Pieter / PARTUSCH Lena**

Hour	Abstract number	Name	Title
10h45-10h57	5	Stamatova-Yovcheva Kamelia	CT anatomical visualization of the rabbit kidneys
10h57-11h09	6	Kabkia Dieudonné	Contribution to the study of the radiographic anatomy of the axial skeleton of small ruminants in Dakar: the case of the ladoum sheep
11h09-11h21	7	Alvites Rui	Preliminary Findings on the Morphometric Characteristics of the Olfactory Bulb in the Cat
11h21-11h33		Wagner Franziska	Equine upper limb kinematics – a pilot study with high-speed fluoroscopy and optoelectronic motion capture.
11h33-11h45	8	Denoix Jean Marie	Ultrasound anatomy of interference between the costovertebral joint and the eighth cervical root of the brachial plexus
11h45 – 11h57	9	Sergio Mirko	Osteoarthritis in sows: a naturally occurring model for understanding meniscal degeneration



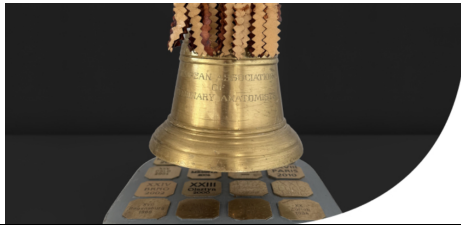
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## Poster Session 1

Chairpersons: **TERRADO VICENTE** José / **RUTLAND** Catrin / **REESE** Sven / **GERICS** Balazs

Abstract number	Name		Title
30	Lopez Albors	Octavio	Preliminary evaluation of a simulator for canine echocardiography based on 3D printed anatomical slices from plastinated specimens
31	Paul	Delphine	Enhancing Veterinary Anatomy Education Through 3D Clay Modeling: A Hands-On Approach to Understanding Equine Large Intestine Anatomy.
32	Kubale Dvojmoč	Valentina	One Health concept and anatomy education - the importance of comparative anatomy and (bio)security
33	Batista	Mariana	How Self-Study Strategies Influence Veterinary Anatomy Learning
34	Aktan	Ilknur	Attitudes towards the cadaver dissection
35	Catita	Joana	Exploring the Use of an Interactive Canine Musculoskeletal Model
36	Brassard	Coline	Impact of domestication and artificial selection on skeletal integration in dogs: morphological variability and functional adaptation.
37	Marcelino	Eduardo	Perceptions of veterinary students regarding cadaver dissection in anatomy teaching.
38	Olvera-Maneu	Sergi	Harmonizing Mouse Anatomy Terminology: A goal for the MorphoPHENconsortium
39	Terrado	José	Integrating Generative Artificial Intelligence in Veterinary Students' Clinical Case-Based Learning
40	Alexandre-Pires	Graça	In anatomy learning do not jump on the bandwagon just because you will have less opposition- recruit the educational methodology showing the best results, even a not brand new.
41	Witter	Kirsti	Adapted plate modelling method for the construction of anatomical models for teaching.
42	Gerics	Balazs	An alternative for cadaver storage – the brine.
43	Hadžiomerović	Nedžad	From Muscle to Meat: Using 3D Technology to Enhance Meat Classification and Veterinary Training
44	Florescu	Laura-Maria	Staining Smarter: An Interdisciplinary Approach to Teaching Histological Staining Techniques
45	Pankoke	Sophia	Integration of a Virtual Dissection Table in Anatomical Education: Benefits and Limitations
46	Almshelesh	Alaa	Soft plastination method for preparation flexible teaching anatomical models
47	Martin Alguacil	Nieves	Measuring Independent Study Time and Student Performance in a Flipped Learning Environment
48	Pizzoni	Théo	Creation and use of a serious game as a learning tool for the anatomy and physiology of the ear in veterinary-relevant species
49	Gorce	Chloé	Horse anatomy between the 16th and 19th centuries: history and evolution of knowledge from old books of the university library of the National Veterinary School of Toulouse
50	Amalric	Coraly	Creation of teaching aids to encourage learning of abdominal ultrasound in domestic carnivores
52	De Spiegelaere	Ward	The CAM assay as a model to investigate the invasive character of canine sarcomas
53	Gniesmer	Sarah	Single cell RNA sequencing from testes of conditional Sertoli-cell specific Connexin 43 knockout and wild type mice



