



ISCAA

2026

SCIENTIFIC PROGRAMME

VIENNA

3 - 5 SEPTEMBER 2026

International Symposium of Clinical and Applied Anatomy



3 Thursday

13:00-13:15 Opening HS 1

Welcome and opening remarks | Hirtler, Lena; Mittendorfer, Johannes on behalf of the organizing committee

Weninger, Wolfgang – Head of the Division of Anatomy and the Center for Anatomy and Cell Biology

Báča, Václav – Board-President of the International Committee of Symposia on Clinical and Applied Anatomy (ICSCAA)

13:15–14:00 Keynote lecture HS 1

Body Politics: Anatomy and the History of the Vienna Medical School

Czech, Herwig | Chair: Hirtler, Lena

14:00-14:30 Coffee Break visit Sponsor exhibition

14:30–16:00 Parallel Oral Sessions

S01 HS 1

Cranial, Neurovascular & Skull-Base Surgical Anatomy (6 presentations)

Chairs Lucas-Neto, Lia; Rusu, Mugurel

14:30 AI-Based Inference of Vertebral Artery Dominance from Calibre-Neutral V1 Course Morphology on CT Angiography Tudose, Răzvan

14:40 Morphological Variability of the Anterior Condylar Confluent of Trolard: A CT Angiographic Case Series Documenting Novel Venous Variants at the Craniocervical Junction Rusu, Mugurel

14:50 Novel classification of trigeminal nerve-superior cerebellar artery relationships Triantafyllou, George

15:00 Revisiting the Middle Meningeal Artery: Anatomical Insights into Chronic Subdural Hematoma Embolization and Emerging Indications for Migraine Lucas-Neto, Lia

15:10 Antero-superior dehiscence of the horizontal carotid canal: a CBCT morphometric and bilateral-symmetry study of the intrapetrous carotid canal in adults Albu, Andrei

15:20 Navigating the orbital apex: does the meningo-orbital band hold the key to safer trans-orbital endoscopy? Bilecenoglu, Burak

15:30–15:40 Session Summary & Discussion

S02 HS 2

Upper Limb, Shoulder & Peripheral Nerve Surgery (7 presentations)

Chairs González-Arnay, Emilio; Báča, Václav

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 Uygun, Alp Giray

14:50 Topographic Reassessment of the Circumflex Scapular Artery: Morphometric Analysis, Variability, and Surgical Relevance Nardin, Florian

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

15:20 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

15:30 Prevalence of Lateral Epicondylitis Among Medical Students and Its Association with Study Habits, Posture, and Electronic Device Use Gözümlü, Nigar

15:40 Session Summary & Discussion

16:00-16:15 Break visit Sponsor exhibition

16:15–17:00 Oral Session

S03 HS 1**Anatomy Education, Equity & Professional Development (6 presentations)**

Chairs *Bezdicova, Marcela; Brenner, Erich***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** From Ad-hoc to Structured: A Systematic Review of Near-Peer Teaching in Anatomy Education Across the World *Davey, Ross***16:55** Reframing the Body in Anatomy Education: The Influence of Terminology on Respect, Professionalism, and Ethical Perception *Bezdicova, Marcela***17:05** Informational Silence: Maternity Protection in Gross Anatomy - Education Across the DACH Region *Mensing, Michelle***17:05 Session Summary & Discussion**

17:15-17:30 Closing Remarks HS 1 | Hirtler, Lena; Mittendorfer, Johannes**18:00-21:00 Networking Reception Josephinum**

A relaxed networking evening in one of Vienna's landmark institutions of medical history, home to the Medical University of Vienna's renowned collection of 18th-century anatomical wax models.

