

ISCAA

2026

SCIENTIFIC PROGRAMME

VIENNA

3 - 5 SEPTEMBER 2026

International Symposium of Clinical and Applied Anatomy

3 Thursday

13:00-13:15 **Opening** *Welcome and opening remarks*

13:15-14:00 **Keynote Lecture 1** *title to be announced Czech, Herwig*

14:00-14:30 **Coffee Break**

14:30-16:00 **Parallel Oral Sessions**

S01 HS 1

Cranial, Neurovascular & Skull-Base Surgical Anatomy (8 presentations)

14:30 MOYAMOYA DISEASE WITH BILATERAL OCCLUSION OF THE INTERNAL CAROTID, ANTERIOR CEREBRAL AND MIDDLE CEREBRAL ARTERIES: A CASE REPORT *YAHYAOĞLU, SÜMEYYE*

14:40 AI-Based Inference of Vertebral Artery Dominance from Calibre-Neutral V1 Course Morphology on CT Angiography *Tudose, Răzvan*

14:50 Morphological Variability of the Anterior Condylar Confluent of Trolard: A CT Angiographic Case Series Documenting Novel Venous Variants at the Craniocervical Junction *Rusu, Mugurel*

15:00 NOVEL CLASSIFICATION OF TRIGEMINAL NERVE-SUPERIOR CEREBELLAR ARTERY RELATIONSHIPS *Triantafyllou, George*

15:10 Revisiting the Middle Meningeal Artery: Anatomical Insights into Chronic Subdural Hematoma Embolization and Emerging Indications for Migraine *Lucas-Neto, Lia*

15:20 Antero-superior dehiscence of the horizontal carotid canal: a CBCT morphometric and bilateral-symmetry study of the intrapetrous carotid canal in adults *ALBU, ANDREI*

15:30 NAVIGATING THE ORBITAL APEX: DOES THE MENINGO-ORBITAL BAND HOLD THE KEY TO SAFER TRANS-ORBITAL ENDOSCOPY? *Bilecenoglu, Burak*

15:40 Anatomical Analysis of the Course and Risk Zones for Iatrogenic Injury of the External Branch of the Spinal Accessory Nerve and the Vagus Nerve in the Surgical Field of Deep Cervical Lymphatic-Venous Anastomosis (DCLVA) *Vavricka, Stella*

S02 HS 2

Upper Limb, Shoulder & Peripheral Nerve Surgery (8 presentations)

14:30 The multilayered structure of the shoulder joint capsule, *González-Arnay, Emilio*

14:40 Clinical and Radiographic Outcomes After Locking Plate Fixation of Proximal Humerus Fractures *Uygur, Alp Giray*

14:50 Topographic Reassessment of the Circumflex Scapular Artery: Morphometric Analysis, Variability, and Surgical Relevance *Irschick, Regina*

15:00 Surgical Anatomy of the Radial Nerve and Posterior Interosseous Nerve: Strategies to Avoid Nerve Injury in Proximal Radius Shaft Plating *Acar, Erdinc*

15:10 Prevalence Assessment and Morphometric Analysis of the Anconeus Epitrochlearis Muscle and Its Impact on the Ulnar Nerve: An Ultrasonographic Study *Garbacik, Aleksandra*

15:20 Pronator Quadratus Anatomy Revisited: Three-dimensional Aspect for Surgical Approaches *Salman, Necati*

15:30 Defining a Safe Access Zone in the Anatomical Snuffbox: Topographic Mapping of the Superficial Branch of the Radial Nerve and the Radial Artery *Güner, Mehmet*

15:40 Prevalence of Lateral Epicondylitis Among Medical Students and Its Association with Study Habits, Posture, and Electronic Device Use *Gözüm, Nigar*

16:00-16:15 **Break**

16:15–17:30 Parallel Oral Sessions**S03 HS 1****Anatomy Education, Equity & Professional Development (6 presentations)**

- 16:15** Equality, Diversity and Inclusion in Anatomical Education *Brenner, Erich*
- 16:25** Gender disparities in faculty rank, scholarly productivity, and publication impact within anatomy departments across Türkiye: A thirty-year bibliometric study *Coşkun, Osman*
- 16:35** Evaluation of Anatomy Education and Curriculum in the Physiotherapy and Rehabilitation Program, Faculty of Health Sciences *KARAKILIÇ, Mahinur Rabia*
- 16:45** Differences in Anatomy study habits among Greek and English-language Undergraduate students of Aristotle University of Thessaloniki *Lyrtzis, Christos*
- 16:55** From Ad-hoc to Structured: A Systematic Review of Near-Peer Teaching in Anatomy Education Across the World *Davey, Ross*
- 17:05** Reframing the Body in Anatomy Education: The Influence of Terminology on Respect, Professionalism, and Ethical Perception *Bezdicova, Marcela*

S04 HS 2**Surgical Corridors, Procedural Anatomy & Risk Zones (5 presentations)**

- 16:15** ANATOMICAL TYPOLOGY AND VASCULAR RISK MAP OF THE FACIAL ARTERY: A COMBINED CADAVERIC AND RADIOLOGICAL STUDY *KAYGIN, Emre*
- 16:25** Sigmoid Sinus Positioning and Surgical Corridor Limitation in Cochlear Implant Surgery: Correlation Between Facial Recess Measurements and Sinus Tympani Volumetry *kalaycı, duygu*
- 16:35** INVESTIGATING THE RELATIONSHIP OF THE SPHENOIDAL SINUS AND CAROTID CANAL WITH NEUROVASCULAR STRUCTURES FOR ENDOSCOPIC ENDONASAL SURGERY WITH DYNA-CT METHOD *Yilmaz, Zeynep*
- 16:45** The Greater Sciatic Notch Based Transcolumnar Magic Screw Trajectory In The Acetabulum: An Anatomical Guide *İsmailoğlu, Pelin*
- 16:55** Three-Dimensional Mapping of Neural Danger Zones in Distal Tibial Fractures *yilmaz, mehmet*
- 18:00-22:00 Networking Reception** *Josephinum*

