

E-POSTER PRESENTATIONS

STAND 1

MORPHOLOGY (15)

E-poster session 1 (Friday, July 6, 10.40–11.00)

- P1. Influence of sodium valproate on glioblastoma u87 cell line tumour behaviour on the chicken embryo chorioallantoic membrane
Balnytė Ingrida, Kavaliauskaitė D, Stakišaitis D, Šlekienė L, Valančiūtė A
Lithuania
- P2. Study of the cardiovascular system of rats with experimental ischemia
Burpiev Nurslutan, Abaeva TS, Aliyeva M, Asmatov A, Karkymbayev U, Utegenov U, Zhurabekova G
Kazakhstan
- P3. Surgical model with fibrin glue to induce endometriosis in female rats
Almeida-Francia Camilla Contin Diniz, Francia-Farje LAD, Brito CP, Filadelpho AL
Brasil
- P4. Analysis of surface nerve repair with pig heart valve tube
Francia-Farje Luis Alberto Domingo, Cunha JF, Souza DL, Peres JA, Almeida-Francia CCD, Filadelpho AL
Brazil
- P5. The posttraumatic regeneration of long bone diaphysis in animals with chronic hyperglycemia
Tkach G, Maksymova Olena, Dudchenko Y, Illiashenko V, Tymoshenko A
Ukraine

E-poster session 2 (Friday, July 6, 13.40–14.00)

- P6. Evaluation of male reproduction in conditions of obesity and streptozotocin-induced diabetes mellitus in adult rat
Pavlova Ekaterina, Lakova E, Yochkova S, Donchev M, Popovska S, Svechnikov K, Atanassova N
Bulgaria
- P7. Comparative effects of monensin, salinomycin and DMSA on mouse spermatogenesis after subacute cadmium intoxication
Pavlova Ekaterina, Kamenova K, Dimova D, Gluhcheva Y, Petrova E, Ivanova JU, Atanassova N
Bulgaria
- P8. Effect of monensin on lead-induced neurotoxicity in mouse cerebellum
Petrova E, Kamenova K, Gluhcheva Y, Pavlova Ekaterina, Ivanova JU
Bulgaria
- P9. Hematotoxic effect of lead and cadmium nanoparticles of different sizes: experimental study
Apykhtina O, Gubar I, Korsak A, Sokurenko Liudmyla
Ukraine
- P10. The effect of sodium dichloroacetate and the sodium dichloroacetate-sodium valproate combination on Hassall's corpuscles expression in rat thymus
Staneviciute J, Valanciute A, Balnyte I, Stakisaitis D, Vosyliute Ruta
Lithuania

E-poster session 3 (Friday, July 6, 16.00–16.20)

- P11. Structure characteristics of the early stages of skeletal muscles regeneration under chronic hyperglycemia conditions
Tkach Gennadii, Maksymova O, Rtail R, Dobvyk Y, Muravskiy D
Ukraine
- P12. Features of angiogenesis in myocardial tissue during chronic exposure of pesticides
Rakhmanov S, Zhanabayeva Aigul
Kazakhstan
- P13. Morphological indices of the myocardial layer during chronic poisoning with sodium bichromate under experimental conditions
Zhumabay Nurkanat, Tulepbergenova DN, Rakhmanov SB
Kazakhstan
- P14. Influence of boron compounds on morphological changes of the liver
Berdalinova A, Balmagambetova A, Ramankulova A, Egemberdieva R, Zakirova A, Zhurabekova Gulmira
Kazakhstan
- P15. Analysis of locomotor activity in calcaneal (Achilles) tendon therapy
Keles-Celik Nigar, Sekerci R, Akcay G, Ogut E
Turkey

MOLECULAR AND CELL BIOLOGY (13)

E-poster session 4 (Saturday, July 7, 10.40–11.00)

- P16. Novel biomarkers for the diagnosis and evaluation of chronic pancreatitis by untargeted metabolomics
Caba Octavio, Dieguez C, Martin-Blazquez A, Jimenez-Luna C, Perez del Palacio J, Diaz-Navarro C, Martin JL, Vicente-Perez F, Rojas I, Prados JC
Spain
~~Ultrastructural aspects of activated intraepithelial mast cells in Helicobacter pylori gastritis and in gastric adenocarcinomas~~
Caruso Rosario A, Rigoli L
Italy
~~Differentiation of iPSCs into pancreatic β -cells and their potential for diabetes mellitus stem cell-based replacement therapy~~
Csobonyeiová Mária, Lorencová M, Vrabeová M, Polák Š, Danišovič E
Slovakia
- P17. Chlorogenic acid improve LPS-induced hepatic steatosis by up-regulated autophagy
Cui Zhigang
China
- P18. Expression and correlation of HIF-1 α and HSP70 in placenta of patient with pregnancy induced hypertension
Lan Yong-Hong, Rao LY, Yang Z, Huang MM, Niu HY, Qi YL
China
- P19. Extracellular ATP as a pro-invasive factor in tumor microenvironment
Fang Wei-gang, Tian XX, Li WH, Qiu Y
China

E-poster session 5 (Saturday, July 7, 13.40–14.00)

