

**XII. ULUSAL / III. ULUSLARARASI  
VETERİNER ANATOMİ KONGRESİ  
27 - 29 EYLÜL 2023**

**XII. NATIONAL / III. INTERNATIONAL  
VETERINARY ANATOMY CONGRESS  
SEPTEMBER 27 - 29 2023**



**B&C Hotel, Samsun, TÜRKİYE  
CONGRESS BOOK**

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VETERINARY ANATOMY CONGRESS  
SEPTEMBER 27 - 29 2023  
SAMSUN**



# Scientific Program

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## **1st Day (September 27, 2023)**

**08:30-10:00** Registration and Hanging of Posters

**10:00-12:00** Opening, Opening Speeches, Barkovision Show

**12:00-13:00** Association Meeting

**13:00-14:30** Lunch

**14:30-18:30** City Sightseeing

**19:30-24:00** Congress Opening Dinner

## 2nd Day (September 28, 2023)

SESSION 1 ORAL PRESENTATIONS (Brillant Hall) 9.00-10.30

**Chairs:** Prof.Dr. R. Merih Hazıroğlu, Assoc.Prof. Ozan Gündemir

O.1 "The Evolution of the Digital Anatomy Museum" **Nedžad Hadžiomerović**

O.2. "3D Scanners and their use in Veterinary Anatomy" **Ali Koçyiğit**

O.3. "Augmented Reality (WebAR) Imaging of Canine Cervical Vertebrae"  
**Semih Kurt**

O.4. "The Use of Radiant DICOM Viewer Program in Veterinary Medicine"  
**Nimet Turgut**

O.5. "Anatomical Comparison, 3D Modelling and Printing of Clavicula (Furcula) in Pheasant (*Phasianus colchicus*) and Buzzard (*Buteo buteo*)"  
**Süleyman Yüksel**

O.6. "Uses of Artificial Intelligence in Veterinary Anatomy " **Dicle Gül Arıcı**

O.7. "Don't Forget the Dissection" **William Pérez**

## 2nd Day (September 28, 2023)

COFFEE BREAK POSTER PRESENTATIONS (Roof Saloon) 10.30-11.00

**Chairs:** Prof.Dr. Burcu Onuk, Assoc.Prof. Burhan Toprak

P.1 "Morphometric Analysis of the Cat Skull and its Clinical Importance in Dental Procedures " **Faruk Tandir**

P.2. "Shape Variation of Squama Occipitalis in Dogs and Wolves" **Ozan Gündemir**

P.3. "Determination of Gender Effect on Occipital Shape in Sheep by Geometric Morphometric Method" **Erdi Topuz**

P.4. "Analysis of Goat Scapula with Geometric Morphometric Methods in terms of Gender" **Ayşegül Özen**

P.5. "Methodology for Processing Animal Bones to Create Museum Specimens" **Vasyl Melnikov**

## 2nd Day (September 28, 2023)

SESSION 2 ORAL PRESENTATIONS (Brillant Hall) 11.00-12.30

Chairs: Prof.Dr. Çağdaş Oto, Assoc.Prof. Gülseren Kırbaş Doğan

O.8 "Morphological and Morphometric Examination of Anatomical Structure In the Carpal Tunnel in Rabbits" **Firuze Turker Yavas**

O.9. "Investigation of Talus Shape in Goat (Capra Hircus) with Geometric Morphometry Method" **Tuğba Oktay**

O.10. "Morphological Evaluation of Three-Dimensional Phalanx Proximalis Models in Cattle Using ALPACA" **Ermış Özkan**

O.11. "Dog Breed Estimation with Geometric Morphometry Using Mandible" **Nicoleta Manuta**

O.12. "A Comparative Evaluation of the Frontoparietal Suture in Human, Fox, and Sheep" **Abdullah Ortadeveci**

O.13." Skull Morphometry and Genetic Characterization of Illyrian Molos Dog Breed in the Southern Albania" **Sokol Duro**

O.14. "Three-Dimensional Modelling and Morphological Analysis of Leopard (Panthera Pardus) Cranium Skeleton" **Asuman Arkaş Alklay**

## 2nd Day (September 28, 2023)

SESSION 2 Oral PRESENTATIONS (Roof Saloon) 11.00-12.30

Chairs:, Prof.Dr. Hasan Hüseyin Arı, Assoc.Prof. Caner Bakıcı

O.15. "Calculation of Intracranial Volume in Akkaraman and Kangal Akkaraman Sheep by Stereology and Computed Tomography" **Hacer Baş Ekici**

O.16."Usage of Magnetic Resonance Imaging in the Brain of Domestic Mammals" **Sedat Aydoğdu**

O.17."Anatomy of the Ventricular System of Bulbus Olfactorius in Akkaraman Sheep" **Fatma Köse**

O.18."Examination of Sheep Cerebellum with Scanning Electron Microscope (SEM) After Silicon Plastination" **Saime Betül Baygeldi**

O.19. "Student and Veterinarian Views About Clinical Anatomy and Topographic Anatomy Courses" **Yasin Demiraslan**

O.20. "Effects of Face to Face and Online Teaching Methods on Student Performance in Veterinary Anatomy Education" **Caner Bakıcı**

O.21. "Efficient Use of Anatomic Specimens and Models in Veterinary Clinical Skills Laboratories for Undergraduate Education" **Okan Ekim**

12.30- 13.30

Lunch (B&C restaurant)

## 2nd Day (September 28, 2023)

POSTER PRESENTATIONS (Roof Saloon) 13.30-14.00

Chairs: Assoc.Prof. Aydın Alan, Assoc.Prof. Lutfi Takcı

P.6. "Geometric Morphometric Analyses of Adult and Juvenile Tortoise Shells: Symmetry Asymmetry" **Ece Oktay**