Address: Währinger Straße 25, 1090 Vienna | [Google Maps](#) | [Website](#)

4 Friday

09:15–10:00 Keynote Lecture HS 1

High Resolution Micro- and Nano-CT Imaging of Human Inner Ears for Morphometry Analysis and Computer Simulation of Electrical Stimulation

Glückert, Rudolf | Chair: Hirtler, Lena

10:00–10:30 Coffee Break visit Sponsor exhibition and Poster areas

10:30–12:30 Parallel Oral Sessions

S04 HS 1

Forensic & Aesthetic Anatomy (12 presentations)

Chairs Apaydin, Nihal; De Caro, Raffaele

10:30 International Symposium on Forensic Clinical Anatomy De Caro, Raffaele

10:40 Integration of anatomical anthropometry into forensic osteology: a systematic decision guide for biological profile estimation Karip, Burak

10:50 Medical imaging as tool for the study of forensic clinical anatomy Macchi, Veronica

11:00 Osteoporosis as challenge in forensic fracture evaluation Hirtler, Lena

11:10 Migraine-headache related anatomy of the face and neck Konschake, Marko

11:20 Anatomical Variability of Facial Neurovascular Structures and its Relevance in Minimally Invasive Aesthetic Procedures Apaydin, Nihal

11:30 Future perspectives of Forensic Clinical Anatomy? Porzionato, Andrea

11:40 Complications of Minimally Invasive Facial Aesthetic Procedures: Clinical Outcomes and Medicolegal Implications from Türkiye KARA, Zekiye Gözde

11:50 Relationship Between Lip Morphometry and Perceived Smile Attractiveness in Young Adults Tunç, Mahmut

12:00 The upper blepharoplasty and patient satisfaction Eric, Mirela

12:10 Landmark-Based Morphometric Mapping of the Frontal Branch of the Facial Nerve: Defining a Practical Surgical Safe Zone Sağlam, Latif

12:20 Changes in Pelvic Morphological Characteristics Over the Centuries Baca, Vaclav

12:30 Session Summary & Discussion

S05 HS 2

Neuroanatomy, Brain Imaging & Neuroscience (9 presentations)

Chairs Gaydarski, Lyubomir; Kaygın, Emre

10:30 Subcortical asymmetry and cognitive reserve in healthy aging: a comparative MRI analysis in young and older adults Yaz, Elif

10:40 Beyond Atrophy: Increased Hippocampal Subfield Volumes in Epilepsy - A Volumetric Study Büyükuysal, Ece

10:50 CNR1-Associated Oligodendroglial Remodeling in the Corpus Callosum of Cuprizone-Treated Mice Gaydarski, Lyubomir

11:00 Role of the Apelin Receptor in Astrocyte Reactivity and Functional Recovery in a Mouse Model of Demyelination Petrova, Kristina

11:10 EEG-based functional brain network analyses in patients with atrial fibrillation Yılmaz Dere, Zeynep Bilge

11:20 Mapping Structural Abnormalities in Cerebellar Lobuli via Voxel-Based Morphometry and Cortical Thickness Analysis: A Large-Scale 3D MRI Study in ASD güler, özlem

11:30 Subject-specific retinotopy-informed mapping of the optic radiation in healthy aging using diffusion MRI Lahutsina, Anastasiya

11:40 Morphologic and Volumetric Aspects of Common Brain Structures on MRI in Psychotic Disorders Including Schizophrenia, Schizoaffective Disorder and Psychotic Bipolar Disorder Ertugrul, Miray

11:50 Geometric Analysis of the Vertebrobasilar System in Migraine: A Cross-Sectional Magnetic Resonance Angiography Study Otu, Ebru