4 Friday

09:15–10:00 **Keynote Lecture 2** *High Resolution Micro- and Nano-CT Imaging of Human Inner Ears for Morphometry Analysis and Computer Simulation of Electrical Stimulation* Glückert, Rudolf

10:00–10:30 **Coffee Break**

10:30–12:30 **Parallel Oral Sessions**

S05 HS 1

Forensic & Aesthetic Anatomy (10 presentations)

10:30 INTEGRATION OF ANATOMICAL ANTHROPOMETRY INTO FORENSIC OSTEOLOGY: A SYSTEMATIC DECISION GUIDE FOR BIOLOGICAL PROFILE ESTIMATION Karip, Burak

10:40 Medical imaging as tool for the study of forensic clinical anatomy Macchi, Veronica

10:50 Osteoporosis as challenge in forensic fracture evaluation Hirtler, Lena

11:00 Migraine-headache related anatomy of the face and neck Konschake, Marko

11:10 Anatomical Variability of Facial Neurovascular Structures and its Relevance in Minimally Invasive Aesthetic Procedures Apaydin, Nihal

11:20 Future perspectives of Forensic Clinical Anatomy? Hirtler, Lena

11:30 Complications of Minimally Invasive Facial Aesthetic Procedures: Clinical Outcomes and Medicolegal Implications from Türkiye KARA, Zekiye Gözde

11:40 Relationship Between Lip Morphometry and Perceived Smile Attractiveness in Young Adults Tunç, Mahmut

11:50 THE UPPER BLEPHAROPLASTY AND PATIENT SATISFACTION Eric, Mirela

12:00 Landmark-Based Morphometric Mapping of the Frontal Branch of the Facial Nerve: Defining a Practical Surgical Safe Zone Sağlam, Latif

S06 HS 2

Neuroanatomy, Brain Imaging & Neuroscience (11 presentations)

10:30 Investigating the Impact of Interferon Beta-1 on Thalamic Structure in Multiple Sclerosis Patients Khasawneh, Ramada

10:40 SUBCORTICAL ASYMMETRY AND COGNITIVE RESERVE IN HEALTHY AGING: A COMPARATIVE MRI ANALYSIS IN YOUNG AND OLDER ADULTS Yaz, Elif

10:50 Beyond Atrophy: Increased Hippocampal Subfield Volumes in Epilepsy - A Volumetric Study Büyükuysal, Ece

11:00 CNR1-Associated Oligodendroglial Remodeling in the Corpus Callosum of Cuprizone-Treated Mice Gaydarski, Lyubomir

11:10 Role of the Apelin Receptor in Astrocyte Reactivity and Functional Recovery in a Mouse Model of Demyelination Petrova, Kristina

11:20 EEG-BASED FUNCTIONAL BRAIN NETWORK ANALYSES IN PATIENTS WITH ATRIAL FIBRILLATION Yılmaz Dere, Zeynep Bilge

11:30 Mapping Structural Abnormalities in Cerebellar Lobuli via Voxel-Based Morphometry and Cortical Thickness Analysis: A Large-Scale 3D MRI Study in ASD güler, özlem

11:40 VOLUMETRIC EXAMINATION OF THE HIPPOCAMPUS AND SUBREGIONS OF PATIENTS WITH FRONTOTEMPORAL DEMENTIA ON MAGNETIC RESONANCE IMAGES WITH FREESURFER Şahin, Menşure

11:50 Subject-specific retinotopy-informed mapping of the optic radiation in healthy aging using diffusion MRI Lahutsina, Anastasiya

12:00 Morphologic and Volumetric Aspects of Common Brain Structures on MRI in Psychotic Disorders Including Schizophrenia, Schizoaffective Disorder and Psychotic Bipolar Disorder Ertugrul, Miray

12:10 The effect of dietary caffeine on nitric oxide and calcitonin gene-related peptide levels in migraine patients Khasawneh, Ramada