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54	Aidos	Lucia	Cultured fat as an ingredient for in vitro meat: investigating edible supports for adipogenic differentiation.
55	Alexandre-Pires	Graça	Morphological characterization of canine monocyte-derived cells exposed to different in vitro stimuli: insights in scanning electron microscopy
56	Dougan	Hana	Histological features of the gastrointestinal system in Ball Pythons (Python regius)



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## Thursday 24.07

### Session 3 Molecular biology - Chairpersons: DE SPIEGELAERE Ward / PLEČAŠ Ante

Hour	Abstract number	Name	Title
8h30-8h42	10	Fisch Anne-Sophie	The potential of patient-derived organoids to recapitulate and model distinct radiosensitivity phenotypes in HNSCC
8h42-8h54	11	Pallaoro Margherita	Exploring the potential of subcutaneous and intramuscular adipose tissue as cell sources for cellular agriculture on decellularized vegetable scaffolds.
8h54-9h06	12	Michler Jule	Equine dermal fibroblast cultures in standardized scratch assays for assessment of non-invasive wound healing treatments.
9h06-9h18	13	Böse Katharina	Interferon-tau (IFN $\tau$ ) alters the expression of epithelial cell markers in bovine caruncular epithelial cells (BCEC) in a mono- and co-culture cell model
9h18-9h30	14	Hilbold Erika	Investigating long non-coding RNAs in the regenerating mouse heart

### Session 4 Teaching and Learning 2 - Chairpersons: Céline ROBERT / MUTSCHLER Nils

Hour	Abstract number	Name	Title
11h00-11h12	15	Inpanbutr Nongnuch	Using anatomy multimedia-dissection videos improved students' performance/scores and experiences: A Quantitative Study
11h12-11h24	16	Dittes Julia	"You can't judge a dog by its fur" - a situs model for anatomical training outside dissection hall.
11h24-11h36	17	Wolschrijn Claudia	Digitalised plastinates, a motivational bridge between atlas and dissection learning?
11h36-11h48	18	Schirone Rebecca	Low-Fidelity 3D-Printed Models in Veterinary Anatomy Classes – A Game Changer?
11h48-12h00	19	Paul Delphine	Integrating Ethics into Veterinary Education: Addressing Ethical Concerns in Dissection Training.



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## Poster Session 2

Chairpersons: **WAGNER Franziska / STRBENC Malan / ALIC Ivan / IRIMESCU Irina**

Abstract number	Name		Title
57	Valença	Andreia	Histological assessment of retinal thickness in a murine model of retinal iron overload.
58	Dougan	Hana	Potential of Imaging Methods for Studying the Functional Anatomy of the Ball Python ( <i>Python regius</i> ): A Preliminary Cadaver Study
59	Bourges-Abella	Nathalie	Histology of the ovary in New Zealand rabbits aged 9 days to 30 weeks
60	Brankovič	Jana	Epiphyseal growth plate in growing broilers when exposed to heat stress, high dietary levels of polyunsaturated fatty acids or antioxidants
61	Venâncio	Carlos	Characterisation of muscle fibres and subcutaneous adipose tissue in the Arouquesa breed for the sustainability of the traditional production system
62	Fischer	Nanne	Multilamellar structures in Cx43-deficient murine Sertoli Cells: Implications for basal ectoplasmic specializations and autophagy in the seminiferous tubule
63	Kau-Strebinger	Silvio	Dot blot for studying extracellular vesicle cargo topologies
64	Gabner	Simone	Location of tight junction proteins in the porcine jejunal mucosa.
65	Grochow	Thomas	Investigation of the influence of antimicrobial peptides on the developmental stages of <i>Toxoplasma gondii</i>
66	Piret	Hussar	Immunolocalization of SGLT1 and SGLT2 in bovine corpus luteum in their first trimester of pregnancy.
67	Chocová	M	Immunohistochemical identification of lymphatic vessels in the mouse pancreas. A technical approach to examine pancreatic damage and lymphatic drainage after iron overload.
68	Nacher	Victor	Streptozotocin-effects on fetal and adult pancreatic $\beta$ -cells of quails.
69	Schulda	Nadine	CYCLIC TENSILE TESTS ON CANINE CRUCIATE LIGAMENTS: IMPACT OF OSTEOARTHRITIS CHANGES ON VISCOELASTIC PROPERTIES.
70	Cotîrlă	Elena	The type of lymphatic vessels draining mammary carcinomas in female dogs as predictive factors for the presence of metastases in sentinel lymph nodes
71	Štrbenc	Malan	Aged mouse as model for morphological research on Alzheimer disease and cognitive disorders in dogs and cats
72	Mercati	Francesca	Visfatin protein localization in the reproductive system of luteal phase cows.
73	Plečaš	Ante	Trisomy 21 Alters Organelle Development and Morphology in Isogenic Neural Stem Cells
74	Plečaš	Ante	Yellow fluorescent protein (YFP) serves as a reliable marker for cell tracing in both in vivo and in vitro
75	Vladova	Diana	Rabbit heart anatomy: Insights from CT and MRI
76	Sellke	Lina	Optimising FCS-EV depletion for quasi xenofree EV enrichment from melanoma cells
77	Tomaszewska	Ewa	Effects of Glutamine on Performance and Tibia Properties in Laying Quail
78	Kras	Katarzyna	Impact of PTSD on Bone Health and the Potential Protective Role of CE123