12:00 Session Summary & Discussion

12:30-13:30 Lunch Break & Poster Session 1 51 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** Does the Conus Medullaris Shift with Age? 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** Classification of carotid arteries-superior cornu of thyroid cartilage relationships *Triantafyllou, George*
- P1-09** Clinical anatomy of the forearm with special focus on the Essex-Lopresti fracture – preliminary report *Weber, Filip*
- P1-10** Cranial morphological presentation of scaphocephaly: anatomical insights from a select South African population *Pillay, Simren*
- P1-11** Frequency and morphometry of individual fascicles of wrist ligaments. *González-Arnay, Emilio*
- P1-12** Intercondylar Ridges as Markers of Functional Femoral Cruciate Ligament Attachment - A 3D-CT and Histological Study *Mittendorfer, Johannes*
- P1-13** Morphology of the Vermiform Appendix Innervation (observational study). *Haviarová, Zora*
- P1-14** Morphological Characteristics of the Pes Anserinus Musculo-Tendinous Complex: A Cadaveric Study *Yeşil Aksoy, Hatice Kübra*
- P1-15** Morphology of the Lingual Nerve: Mitigating Iatrogenic Injury *Manum, Pornnapat*
- P1-16** Morphometric Study of Stylomastoid Foramen and Clinical Significance *Yalman, Aysenur*
- P1-17** Preliminary morphometric analysis of digital models of palate casts in infants with isolated cleft palate *Vymazalová, Kateřina*
- P1-18** Role of aquaporins as skin wound vitality markers in ligature marks in a cohort of suicidal hanging *Potaliya, Pushpa*
- P1-19** Systematic Bias in Intraoperative Mitral Valve Annulus Sizing: Comparison of In Situ and Ex Situ Measurements in Human Donor Hearts *Schwendt, Karoline*
- P1-20** The Effects of Resveratrol on Biomechanical Profile in Ovariectomized Rats: A Three Point Bending Study *Ozturk, Seval*
- P1-21** The Tentorial Bar over the Foramen Trigemini: A CBCT Prevalence and Morphometric Pilot Study *Stăncioiu, Ilinca*
- P1-22** The human hypoglossal nerve transforms from a pure motor to a mixed nerve along its course *Didava, Giorgi*
- P1-23** Ultrasound Investigation of the Radial Artery for Neuro-Intervention *Singh, Aleisha*
- P1-24** Infraorbital Nerve (ION) Exiting Infraorbital Foramen as a Trunk or Multiple Branches Protected by Infraorbital Ridge *Benninger, Jack*
- 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, Pphurit*
- P1-27** Bilateral Asymmetric Trunk Variation of the External Carotid Artery: Right Thyrolinguofacial and Left Linguofacial Trunks on 3D-CT Angiography *Kaygin, Emre*

Poster Session 1 — continued — Poster presentations

- P1-28** Bias from Treating Right and Left Structures as Independent *Papadopoulos, Vasileios*
- P1-29** Mapping Upper Extremity Arterial Anatomy Research: A Bibliometric Analysis *Solmaz, Ekrem*
- P1-30** Morphometric Analysis of the Dorsal Aspect of the Cervical Spinal Cord and Its Relationship with the Vertebral Column in Human Fetuses *Sevmez, Fatma*
- P1-31** Supraclavicular Foramina in Dry Clavicles: Observational Study and Meta-Analysis of Prevalence and Laterality *Papadopoulos, Vasileios*
- P1-32** The Rare Extreme Shape and Trajectory of the Splenic Artery at the Cadaveric Specimen *Močnik, Damjan Jonas*
- P1-33** Morphology of the Digital Flexor Tendon System in the Hindlimb of the Southern White Rhinoceros (*Ceratotherium simum*) *Benninger, Brion*
- P1-34** Comparative Hindlimb Anatomy of the Southern White Rhinoceros (*Ceratotherium simum*), Equine, and Bovine: Biomechanical and Locomotor Adaptations *Benninger, Brion*
- P1-35** A Demand–Capacity Failure Index Identifies Mandibular Fracture Vulnerability Independent of Impact Location *Tudose, Răzvan*
- P1-36** Estimation BMI Using Geometric Morphometrics of 3D CT Cranial Models *Kim, Hye-Yeon*
- P1-37** Non-destructive methods of anatomical and histological analysis through Mueller-matrix polarimetry *González-Arroyo, Emilio*
- P1-38** Predicting Glaucoma in Individuals Using Machine Learning Algorithms Based on Morphometric Parameters Obtained from Optical Coherence Tomography Images *Öztürk, Cansu*
- P1-39** Ethical dilemmas in the possession and use of human skeletal remains in Greece: legal status versus operational reality *Malkidou, Nymfodora*
- P1-40** Legal and Ethical Scoring in Body Donation: A Comparative Study Across Three Countries *Cuneyit, Ibrahim*
- P1-41** A Spheroid Model of Primary Human Meibomian Gland Epithelial Cells Promotes Glandular Differentiation and Function *Cizmeci, Gizem*
- P1-42** Connectivity changes of the paraterminal gyrus and subcalcar gyrus in DTI analysis in schizophrenia *Musil, Vladimír*
- P1-43** Epithelium Morphometry and Olfactory Marker Protein Expression in a Model of Olfactory Dysfunction *Alves-Pimenta, Maria Sofia*
- P1-44** Effects of Neuronal Membrane Precursors Administered During Prenatal and Lactation Periods on Skeletal Muscle in the 5XFAD Alzheimer's Animal Model *Uckaris, Mukaddes*
- P1-45** The Neuroanatomical Correlates of Type 2 Diabetes: A FreeSurfer-Based Volumetric Analysis of the Hypothalamus *Özcan, Serra*
- P1-46** Selective Regional Brain Volumetric Alterations In Obesity: Evidence From Automated MRI Segmentation *Urul, Beyza*
- P1-47** Are Haller Cells and Concha Bullosa Risk Factors for the Development of Chronic Sinusitis? A 3D-CT Volumetric Study *Fazlıoğlu, Aybegüm*
- P1-48** Complex Cervicothoracic Arterial Phenotype in a Bovine-Type Aortic Arch: Intramediastinal Right Subclavian Branching and Bilateral Carotid–Subclavian Crossings *Zamfir, Iulia-Ştefana*
- P1-49** MRI Findings of Jejunal Ectopic Pancreas Accompanied by Incomplete Pancreas Divisum *Karaduman, Asya*
- P1-50** Morphological diagnosis of primary ciliary dyskinesia in patients with “normal” ciliary ultrastructure *Pánska, Dominika*
- P1-51** The Palatine Recess of the Maxillary Sinus — Case Report, Review, and AI Comparative Analysis *Tibacu, Víctor*