12:30-13:30 Lunch Break & Poster Session 1 50 posters

Poster Session 1 — Poster presentations

- P1-01** Body Mass Index as a Predictor of Medial Longitudinal Arch Collapse and Pes Planus: Implications for Clinical Assessment and Management. *Johnbull, Tamuno-Olobo*
- P1-02** Drawing-based methods for Anatomy teaching: long-term retention results of a natural experiment. *González-Arnay, Emilio*
- P1-03** From Traditional Dissection to Digital Tools: A Longitudinal Overview of Anatomical Learning at the Faculty of Medicine in Rijeka *Hero, Nikolina*
- P1-04** OVERVIEW OF THE USE OF THE 3D SLICER PLATFORM AND PROTOTYPING IN THE ANATOMY COURSE *Kazoka, Dzintra*
- P1-05** Use of various exam formats in Veterinary Anatomy for second- and third-semester students *Bernigau, Dora*
- P1-06** Age-related Caudal Shift of the Conus Medullaris in Elderly Individuals: Implications for Lumbar Puncture Safety *Alan, Recep*
- P1-07** Almost complete mineralisation of the epiglottic cartilage on CTA: clinical anatomy and radiological differential diagnosis *Stăncioiu, Irina*
- P1-08** Biomechanical Modeling of Carotid Arteries Based on Postmortem Casts: Insights for Clinical Anatomy *Kuzyk, Yuliia*
- P1-09** CLASSIFICATION OF CAROTID ARTERIES-SUPERIOR CORNU OF THYROID CARTILAGE RELATIONSHIPS *Triantafyllou, George*
- P1-10** CLINICAL ANATOMY OF THE FOREARM WITH SPECIAL FOCUS ON THE ESSEX-LOPRESTI FRACTURE – PRELIMINARY REPORT *Baca, Vaclav*
- P1-11** CRANIAL MORPHOLOGICAL PRESENTATION OF SCAPHOCEPHALY: ANATOMICAL INSIGHTS FROM A SELECT SOUTH AFRICAN POPULATION *Pillay, Simren*
- P1-12** Frequency and morphometry of individual fascicles of wrist ligaments. *González-Arnay, Emilio*
- P1-13** Intercondylar Ridges as Markers of Functional Femoral Cruciate Ligament Attachment - A 3D-CT and Histological Study *Mittendorfer, Johannes*
- P1-14** MORPHOLOGY of the VERMIFORM APPENDIX INNERVATION (observational study). *Haviarová, Zora*
- P1-15** Morphological Characteristics of the Pes Anserinus Musculo-Tendinous Complex: A Cadaveric Study *Yeşil Aksoy, Hatice Kübra*
- P1-16** Morphology of the Lingual Nerve: Mitigating Iatrogenic Injury *Manum, Pornnapat*
- P1-17** Morphometric Study of Stylomastoid Foramen and Clinical Significance *YALMAN, Aysenur*
- P1-18** PRELIMINARY MORPHOMETRIC ANALYSIS OF DIGITAL MODELS OF PALATE CASTS IN INFANTS WITH ISOLATED CLEFT PALATE *Vymazalová, Kateřina*
- P1-19** ROLE OF AQUAPORINS AS SKIN WOUND VITALITY MARKERS IN LIGATURE MARKS IN A COHORT OF SUICIDAL HANGING *Potaliya, Pushpa*
- P1-20** Systematic Bias in Intraoperative Mitral Valve Annulus Sizing: Comparison of In Situ and Ex Situ Measurements in Human Donor Hearts *Schwendt, Karoline*
- P1-21** The Effects of Resveratrol on Biomechanical Profile in Ovariectomized Rats: A Three Point Bending Study *Ozturk, Seval*
- P1-22** The Tentorial Bar over the Foramen Trigemini: A CBCT Prevalence and Morphometric Pilot Study *Stăncioiu, Ilinca*
- P1-23** The human hypoglossal nerve transforms from a pure motor to a mixed nerve along its course *Didava, Giorgi*
- P1-24** ULTRASOUND INVESTIGATION OF THE RADIAL ARTERY FOR NEURO-INTERVENTION *Singh, Aleisha*
- P1-25** Anatomical Variations of the Obturator artery in the Thai Population *Thaworn, Kiruchapas*
- P1-26** Anatomical Variations with a Novel Classification of the Thyrocervical Trunk in the Thai Population: A Cadaveric Study *sookananchai, phurit*
- P1-27** BILATERAL ASYMMETRIC TRUNK VARIATION OF THE EXTERNAL CAROTID ARTERY: RIGHT THYROLINGUOFACIAL AND LEFT LINGUOFACIAL TRUNKS ON 3D-CT ANGIOGRAPHY *KAYGIN, Emre*
- P1-28** Bias from Treating Right and Left Structures as Independent *Papadopoulos, Vasileios*
- P1-29** Injection of Lymphatic Vessels of the Lower Limb in Military Personnel after Mine-Explosive Injuries *Kuzyk, Yuliia*

- P1-30** MAPPING UPPER EXTREMITY ARTERIAL ANATOMY RESEARCH: A BIBLIOMETRIC ANALYSIS *Solmaz, Ekrem*
- P1-31** Morphometric Analysis of the Dorsal Aspect of the Cervical Spinal Cord and Its Relationship with the Vertebral Column in Human Fetuses *SEVMEZ, Fatma*
- P1-32** Supraclavicular Foramina in Dry Clavicles: Observational Study and Meta-Analysis of Prevalence and Laterality *Papadopoulos, Vasileios*
- P1-33** THE RARE EXTREME SHAPE AND TRAJECTORY OF THE SPLENIC ARTERY AT THE CADAVERIC SPECIMEN *Močnik, Damjan Jonas*
- P1-34** Morphology of the Digital Flexor Tendon System in the Hindlimb of the Southern White Rhinoceros (*Ceratotherium simum*) *Benninger, Brion*
- P1-35** Comparative Hindlimb Anatomy of the Southern White Rhinoceros (*Ceratotherium simum*), Equine, and Bovine: Biomechanical and Locomotor Adaptations *Benninger, Brion*
- P1-36** Fibre bundle morphology and aponeuroses of the neonatal soleus: A three-dimensional modelling study *Mirjalili, Ali*
- P1-37** A Demand–Capacity Failure Index Identifies Mandibular Fracture Vulnerability Independent of Impact Location *Tudose, Răzvan*
- P1-38** Estimation BMI Using Geometric Morphometrics of 3D CT Cranial Models *Kim, Hye-Yeon*
- P1-39** Non-destructive methods of anatomical and histological analysis through Mueller-matrix polarimetry *González-Arnay, Emilio*
- P1-40** Predicting Glaucoma in Individuals Using Machine Learning Algorithms Based on Morphometric Parameters Obtained from Optical Coherence Tomography Images *Öztürk, Cansu*
- P1-41** Ethical dilemmas in the possession and use of human skeletal remains in Greece: legal status versus operational reality *Malkidou, Nymfodora*
- P1-42** Legal and Ethical Scoring in Body Donation: A Comparative Study Across Three Countries *Cuneyit, Ibrahim*
- P1-43** A Spheroid Model of Primary Human Meibomian Gland Epithelial Cells Promotes Glandular Differentiation and Function *Cizmeci, Gizem*
- P1-44** Connectivity changes of the paraterminal gyrus and subcalar gyrus in DTI analysis in schizophrenia *Musil, Vladimír*
- P1-45** EPITHELIUM MORPHOMETRY AND OLFACTORY MARKER PROTEIN EXPRESSION IN A MODEL OF OLFACTORY DYSFUNCTION *Alves-Pimenta, Maria Sofia*
- P1-46** Effects of Neuronal Membrane Precursors Administered During Prenatal and Lactation Periods on Skeletal Muscle in the 5XFAD Alzheimer's Animal Model *Uckaris, Mukaddes*
- P1-47** Complex Cervicothoracic Arterial Phenotype in a Bovine-Type Aortic Arch: Intramediastinal Right Subclavian Branching and Bilateral Carotid–Subclavian Crossings *Zamfir, Iulia-Ştefana*
- P1-48** MRI Findings of Jejunal Ectopic Pancreas Accompanied by Incomplete Pancreas Divisum *Karaduman, Asya*
- P1-49** Morphological diagnosis of primary ciliary dyskinesia in patients with “normal” ciliary ultrastructure *Pánska, Dominika*
- P1-50** The Palatine Recess of the Maxillary Sinus — Case Report, Review, and AI Comparative Analysis *Tibacu, Victor*