P.7. "Morphologic Structure of the Roe Deer (*Capreolus Capreolus*) Hyoid Bone and Creating a 3D Model" **Fatmanur Sila Keskin**

P.8. "Three-Dimensional Modeling and Morphometric Investigation of the Stork (*Ciconia ciconia*) Cranium" **Betül Kanik**

P.9. "Veterinary Anatomy Learning Experience with Virtual Reality Teaching Materials" **Hany Savitri**

P.10. "Comparative Anatomy of the Mandible in BALB/c and C57bl/6 Mice" **Duygu Küçük Ağaç**

## 2nd Day (September 28, 2023)

SESSION 3 ORAL PRESENTATIONS (Roof Saloon) 14.00-15.45

Chairs: Prof.Dr. Özcan Özgel, Assoc.Prof. Okan Ekim

O.22 "Arts in Veterinary Anatomy Using the Exemple of the Horse" **Horst Erich Konig**

O.23. "Anatomical Approaches to Horse Conformation" **İsmail Gökçe Yıldırım**

O.24. "An Anatomical Horse Dental Simulator Study" **Nuran Aydın**

O.25. "Preparation of Dog Thorax Skeleton by Additive Manufacturing Model" **Sadullah Bahar**

O.26. "Morphofunctional Aspects of the Terminal Part of Porcine Glomerular Afferent Arteriole" **Angel Vodenicharov**

O.27. "Modern Trends in Applied Museology. Polymer - Advantages and Disadvantages" **Nikolay Tsandev**

O.28. "Brain Slices Plastination with Domestic Polyester (Turkuaz Polyester)" **Hasen Awel Yunus**

O.29. "Structure and Function of the Mammalian Zona Pellucida and the Avian Perivitelline Layer and Their Role in Prevention of Polyspermy" **Fred Sinowatz**

## 2nd Day (September 28, 2023)

COFFEE BREAK POSTER PRESENTATIONS (Roof Saloon) 15.45-16.15  
Chairs: Prof.Dr. Mehmet Kiliç, Prof.Dr. Emine Karakurum

P.11 "Vascular Characteristics of the Hoof of the Bosnian Mountain Horse

" **Rizah Avdić**

P.12. "Investigation of the Macroanatomic and Histologic Structure of the Infraorbital Sinus in Tuj Sheep" **Gülseren Kirbaş Doğan**

P.13. "Formation and Course of the Phrenic Nerve in Sheep" **Sadullah Bahar**

P.14. "Anatomical and Histological Features of Lingual Papillae on Tongue in Squirrel (Sciurus vulgaris)" **Burhan Toprak**

P.15. "A Histological Study of Purple Heron Tongue" **Nurcan Delice**

P.16. "3D Modeling of Ligamentum Cruciatum Anterior Surgery in Dog" **Eyüp Koçak**

## 2nd Day (September 28, 2023)

SESSION 4 ORAL PRESENTATIONS (Brillant Hall) 16.15-17.45  
Chairs: Prof.Dr. Sami Özcan, Prof. Dr. Mustafa Orhun Dayan

O.30 "As a Laboratory Animal; Comparative Anatomy of Coxae and Pelvic Cavity of Rat Strains in a Scientific Aspect " **Yasemin Üstündağ**

O.31. "Macroanatomical Examination of Male Genital in A Striped Hyenaia in a Striped Hyena" **Lutfi Takcı**

O.32. "Arterial Vascularization, Morphometric Structure and Histological Investigation of Horn in a Wild Goat" **Gülseren Kirbaş Doğan**

O.33. "Investigation of Morphological and Scanning Electron Microscopic Properties of Kangal Dog Bristles in Balıkesir Region" **Mustafa Korkmaz**

O.34. "Anatomy of Glandulae Anales in Anatolian Ground Squirrels" **Tuba Cansu Özkocaoğlu**

O.35." The Morphological Investigation on Foot Pads in the Striped Hyena (Hyaena hyaena)" **Hasan Hüseyin Arı**

O.36." Quantitative Measurement of Retinal Thickness by Using Optical Coherence Tomography in the European Rabbit" **Bariş Batur**



## 2nd Day (September 28, 2023)

SESSION 4 ORAL PRESENTATIONS (Roof Saloon) 16.15-17.45

**Chairs:** Prof.Dr.İlknur Dabanoğlu, Assoc.Prof. Sokol Duro

O.37 "Histological Changes in the Liver of rats with Diet-Induced Insulin Resistance" **Penka Yonkova**

O.38. "4G Mobile Phone Radiation Alters Some Histopathological, Biochemical Parameters, Immunogenic and Vascular Gene Expression in Chick Embryo Model" **Md.Sadequl Islam, sadeq**

O.39. "Experimental and Morphological Study of Reparative Properties of Connective Tissue Elements of Mammalian's and Bird's Locomotor Apparatus, Their Segmental, Extra- and Intra-Organic Innervation and Vascularization" **Olga Bevz**

O.40. "Comparison of Adipose Tissue Derived Stem Cells Isolated with Type 1 and Type 2 Collagenase Enzyme" **Yeşim Aslan Kanmaz**

O.41. "Anatomical and Morphological Characteristics of Shellfish Pecten Jacobaeuss (L. 1758) from the Adriatic Sea" **Tomislav Šarić**

O.42. "Imaging of Rabbits' Limbs Superficial Veins with Latex Injection and Veinviewer" **Funda Aksünger Karaavcı**

O.43. "Anatomical Basis for the Use of Nerve Conduction Anesthesia Techniques of Limbs in Dogs Using a Neurostimulator" **Dmytro Sliusarenko**

## Gala Dinner

## 3rd Day (September 29, 2023)

## Social Activities