13:30–15:30 Parallel Oral Sessions**S06 HS 1****Lower Limb, Knee, Foot & Sports Anatomy (11 presentations)****Chairs** *Alves-Pimenta, Maria Sofia; Cömert, Ayhan***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***15:00** Anatomy of Crural Intersaphenous Veins: Suggesting the Clinical Significance of Long Neglected Vessels *Sedlák, Adam***15:10** Three-Dimensional Mapping of Neural Danger Zones in Distal Tibial Fractures *Yılmaz, Mehmet***15:20** **Session Summary & Discussion****S07 HS 2****Muscle Architecture, Innervation & Functional Biomechanics (10 presentations)****Chairs** *Das, Rajat Subhra; Emmi, Aron***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, Rümeyza***14:40** Alpha-synuclein pathology of the peripheral nervous system in Parkinson's disease: is it a systemic disease? Anatomico-clinical evidence *Emmi, Aron***14:50** Biochemical analysis of the effects of asprosin on bone tissue *Mengi, Sevinç***15:00** Mapping of the Thyroid-Related Nerves: New insights from Immunohistochemical and Quantitative Analysis *Lohmann, Ronja***15:10** **Session Summary & Discussion****15:30-16:00** **Coffee Break** visit Sponsor exhibition and Poster areas

16:00–17:30 Parallel Oral Sessions**S08 HS 1****Thoracoabdominal, Pelvic & Cardiovascular Anatomy (9 presentations)****Chairs** *Fortelny, René; Rakusa, Mateja***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** Renal Vascular Variations Associated with Ureterocele and Double Collecting System *Yaz, Elif***16:40** Dunbar Syndrome: Diagnostic Imaging Findings and Therapeutic Approaches *Zarafiu, 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***17:20** Abdominal Wall Closure – From Bench to Bedside: Biomechanical Foundations and Long-Term Clinical Evidence *Fortelny, Rene***17:30 Session Summary & Discussion****S09 HS 2****Craniofacial, ENT & Airway Anatomy and Imaging (6 presentations)****Chairs** *Bilecenoglu, Burak; Solmaz, Ekrem***16:00** Silent Chambers Of The Facial Skeleton: A CBCT-Based Morphometric Analysis Of Accessory Paranasal Sinuses Across Skeletal Classifications *CİNGÖZ, Gözde***16:10** Volumetric assessment of the supralabyrinthine pneumatization route in paediatric temporal bones using 3D Slicer software - a pilot feasibility study *Szeliga, Stanisław***16:20** Does microtia severity reflect temporal bone morphology? A computed tomography-based study *Solmaz, Ekrem***16:30** Rapid Postmortem Human Temporal Bone Retrieval and Cochlear Preservation: A Standardized Protocol for Inner Ear Research *Ghaderi, Pedram***16:40** Volumetric Analysis of Digastric Muscles Using Fully Automated 3D CT Segmentation: A Pediatric Normative Study *İsmailoğlu, Pelin***16:50** Anatomical typology and vascular risk map of the facial artery: a combined cadaveric and radiological study *Kaygın, Emre***17:00 Session Summary & Discussion****17:30-17:40 Closing Remarks HS 1 | Hirtler, Lena; Mittendorfer, Johannes****18:30-22:00 Viennese Evening Heuriger Wolf**