13:30–15:30 Parallel Oral Sessions**S07 HS 1****Lower Limb, Knee, Foot & Sports Anatomy (9 presentations)**

- 13:30** Foot Morphometry as a Predictor of Jumping Performance in Young Adults: A Correlation and Machine Learning Study *Tunç, Mahmut*
- 13:40** Anatomical study of type classification for tibialis anterior tendon insertion in the Thai population: A cadaveric study *Vivattanaamornchai, Pimmada*
- 13:50** Influence of Minimalist Footwear on Intrinsic Foot Muscle Characteristics, Arch Integrity, and Foot Function: A Systematic Review Protocol *ANTONY SOUNDARARAJAN, LEO RATHINARAJ*
- 14:00** Does the Relative Longitudinal Position of the Navicular Bone Affect Single-Leg Heel Rise Performance? A Pilot Study *KAYA, Gizem*
- 14:10** VASCULAR ANATOMY of the CALCANEUS *celik, elif*
- 14:20** Sulcus terminalis femoris – constant anatomical structure in healthy knees? *Kachlik, David*
- 14:30** The Popliteus Complex as a Functional Anatomical Unit: A Multimodal Study of Structural Components and Meniscal Stabilizers *Comert, Ayhan*
- 14:40** Interactive Effects of Posterior Tibial Slope, Tibial Tubercle Morphology, and Patellar Height on Anterior Cruciate Ligament Injury Risk in Male Patients: A Large Case–Control Study *Çimen, Kaan*
- 14:50** BIOMECHANICAL LOADING OF THE KNEE IN EQUESTRIAN RIDERS: EFFECTS OF SHOCK-ABSORBING STIRRUPS ASSESSED BY ACOUSTIC MYOGRAPHY *Wagner, Franziska*

S08 HS 2**Muscle Architecture, Innervation & Functional Biomechanics (10 presentations)**

- 13:30** MORPHOMETRIC FEATURES OF THE EXTRAPSOAS MAJOR MUSCLE COURSE OF THE LUMBAR PLEXUS BRANCHES *Akgül, Sude*
- 13:40** Breaking paradigms in the innervation of the tensor fasciae latae (TFL) muscle: An anatomical study and clinical implications *Fagundes Silva, Luana*
- 13:50** UNDERSTANDING THE CLINICAL AND EVOLUTIONARY ASPECTS OF ANATOMICAL STRUCTURE THROUGH FUNCTIONAL BIOMECHANICS *Das, Rajat*
- 14:00** Myotonometric Analysis of Lower Limb Musculotendinous Structures in Sedentary Individuals: A Pilot Study on Symmetry and Gender *SEVMEZ, Fatma*
- 14:10** Investigation of viscoelastic use of upper extremity posture supporting muscles in sedentary office workers: A preliminary study *Şencan, Zeynep*
- 14:20** Clinical anatomy of referred low back pain: biomechanical alterations of the lumbopelvic region in low back pain associated to menstruation *Alberola-Zorrilla, Pilar*
- 14:30** Investigation of Viscoelastic Properties of Certain Muscle and Skin Regions in SLE Patients: A Comparative Study *İnce, Rümeysa*
- 14:40** ALPHA-SYNUCLEIN PATHOLOGY OF THE PERIPHERAL NERVOUS SYSTEM IN PARKINSON'S DISEASE: IS IT A SYSTEMIC DISEASE? ANATOMO-CLINICAL EVIDENCE *Emmi, Aron*
- 14:50** BIOCHEMICAL ANALYSIS OF THE EFFECTS OF ASPROSINE ON BONE TISSUE *Mengi, Sevinç*
- 15:00** Mapping of the Thyroid-Related Nerves: New insights from Immunohistochemical and Quantitative Analysis *Lohmann, Ronja*

15:30-16:00 Coffee Break

16:00–17:30 Parallel Oral Sessions**S09 HS 1****Surgical Corridors, Procedural Anatomy & Risk Zones** (9 presentations)