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79	Rutland	Catrin	Comparative mRNA Analysis and Immunohistochemical Characterization of Canine Osteosarcoma
80	Osiak-Wicha	Cezary	Effects of Exogenous Irisin on Mandibular Growth and Biomechanics in Juvenile Wistar Rats
81	Pallaoro	Margherita	Myogenesis as a dynamic process: impact of birth season and rearing period on muscle development in pigs.
82	Rickmann	Kai Leonie	Establishment of in vitro models of bovine lactocytes and myoepithelial cells
84	Mirra	Giorgo	Through rainbow trout ( <i>Oncorhynchus mykiss</i> ) eyes: monitoring water quality in recirculating aquaculture systems using TiO <sub>2</sub> -Photoelectrocatalysis
86	Paquet	Charlène	Quantitative MRI assessment of early intervertebral disc degeneration in chondrodystrophic and non-chondrodystrophic dogs
87	Montel	Charles	Multimodal Assessment of Brain Aging in Dogs: A Translational Approach Using MRI and Histology
111	Saint-Martin	Julie	Age determination of European otter ( <i>Lutra lutra</i> ) by pulp cavity volume reduction of canine and carnassial teeth.



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## **Friday 25.07**

### **Session 5 Gross anatomy - Chairpersons: KUZIR Snjezana / BIEBL Franziska**

Hour	Abstract number	Name	Title
8h30-8h42	20	Rozwadowska Aleksandra	Significant structural diversity of muscular fascia demonstrated by biomechanical testing using swine antebrachial fascia model.
8h42-8H54	21	Brassard Coline	Better to be bitten by a wolf or a dog? A quantitative comparative study of the jaw adductors architecture in wild and domestic canids
8h54-9h06	22	Crevier-Denoix Nathalie	Kinetics and kinematics of the equine hind limbs at landing after a jump: Differences between leading and trailing limbs, and clinical incidence.
9h06-9h18	23	Rutland Catrin	Discoveries and Advances in Cardiac Heterotopic Ossification and Cartilago cordis Structure and Formation.
9h18-9h30	24	Biebl Franziska	The impact of different claw blocks and gluing techniques on the pressure distribution under the bovine claw

### **Session 6 Embryology, Histology & Immunochemistry - Chairpersons: KLISCH Karl / HUSSAR Piret**

Hour	Abstract number	Name	Title
11h00-11h12	25	Carlier Jeroen	The tumor microenvironment in low versus high grade canine mast cell tumors.
11h12-11h24	26	Kau-Strebinger Silvio	Rooted in complexity – Apical delta morphologies in dogs
11h24-11h36	27	Aidos Lucia	Photo-electrocatalysis and rearing density: effects on musculoskeletal development of rainbow trout fry (Oncorhynchus mykiss) reared in a recirculating aquaculture system
11h36-11h48	28	Klisch Karl	Is the formation of syncytia in the synepitheliochorial ruminant placenta an evolutionary remnant of an ancient endotheliochorial placentation type?
11h48-12h00	29	Partusch Lena	Myofibroblasts in equine exuberant granulation tissue – immunofluorescent characterization in situ and in vitro.