Experience a traditional Viennese Heuriger in Neustift am Walde, with local wine, regional food and an informal setting for conversation with colleagues and friends.

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5 Saturday

09:15–10:00 Keynote Lecture HS 1

Made by Anatomy: How Vienna's Medical Institutions Shaped Gustav Klimt's Vision
Rhyu, Im Joo | Chair: Hirtler, Lena

10:00–10:30 Coffee Break visit Sponsor exhibition and Poster areas

10:30–12:30 Parallel Oral Sessions

S10 HS 1

Developmental, Fetal & Pediatric Anatomy (8 presentations)

Chairs Adanir, Saliha Seda; Kervancioglu, Piraye

10:30 Neural mapping of the latissimus dorsi muscle in human fetuses using the modified Sihler's staining technique
Adanir, Saliha Seda

10:40 Perinatal morphometry and intramuscular nerve distribution of the trapezius muscle: a modified Sihler's staining study Kervancioglu, 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. Kaiza, 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

11:30 The effect of preterm birth on cerebellum-to-cerebrum volume ratio and cerebellar asymmetry Izci, Merve

11:40 Evaluation of pancreatic morphometry according to demographic variables and body surface area in children aged 0–36 months Tekin, Beril

11:50 Session Summary & Discussion

S11 HS 2

Anatomical Variation, Comparative & Evolutionary Morphology (9 presentations)

Chairs Benninger, Brion; Kazoka, Dzintra

10:30 Variation of the common iliac vein in a cadaveric specimen: a case report Yilmaz, Yeşim

10:40 The Tension Between Adaptation, Evolution, and Race in Humans Brenner, Erich

10:50 Morphometric characterization of the pubic symphyseal surface in the human pelvis: implications for surgical anatomy and clinical practice BEDRE DUYGU, Ozden

11:00 Identification of osteological and vascular variations using the „Anatomage“ table Kazoka, Dzintra

11:10 Prevalence and anatomical distribution of sesamoid ossicles within the nuchal ligament: a retrospective radiographic study in a Greek population Lyrtzis, Christos

11:20 Identification of Sexually Dimorphic Anatomical Features in Tricentennial Femora: An Osteometric Study Othman, Bacem K

11:30 A Descriptive Classification of Frontal Hairline Patterns Derived from Caucasian Male Celebrities Dalgic, Beyzanur

11:40 Coracobrachialis Muscle Divisibility and Musculocutaneous Nerve Anatomy: Implications for Subscapularis Reconstruction Irschick, Regina

11:50 Reassessing the Stifle Joint Stabilization System in Southern White Rhinoceros (*Ceratotherium simum*) Benninger, Brion

12:00 Session Summary & Discussion

12:30–13:30 Lunch Break & Poster Session 2 50 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 a Rare 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 *Triantafyllou, George*
- 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-Arroyo, 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 *Öztürk, Cansu*
- 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** Investigation of the Relationship Between Tethered Cord and Neurogenic Bladder at the Lumbosacral Level *Bolat, Fatima Sümeyye*
- P2-21** Left-sided inferior vena cava – systematic review and case report *Lena Graf, Elisabeth Mandler, Lena Hirtler Graf, Lena*
- P2-22** Morphological Evaluation of Urinary System Anatomy: Imaging Findings of Kidney and Ureteral Structures *Yahyaoglu, Sümeyye*
- P2-23** Morphological Peculiarities of the Innervation of the Stomach (Observational Study). *Haviarová, Zora*
- P2-24** Maxillary artery coursing through the inferior alveolar nerve: anatomical report and focused mini-review of infratemporal neurovascular entrapment *Stănescu, Adela*
- P2-25** The Presence of the Congenital Vertebral Malformations in Dogs and Its Clinical Relevance *Korim, Filip*