- 17:20:00** Abdominal Wall Closure – From Bench to Bedside: Biomechanical Foundations and Long-Term Clinical Evidence *Fortelny, Rene*
- 16:00** Morphological study of the left ventricular papillary muscles *Sanongraj, Waranwut*
- 16:10** Morphological Study of the Right Ventricular Papillary Muscles *Jitvootthikai, Thanapat*
- 16:20** Anatomically “Malignant,” Clinically Silent: An Interarterial Right Coronary Artery from the Left Coronary Sinus *Muhtaroglu, Musa*
- 16:30** Anatomy of Crural Intersaphenous Veins: Suggesting the Clinical Significance of Long Neglected Vessels *Sedlák, Adam*
- 16:40** Dunbar Syndrome: Diagnostic Imaging Findings and Therapeutic Approaches *Zarafi, Toma*
- 16:50** Anatomical Origin and Composition of Somatic Pleural Branches from Intercostal Nerves: A Cadaveric and Histological Study. *Villavicencio-Clayton, Sofia Grace*
- 17:00** The Concealed “Natural Orifice” of the Umbilicus – An Anatomical Study *Abousif, Antonius*
- 17:10** Autophagy as a Potential Protective Mechanism of the Intestinal Epithelium against Toxin B *Rakuša, Mateja*

S10 HS 2**Craniofacial, ENT & Airway Anatomy and Imaging** (8 presentations)

- 16:00** Silent Chambers Of The Facial Skeleton: A CBCT-Based Morphometric Analysis Of Accessory Paranasal Sinuses Across Skeletal Classifications *CİNGÖZ, Gözde*
- 16:10** An Investigation of Nasal Cavity Morphometry According to Severity in Obstructive Sleep Apnea Syndrome *Turhan, Begümhan*
- 16:20** RADIOLOGICAL EVALUATION OF HARD PALATE, CRANIOCERVICAL JUNCTION, CONDYLE POSITION AND MANDIBULAR ASYMMETRY IN DIFFERENT SAGITTAL AND VERTICAL PATTERNS: A RETROSPECTIVE STUDY *eşme, simge*
- 16:30** Volumetric Evaluation of Mastoid Pneumatization in Class I, II, and III Skeletal Malocclusions *akın, tuğçe*
- 16:40** VOLUMETRIC ASSESSMENT OF THE SUPRALABYRINTHINE PNEUMATISATION ROUTE IN PAEDIATRIC TEMPORAL BONES USING 3D SLICER SOFTWARE - A PILOT FEASIBILITY STUDY *Szeliga, Stanisław*
- 16:50** DOES MICROTIA SEVERITY REFLECT TEMPORAL BONE MORPHOLOGY? A COMPUTED TOMOGRAPHY-BASED STUDY *Solmaz, Ekrem*
- 17:00** Rapid Postmortem Human Temporal Bone Retrieval and Cochlear Preservation: A Standardized Protocol for Inner Ear Research *Ghaderi, Pedram*
- 17:10** Volumetric Analysis of Digastric Muscles Using Fully Automated 3D CT Segmentation: A Pediatric Normative Study *KANBER UZUN, ÖZLEM*
- 18:30-22:00** **Viennese Evening** *Heuriger Wolf*

5 Saturday

09:15–10:00 **Keynote Lecture 3** *Made by Anatomy: How Vienna's Medical Institutions Shaped Gustav Klimt's Vision*
IM JOO RHYU

10:00–10:30 **Coffee Break**

10:30–12:30 **Parallel Oral Sessions**

S11 HS 1

Developmental, Fetal & Pediatric Anatomy (9 presentations)

- 10:30 NEURAL MAPPING OF THE LATISSIMUS DORSI MUSCLE IN HUMAN FETUSES USING THE MODIFIED SIHLER'S STAINING TECHNIQUE *Adanır, Saliha Seda*
- 10:40 PERINATAL MORPHOMETRY AND INTRAMUSCULAR NERVE DISTRIBUTION OF THE TRAPEZIUS MUSCLE: A MODIFIED SIHLER'S STAINING STUDY *Kervancioğlu, Piraye*
- 10:50 Morphological variability of the trapezius muscle in human fetuses as a basis for understanding adult trapezius anatomy and its use in clinical practice *Zielinska, Nicol*
- 11:00 Functional influences of modern feeding practices on pediatric craniofacial development. *Kazia, Angela*
- 11:10 Morphometric Evaluation of the Sphenoidal Fontanelle in Human Fetuses: A Fetal Dissection Study *Yeşil Aksoy, Hatice Kübra*
- 11:20 Developmental Morphometry and Clinical Relevance of the Human Hypoglossal Nucleus: A Spatiotemporal Study Across Early to Late Gestation *MANNICKAL THANKAPPAN, SREEJA*
- 11:40 THE EFFECT OF PRETERM BIRTH ON CEREBELLUM-TO-CEREBRUM VOLUME RATIO AND CEREBELLAR ASYMMETRY *Izci, Merve*
- 11:50 EVALUATION OF PANCREATIC MORPHOMETRY ACCORDING TO DEMOGRAPHIC VARIABLES AND BODY SURFACE AREA IN CHILDREN AGED 0–36 MONTHS *Tekin, Beril*
- 12:00 Renal Vascular Variations Associated with Ureterocele and Double Collecting System *Yaz, Elif*

S12 HS 2

Anatomical Variation, Comparative & Evolutionary Morphology (11 presentations)