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### Poster Session 3

Chairpersons: **AKTAN Ilknur** / **PFARRER Christiane** / **LAACKONEN Juha** / **KUBALE DVOJMO Valentina**

Abstract number	Name		Title
88	Kabkia	Dieudoné	Contribution to the study of ultrasound anatomy abdominal in local breed dogs in dakar (senegal)
89	Goździewska-Harłajczuk	Karolina	Double Inlet Left Ventricle in a 12-Year-Old European Bison: Anatomical Assessment and Postmortem Computed Tomography Evaluation
90	Goździewska-Harłajczuk	Karolina	The Importance of Considering Laryngeal Paralysis in the Diagnosis of Respiratory Distress in Rabbits – a Case Report
91	Förster	Julia	Origin, course and fibre quality of the phrenic nerve in dogs
92	Klick	Alexandra	Anatomy of the feline sacroiliac joint.
93	Merluzzi	Ginevra	Anatomical revision of the dog's forelimb and chest girdle muscles using Anatomage Table Vet: a student's perspective.
94	Arciszewski	Marcin	A Comparative Study of Muscle Fiber Composition in Selected Muscles of Working and Companion Dog Breeds
95	Avedillo	Luis Javier	Anatomical Study of Perineal Region in Dogs: Vascular and Neural Considerations for Herniorrhaphy
96	Szara	Tomasz	Directional and Fluctuating Asymmetry in Bison Skulls
97	Alvites	Rui	Biomechanical Evaluation of the Sheep Common Peroneal Nerve After Crush Injury
98	Tassani-Prell	Johannes	How to capture the small movements of the canine sacroiliac joint in 3D
99	Stan	Florin	Variant anatomy of extrahepatic biliary system in guinea pigs
100	Dougan	Hana	The anatomical and histological characteristics of the green iguana (Iguana iguana) integumentary system and some other organs
101	Ataba	Aklesso	Thoracic Viscera Radiograph of the Normal Grasscutter (Thryonomys swinderianus, Temminck, 1827).
102	Maierl	Johann	Macroanatomical analysis of the formation of the lumbosacral plexus in alpacas (Vicugna pacos)
103	Maierl	Johann	Morpho-Histological analysis of the alpaca (Vicugna pacos) stomach: glandular and epithelial variations
104	Maierl	Johann	Anatomical basics of the external and middle ear in alpacas as a foundation for imaging diagnostics of otitis media
105	Mutschler	Nils	Origin and Distribution of the Brachial Plexus of Alpacas (Vicugna pacos)
106	Richter	Jessica	The Diameters of the Feline Vertebral Canal from Th1 to S1
107	Tandir	Faruk	Morphology of canine tooth root canals in cats
108	Weis	Sophia	A topographical anatomical description of the orbit of the alpaca
109	Zagrai	Gravila	Morphology and topography of coronary arteries in pigs
110	Walter	Ingrid	Microarchitecture of the alpaca skin
112	Cazimir	Iuliana	The stomach compartments' microscopy in wild and domestic small ruminants (Capreolus capreolus vs Ovies aries)



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113	Hunjadi	Doroteja	Histological structure of the digestive tract in the common wall gecko ( <i>Tarentola mauritanica</i> )
114	Engelke	Elisabeth	Comparison of the Morphology and Vasculature of the Metatarsal Pad between Hawks and Falcons
115	Catita	Joana	Dichotomous key for the anatomical identification of fish in the context of veterinary food safety official controls in Portugal.
116	Jurgelėnas	Eugenijus	Prevalence of Periodontal Disease in Wild Canidae Species of Lithuania
117	Cornillie	Pieter	Right atrial myocardial sleeves in the equine coronary sinus and great cardiac vein with potential connection to the left atrium
118	Irimescu	Irina	Patterns of origin and side distribution of bronchoesophageal arteries and related dorsal intercostal branches in the canine thorax - a preliminary study
51	Senut	Sébastien	Development of a photographic atlas of sheep myology and neurology intended as a teaching tool for second- and third-year students at ENVT
119	Robert	Céline	Insight into tail angiology in <i>Panthera Felids</i> and implication for blood sampling
	Ramirez Zarzosa	Gregorio	Comparative anatomy of the skull bones of odontocetes and Artiodactyla using bone preparations, volumetric tomographic reconstructions and three-dimensional impressions.