Poster Session 2 — continued — Poster presentations

- P2-26** The anterior radiocarpal ligament and the Testut-Kuentz ligaments: a cadaveric dissection study *González-Arnay, Emilio*
- P2-27** Anatomical Variations of the Internal Iliac Artery in the Thai Population *Thaworn, Kiruchapas*
- P2-28** Approaches to the Preparation of a Corrosion Cast of the Vascular Complex: Stomach, Duodenum, Pancreas *Kuzyk, Yuliia*
- P2-29** Anatomical Variations of the Deep Cervical Vein: A Pilot CT Angiographic Study of Posterior Cervical Venous Drainage *Stancu, Alexia-Ioana*
- P2-30** Bilateral Testicular Artery Variations with an Omentum-Containing Indirect Inguinal Hernia: A Cadaveric Case Report *Deniz, Hümeýra*
- P2-31** CT-Based Morphometric Analysis of the Foramen Magnum Region: Correlations, Sex and Age Differences *Močnik, Damjan Jonas*
- P2-32** Item-Level Agreement and Reliability Structure of the Critical Appraisal Tool for Anatomical Meta-analyses (CATAM) *Papadopoulos, Vasileios*
- P2-33** Origin, Course and Fibre Quality of the Phrenic Nerve in Dogs *Förster, Julia*
- P2-34** The Foramen Spinosum revisited: is it truly a foramen? *Malkidou, Nymfodora*
- P2-35** Conventional vs Innovative Focus Stacking Photography Revolutionizes Veterinarian Anatomy Lab Dissection Imaging *Benninger, Brion and Ingle, Allison*
- P2-36** First Micro (Histological) Organization Study of Hoof Lamellae in Rhinoserosos' using Southern White Rhinoceros (*Ceratotherium simum*) *Benninger, Brion*
- P2-37** Contrast-Enhanced CT Assessment of Vascular Perfusion and Functional Specialization in the Rhinoceros Small Intestine vs Equine and Bovine *Benninger, Brion*
- P2-38** Comparative CT/MRI with Innovative Contrast of Southern White Rhinoceros Kidney Versus Equine and Bovine *Benninger, Brion*
- P2-39** Deep Learning Assisted Non-Destructive Assessment of Ovariectomy Induced Bone Changes Using Micro-Computed Tomography and Raman Spectroscopy *Donmez, Baris Ozgur*
- P2-40** Mapping abdominal vascular anatomy in the swine model using CT-based vessel segmentation: preliminary results and comparison with human anatomy *Eberlová, Lada*
- P2-41** Unsupervised Clustering and Individual-Level Treatment Response Assessment of Micro-CT Morphometric Parameters in Ovariectomy-Induced Osteoporosis Treated with Resveratrol *Yagcioglu, Hatice*
- P2-42** Body Donation Willingness: Evidence from a Survey of University Students *Savasan, Cemre*
- P2-43** Macrophage-Associated Inflammation and Blood–Labyrinth Barrier Assessment in the Aging Human Cochlea *Ghaderi, Pedram*
- P2-44** NLRP3 and inflammation in age-related hearing loss: a histological study of postmortem inner ear tissue *Luque, Maria*
- P2-45** Aortic Arch Branching Variations and Their Clinical Relevance: A CTA-Based Population Study *Mandler, Elisabeth*
- P2-46** Ultrasound Assessment of the Iliopsoas Muscle in Dogs Undergoing Rehabilitation *Alves-Pimenta, Maria Sofia*
- P2-47** Maximum Intensity Projection Images Applied to Novel GAX-Specimen with Innovative Arterial Contrast Receiving CT/MicroCT scanning *Benninger, Jack*
- P2-48** The Submental Triangle, Example of Stereostructural Anatomy and Subtle but Colossal Clinical Importance Regarding Pathology of Mouth, Lips and Tongue *Ingle, Allison*
- P2-49** Muscular Triangle, More Than Strap Muscles, gateway to Airway and Endocrine Surgery. *Annus, Ben*
- P2-50** Enucleation vs Subtotal Exenteration with Lifelike GAX-specimens and Innovative Contrast for Surgical Anatomy and Training Skills *Toole, Dean*