- 10:30 Radiographic Analysis of the Sagittal Lumbopelvic Alignment and its Correlation with Age, Gender and Race *Khasawneh, Ramada*
- 10:40 VARIATION OF THE COMMON ILIAC VEIN IN A CADAVERIC SPECIMEN: A CASE REPORT *Yılmaz, Yeşim*
- 10:50 The Tension Between Adaptation, Evolution, and Race in Humans *Brenner, Erich*
- 11:00 MORPHOMETRIC CHARACTERIZATION of the PUBIC SYMPHYSEAL SURFACE in the HUMAN PELVIS: IMPLICATIONS for SURGICAL ANATOMY and CLINICAL PRACTICE *BEDRE DUYGU, Ozden*
- 11:10 IDENTIFICATION OF OSTEOLOGICAL AND VASCULAR VARIATIONS USING THE „ANATOMAGE“ TABLE *Kazoka, Dzintra*
- 11:20 PREVALENCE AND ANATOMICAL DISTRIBUTION OF SESAMOID OSSICLES WITHIN THE NUCHAL LIGAMENT: A RETROSPECTIVE RADIOGRAPHIC STUDY IN A GREEK POPULATION *Lyrtzis, Christos*
- 11:30 Identification of Sexually Dimorphic Anatomical Features in Tricentennial Femora: An Osteometric Study *Othman, Bacem K*
- 11:40 A Descriptive Classification of Frontal Hairline Patterns Derived from Caucasian Male Celebrities *Dalgic, Beyzanur*
- 11:50 Changes in Pelvic Morphological Characteristics Over the Centuries *Baca, Vaclav*
- 12:00 Coracobrachialis Muscle Divisibility and Musculocutaneous Nerve Anatomy: Implications for Subscapularis Reconstruction *Irschick, Regina*
- 12:10 Reassessing the Stifle Joint Stabilization System in Southern White Rhinoceros (*Ceratotherium simum*) *Benninger, Brion*

12:30-13:30 Lunch Break & Poster Session 2 53 posters

Poster Session 2 — Poster presentations

- P2-01** REVISITING THE HISTORICAL ORIGINS OF THE ANATOMICAL TERM “FIBULA” *Solmaz, Ekrem*
- P2-02** Examining the Effects of Pre-Provided Materials on Student Study Methods in Anatomy Laboratory Courses: A Preliminary Study *Yeşil Aksoy, Hatice Kübra*
- P2-03** INFLUENCE OF AGE AND GENDER IN THE SPATIAL VISUALIZATION ABILITY OF STUDENTS ATTENDING EMBRYOLOGY AND ANATOMY CLASSES *Alves-Pimenta, Maria Sofia*
- P2-04** Enucleation vs Subtotal Exenteration with Lifelike GAX-specimens and Innovative Contrast for Surgical Anatomy and Training Skills *Benninger, Brion*
- P2-05** Physicians as the Missing Link in Whole-Body Donation: A National Survey from Türkiye *Temizsoy Korkmaz, Fulya*
- P2-06** The Soft Skills of Socialisation: The Role of Student-Run Art Societies Within Undergraduate Anatomy Education *Khanzada, Manal*
- P2-07** A retrospective CT-based analysis of cranial dysmorphology in trigonocephaly within a selected South African population *Govender, Santhuri*
- P2-08** Accessory Phrenic Nerve Variants: Cadaveric Series and aRare Bilateral Asymmetric Interconnection Pattern *Triantafyllou, George*
- P2-09** Anatomical Characteristics of Ruptured and Unruptured Cerebral Aneurysms *Thambiran, Devona*
- P2-10** Anatomical Variations of the Splenic Vein and Its Tributaries: A Cadaveric Morphometric Study *Piagkou, Maria*
- P2-11** Concomitant bovine aortic arch, bilateral cervical ribs, complex supraaortic tortuosity, and segmental left vertebral artery agenesis on CTA: an anatomical case report *Zamfirescu, Vladimir*
- P2-12** DMBT1 in the ocular surface system: distribution, tear levels, and implications for epithelial repair and artificial tear design *Zhang, Zhaoxi*
- P2-13** Decalcification with formic acid in human cadaveric samples *González-Arnav, Emilio*
- P2-14** Defining Safe and Risk Zones in Superficial Plantar-Medial Release: A Cadaver Study *Düzgün, Zehra*
- P2-15** EXTREME VARIABILITY OF THE KIDNEY HILAR ARCHITECTURE *Triantafyllou, George*
- P2-16** HIGHER 2D:4D DIGIT RATIOS ARE ASSOCIATED WITH ADOLESCENT IDIOPATHIC SCOLIOSIS AND CORRELATE LINEARLY WITH COBB ANGLE SEVERITY: A SEX-STRATIFIED CASE-CONTROL STUDY *Taşdemir, Rabia*
- P2-17** ILEUM AND COLON: A STRUCTURE-BEHAVIOR CORRELATION STUDY *Macchi, Veronica*
- P2-18** Immunohistochemical Assessment of MDR-Related Proteins in Invasive Breast Carcinoma *Vecanova, Janka*
- P2-19** Immunohistochemical Evaluation of β III-Tubulin in Colorectal Adenocarcinoma *Hodorová, Ingrid*
- P2-20** Incidence, variability and relevance of Pitt pits, analysis on 16 639 legs - a systematic review with meta-analysis *Fibiger, Grzegorz*
- P2-21** Investigation of the Relationship Between Tethered Cord and Neurogenic Bladder at the Lumbosacral Level *BOLAT, FATIMA SÜMEYYE*
- P2-22** Left-sided inferior vena cava – systematic review and case report *Lena Graf, Elisabeth Mandler, Lena Hirtler Graf, Lena*
- P2-23** MORPHOLOGICAL EVALUATION OF URINARY SYSTEM ANATOMY: IMAGING FINDINGS OF KIDNEY AND URETERAL STRUCTURES *YAHYAOĞLU, SÜMEYYE*
- P2-24** MORPHOLOGICAL PECULIARITIES OF THE INNERVATION OF THE STOMACH (OBSERVATIONAL STUDY). *Haviarová, Zora*
- P2-25** Maxillary artery coursing through the inferior alveolar nerve: anatomical report and focused mini-review of infratemporal neurovascular entrapment *Stănescu, Adela*
- P2-26** THE PRESENCE OF THE CONGENITAL VERTEBRAL MALFORMATIONS IN DOGS AND ITS CLINICAL RELEVANCE *Korim, Filip*
- P2-27** The anterior radiocarpal ligament and the Testut-Kuentz ligaments: a cadaveric dissection study *González-Arnav, Emilio*
- P2-28** Anatomical Variations of the Internal Iliac Artery in the Thai Population *Thaworn, Kiruchapas*
- P2-29** APPROACHES TO THE PREPARATION OF A CORROSION CAST OF THE VASCULAR COMPLEX: STOMACH, DUODENUM, PANCREAS *Kuzyk, Yuliia*

- P2-30** Anatomical Variations of the Deep Cervical Vein: A Pilot CT Angiographic Study of Posterior Cervical Venous Drainage *STANCU, ALEXIA-IOANA*
- P2-31** Bilateral Testicular Artery Variations with an Omentum-Containing Indirect Inguinal Hernia: A Cadaveric Case Report *Deniz, Hümeýra*
- P2-32** CT-BASED MORPHOMETRIC ANALYSIS OF THE FORAMEN MAGNUM REGION: CORRELATIONS, SEX AND AGE DIFFERENCES *Močnik, Damjan Jonas*
- P2-33** Item-Level Agreement and Reliability Structure of the Critical Appraisal Tool for Anatomical Meta-analyses (CATAM) *Papadopoulos, Vasileios*
- P2-34** Neuronal Adaptations in Camel Dorsal Column Nuclei: Sensory Processing for Locomotion in Desert Environments *Zaąout, Sami*
- P2-35** ORIGIN, COURSE AND FIBRE QUALITY OF THE PHRENIC NERVE IN DOGS *Förster, Julia*
- P2-36** The Foramen Spinosum revisited: is it truly a foramen? *Malkidou, Nymfodora*
- P2-37** The method of forensic Facial reconstructions *Trifunovic, Jovanka*
- P2-38** Conventional vs Innovative Focus Stacking Photography Revolutionizes Veterinarian Anatomy Lab Dissection Imaging *Benninger, Brion*
- P2-39** First Micro (Histological) Organization Study of Hoof Lamellae in Rhinoserosos' using Southern White Rhinoceros (*Ceratotherium simum*) *Benninger, Brion*
- P2-40** Contrast-Enhanced CT Assessment of Vascular Perfusion and Functional Specialization in the Rhinoceros Small Intestine vs Equine and Bovine *Benninger, Brion*
- P2-41** Comparative CT/MRI with Innovative Contrast of Southern White Rhinoceros Kidney Versus Equine and Bovine *Benninger, Brion*
- P2-42** DEEP LEARNING ASSISTED NON-DESTRUCTIVE ASSESSMENT OF OVARECTOMY INDUCED BONE CHANGES USING MICRO-COMPUTED TOMOGRAPHY AND RAMAN SPECTROSCOPY *Donmez, Baris Ozgur*
- P2-43** Mapping abdominal vascular anatomy in the swine model using CT-based vessel segmentation: preliminary results and comparison with human anatomy *Eberlová, Lada*
- P2-44** UNSUPERVISED CLUSTERING AND INDIVIDUAL-LEVEL TREATMENT RESPONSE ASSESSMENT OF MICRO-CT MORPHOMETRIC PARAMETERS IN OVARECTOMY-INDUCED OSTEOPOROSIS TREATED WITH RESVERATROL *Yagcioglu, Hatice*
- P2-45** BODY DONATION WILLINGNESS: EVIDENCE FROM A SURVEY OF UNIVERSITY STUDENTS *Savasan, Cemre*
- P2-46** WHAT DO WE CALL THOSE WHO GIVE THEIR BODIES TO SCIENCE? AN ANALYSIS OF TERMINOLOGY PRACTICES AND ETHICAL STATEMENTS IN ANATOMICAL LITERATURE *Ok, Fatma*
- P2-47** Macrophage-Associated Inflammation and Blood–Labyrinth Barrier Assessment in the Aging Human Cochlea *Ghaderi, Pedram*
- P2-48** NLRP3 and inflammation in age-related hearing loss: a histological study of postmortem inner ear tissue *Luque, Maria*
- P2-49** Selective Regional Brain Volumetric Alterations In Obesity: Evidence From Automated MRI Segmentation *Urul, Beyza*
- P2-50** ARE HALLER CELLS AND CONCHA BULLOSA RISK FACTORS FOR THE DEVELOPMENT OF CHRONIC SINUSITIS? A 3D-CT VOLUMETRIC STUDY *FAZLIOĞLU, AYBEGÜM*
- P2-51** Aortic Arch Branching Variations and Their Clinical Relevance: A CTA-Based Population Study *Mandler, Elisabeth*
- P2-52** The Neuroanatomical Correlates of Type 2 Diabetes: A FreeSurfer-Based Volumetric Analysis of the Hypothalamus *Özcan, Serra*
- P2-53** ULTRASOUND ASSESSMENT OF THE ILIOPSOAS MUSCLE IN DOGS UNDERGOING REHABILITATION *Alves-Pimenta, Maria Sofia*

13:30–15:30 Parallel Oral Sessions**S13 HS 1****Quantitative Imaging, Morphometry & Clinical Radiology (10 presentations)**