13:30–15:30 Parallel Oral Sessions**S12 HS 1****Quantitative Imaging, Morphometry & Clinical Radiology (10 presentations)****Chairs** Cetinok, Hurriyet; Hirtler, Lena**13:30** An Investigation of Nasal Cavity Morphometry According to Severity in Obstructive Sleep Apnea Syndrome
*Turhan, Begümhan***13:40** Morphometric analysis of thigh perforator arteries using CT angiography: a bilateral comparative study *Cetinok, Hurriyet***13:50** Prevalence, Laterality, and Topographic Localization of Onodi Cells on Paranasal Sinus Computed Tomography: A Retrospective Single-Center Study *Muhtaroglu, Musa***14:00** Morphometric Changes Throughout the Aorta in Abdominal Aortic Aneurysm: A CT Angiography Analysis
*Sever, Sinem***14:10** MRI Morphological Detection of Basal Ganglia Abnormalities in Epileptic Patients: A Narrative Review
*Lahutsina, Anastasiya***14:20** Regional Differences in Bone Structure and Vascularization of the Lunate: A Micro-CT Study *Balci, Aybegüm***14:30** Are we anatomically prepared for E-Scooters? Anatomy and Imaging Patterns in Urban Trauma *Lucas-Neto, Lia***14:40** Three-Dimensional Evaluation of the Maxillary Sinus and Pharyngeal Airway in Patients Different Skeletal Malocclusions Using Cone Beam Computed Tomography *Kabalci, Halime***14:50** Association Between Pes Planus and Meniscal Tears in Orthopedic Patients in Northern Cyprus *Ozalan, Ihsan***15:00** Digital Twin Anatomy: Generation of Layered 3D Models of the Human Lower Extremity *Yilmaz, Mehmet***15:10 Session Summary & Discussion****S13 HS 2****Teaching Innovation, Simulation & Technology-Enhanced Learning (12 presentations)****Chairs** Hudák, Radovan; Totlis, Trifon**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***15:20** Differences in Anatomy study habits among Greek and English-language Undergraduate students of Aristotle University of Thessaloniki *Lyrtzis, Christos***15:30 Session Summary & Discussion****15:30-16:00 Coffee Break visit Sponsor exhibition and Poster areas**

16:00–17:30 Parallel Oral Sessions**S14 HS 1****Anatomical Terminology, Eponyms & Historical Perspectives (8 presentations)****Chairs** *Kachlik, David; Russell, Stephen***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? *Helli, Peter***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***17:20** **Session Summary & Discussion****S15 HS 2****Digital Anatomy, AI, Segmentation & 3D Modelling (6 presentations)****Chairs** *Ocak, Mert; Slezak, Paul***16:00** Foundation Model Embeddings for Automated Bone Tumor Subtype Classification and Phenotypic Clustering
*Ocak, Mert***16:10** Lymphatic Vessel Segmentation and Regional Architectural Patterns Using Anatomage: A Pilot Study *Othman, Bacem K***16:20** Performance Evaluation of 3D Automated Calcaneus Bone Segmentation on High-Resolution CT Using nnU-Net v2 *Karamus, Nizameddin Fatih***16:30** A Sequential Multiscale 3D Morphometric Workflow of the Kidney and Retroperitoneum *Maslarski, Ivan***16:40** Immersive virtual reality visualization of extracorporeal shockwave therapy for anatomy-based clinical training
*Slezak, Paul***16:50** How effective is brain rot on reaction time and mental rotation? *Kılıç Kostak, Arife***17:00** **Session Summary & Discussion****17:30-17:40** **Closing Remarks HS 1** | *Hirtler, Lena; Mittendorfer, Johannes***19:00-22:00** **Gala Dinner** *Van Swieten Saal*

The congress gala takes place in the historic ceremonial hall of the Medical University of Vienna, a representative venue for medicine and science located next to the Josephinum.

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