- 13:40** Geometric Analysis of the Vertebrobasilar System in Migraine: A Cross-Sectional Magnetic Resonance Angiography Study *Otu, Ebru*
- 13:50** MORPHOMETRIC ANALYSIS OF THIGH PERFORATOR ARTERIES USING CT ANGIOGRAPHY: A BILATERAL COMPARATIVE STUDY *CETINOK, Hurriyet*
- 14:00** Prevalence, Laterality, and Topographic Localization of Onodi Cells on Paranasal Sinus Computed Tomography: A Retrospective Single-Center Study *Muhtaroglu, Musa*
- 14:10** Morphometric Changes Throughout the Aorta in Abdominal Aortic Aneurysm: A CT Angiography Analysis *Sever, Sinem*
- 14:20** MRI Morphological Detection of Basal Ganglia Abnormalities in Epileptic Patients: A Narrative Review *Al-Redouan, Azzat*
- 14:30** Digital Twin Anatomy: Generation of Layered 3D Models of the Human Lower Extremity *yilmaz, mehmet*
- 14:40** Regional Differences in Bone Structure and Vascularization of the Lunate: A Micro-CT Study *BALCI, AYBEGÜM*
- 14:50** Are we anatomically prepared for E-Scooters? Anatomy and Imaging Patterns in Urban Trauma *Lucas-Neto, Lia*
- 15:00** Three-Dimensional Evaluation of the Maxillary Sinus and Pharyngeal Airway in Patients Different Skeletal Malocclusions Using Cone Beam Computed Tomography *Kabalci, Halime*
- 15:10** Association Between Pes Planus and Meniscal Tears in Orthopedic Patients in Northern Cyprus *Ozalan, Ihsan*

S14 HS 2**Teaching Innovation, Simulation & Technology-Enhanced Learning (11 presentations)**

- 13:30** POCUS Orbital Ultrasound with GAX-Specimens with Novel Contrast Practicing Probe Skills Identifying Sonoanatomy and Pathology. *Benninger, Jack*
- 13:40** From Classroom to Clinic: Evaluating the Educational Utility of Two Thiel Embalming Methods *Antipova, Veronica*
- 13:50** Alternative complementary teaching methods in gross anatomy for undergraduate medical students *Nardin, Florian*
- 14:00** Anatomical Terminology Knowledge: Association with Anatomy Laboratory Performance in the Endocrine and Urogenital Systems Module *İsmailoğlu, Pelin*
- 14:10** Microphotography in Microanatomy Then and Now: The Educational Significance of Alexander Đ. Kostić's Microphotographic Atlas of Normal Histology (1925) *Puškaš, Nela*
- 14:20** Student Perceptions of 3D Organon in Anatomy Education: A Survey from Aristotle University of Thessaloniki *Totlis, Trifon*
- 14:30** A new Virtual Reality (VR) tool for supplementing beginner-level anatomy teaching *Schaukal, Leo*
- 14:40** Anatomy Suite: A Hybrid Simulation-Based Learning Environment to Enhance Clinical Anatomy Education. *MANNICKAL THANKAPPAN, SREEJA*
- 14:50** EFFECT OF CHATGPT-4o-GENERATED ANATOMY MULTIPLE-CHOICE QUESTIONS ON MEDICAL STUDENT EXAMINATION PERFORMANCE *Aydin, Mehmet*
- 15:00** AI Tools and the Canine Space: Citation Integrity, Anatomical Reasoning, and the Amplification of Textbook Ambiguity. A Critical Review of Five AI Tools *Bănică, Diana*
- 15:10** Anatomy Tutor AI: Combating AI Hallucinations in Anatomy Education Through Retrieval-Augmented Learning *Hudák, Radovan*

15:30-16:00 Coffee Break

16:00–17:30 Parallel Oral Sessions**S15 HS 1****Anatomical Terminology, Eponyms & Historical Perspectives** (8 presentations)

- 16:00 Eponymous names of arteries *Musil, Vladimír*
- 16:10 Metaphorical names used in anatomy: are they just as bad as eponyms? *Russell, Stephen*
- 16:20 Should eponyms be a part of the anatomical nomenclature again? *Musil, Vladimír*
- 16:30 Etymology in Anatomy: when is it helpful and when is it too much? *Russell, Stephen*
- 16:40 The Fascial System: A Case for Latin and Anatomy Cooperation *Pratt, Rebecca*
- 16:50 The Tuberculum Without a Name: Not All Heroes Wear Labels *Salavova, Sarka*
- 17:00 Parts or Segments? *Kachlik, David*
- 17:10 Comics, serialized in the PLEXUS, IFAA newsletter *Chung, Min Suk*

S16 HS 2**Digital Anatomy, AI, Segmentation & 3D Modelling** (8 presentations)

- 16:00 Machine Learning–Based Multi-Disease Prediction *M, CHANDRASEKAR*
- 16:10 Foundation Model Embeddings for Automated Bone Tumor Subtype Classification and Phenotypic Clustering
Ocak, Mert
- 16:20 Lymphatic Vessel Segmentation and Regional Architectural Patterns Using Anatomage: A Pilot Study *Othman, Bacem K*
- 16:30 Performance Evaluation of 3D Automated Calcaneus Bone Segmentation on High-Resolution CT Using nnU-Net v2 *Karamus, Nizameddin Fatih*
- 16:40 A Sequential Multiscale 3D Morphometric Workflow of the Kidney and Retroperitoneum *Maslarski, Ivan*
- 16:50 IMMERSIVE VIRTUAL REALITY VISUALIZATION OF EXTRACORPOREAL SHOCKWAVE THERAPY FOR ANATOMY-BASED CLINICAL TRAINING *Slezak, Paul*
- 17:00 How effective is brain rot on reaction time and mental rotation? *Kılıç Kostak, Arife*
- 17:10 Adaptive Feature Fusion for Parkinson's Detection from Voice Biomarkers *Subramaniam, Anuvarthini*

19:00-22:00 Gala Dinner