- P20. Site specific serine phosphorylation of insulin receptor substrate 1 (IRS1) protein inhibits the proliferation of cervical carcinoma cells
Gorgisen Gokhan, Gulacar IM, Tuluca Y, Ozkol H, Kaya Z
Turkey
- P21. Calcium/calmodulin-dependent protein kinase IV mediates IFN- γ -induced immune behaviors in skeletal muscle cells
Gu RC, Ding MC, Shi DD, Huang T, Guo MX, Yu L, Hu JJ, Huang WH, Liao Hua
China
~~SMP30 and GP96 protein stimulating of dendritic cell vaccination induces more potent CTL response against hepatoma~~
~~Huang R, Zhao F, Guo J, Zhang YY, Chao NX, Pan J, Chen CX, Luo Guorong~~
China
- P22. Co-expression of Cdr1as and miR-7a is associated with hypoxia-affected fetal brain development
Lv Ye-Hui, Li ZH, Wang XY, Li K
China
- P23. Lactate and high intensity interval training (HIIT) raise levels of stem cells in the peripheral blood of patients with metabolic diseases and in murine models
Rivera C, Pasmioño G, Gatica N, Astudillo J, Silva H, Díaz E, Iturra A, Castillo M, Montiel-Eulefi Enrique
Chile

STAND 2

E-poster session 1 (Friday, July 6, 10.40–11.00)

- ~~Expression of vascular endothelial growth factor a in o. Viverrini cholangiocarcinoma (O-CCA) and induction of anti-angiogenic VEGF-A₁₆₅B isoform in O-CCA cell line by sulfated galactans~~
~~Sae Lao Thannicha, Pakpoom T, Noppadol L, Bates DO, Wongprasert K~~
Thailand
- P24. A method of principal component analysis to facilitate tumor localization based on dynamic fluorescence molecular imaging
Gao Y, Chen M, Wu J, Zhou Y, Cai C, Wang Daliang, Luo J
China
- P25. Signalling mechanism of Rh0 a in bone marrow mesenchymal stem cells stress fiber formation and cell migration
Wang Xueer, Zhang L
China
- P26. Knock-out SST gene with CRISPR/cas9 enhancing migration and invasion of gastric cancer cell BGC-823 and the expression of early-onset gastric cancer-associated potential driver mutations SEM and KLF
Zhang Qinxian, Chen W, Zhu XY
China
- P27. Prognostic significance of tissue estrogen receptor alpha and beta expression in Chinese female patient with esophageal squamous cell carcinoma
Zhang Dongyun, Liu RZ, Wang LD
China

- P28. Role of WNT signaling in the pathogenesis of ameloblastoma
Putnová Barbora, Hrubá E, Putnová I, Štembírek J, Daněk Z, Buchtová M
Czech Republic

HISTOLOGY (18)

E-poster session 2 (Friday, July 6, 13.40–14.00)

- P29. Morphometric study in thyroid tissue stimulated by infrared laser
Cornejo Ricardo, Campos E
Chile
- P30. Age related changes of the pinealocytes of the rat pineal gland and the possible protective role of vinpocetine: ultrastucture study and clinical significance
Aziz Joseph
New Zealand
- P31. Effect of graded doses of acetylsalicylic acid on sperm chromatin integrity and sex hormones in adult male mouse
Faghani Masoumeh, Mohammadghasemi F
Iran
- P32. Mucosal nervous tissue and inflammatory infiltrate in appendicitis
Markovs J, Melderis I, Knipse G, Krumina D, Galuzā Agate
Latvia
- P33. Preventive and therapeutic administration of melatonin increases c-fos immunoreactivity in motor cortex in mice breast cancer model
Goksu Asiye Kubra, Akcay G, Erin N, Derin N, Tanriover G
Turkey
~~Regression and correlative analysis study of the graft length for reconstruction of medial patellofemoral ligament~~
Işıklar Sefa, Babacan S, Özdemir S
Turkey
~~Regression and correlative analysis study of the graft length for reconstruction of lateral patellofemoral ligament~~
Işıklar Sefa, Babacan S, Özdemir S
Turkey

E-poster session 3 (Friday, July 6, 16.00–16.20)

- P34. Vascular endothelial growth factor (VEGF), human beta-defensin-2 (HBD-2) and hepatocyte growth factor (HGF) appearance in congenital intra-abdominal adhesions in children under one year of age
Junga Anna, Pilmane M, Ābola Z, Volrāts O
Latvia
- P35. Crown-like structures in the epicardial and subcutaneous fat of patients with obesity and ischemic heart disease
Kučera Tomáš, Kloučková J, Lindner J, Lipš M, Haluzík M
Czech Republic
- P36. Effect of hydro-alcoholic and aqueous extract of *Viola odorata* L. on histological and biochemical parameters in pancreas of diabetic male rats
Mohammadghasemi Fahimeh, Gazor R, Aghajani-Nasab M, Niknezhad F
Iran

- P37. Immunocytochemical analysis of the distribution of smooth muscle fibers in the spleen of domestic animals
Molina Benedicto, Pardi P, Olave E
Chile
- P38. Quantification of the immunohistochemical expression of MART-1 by integrated optical density in melanocytic lesions
Paredes Marco, Navarrete F, Vasconcellos A
Chile

E-poster session 4 (Saturday, July 7, 10.40–11.00)

- P39. Quantification of macrophages in right atrium, epicardial fat and subcutaneous fat in cardiovascular surgery patients
Pierzynová Aneta, Kučera T
Czech Republic
- P40. Changes in the liver in the presence of hemorrhagic stroke: experimental study
Motorna N, Sokurenko Liudmyla, Gumenyuk A, Savosko S, Kaminsky R, Demydchuk A, Shamalo S, Chuhray S, Shobat L, Chaikovsky Y
Ukraine
- P41. Fractal-based analysis of the microvascular pattern in the histological sample of the adipose tissue
Šrámek Jaromír, Kučera T
Czech Republic
- P42. Small cell lung cancer tumor growth inhibition and reduction of EZH2 and p53 expression under influence of sodium valproate using the chicken embryo chorioallantoic membrane
Šlekienė L, Vosyliūtė Rūta, Stakišaitis D, Mozūraitė R, Balnytė I, Valančiūtė A
Lithuania
- P43. Carbonic anhydrase IX and its correlation with hypoxia inducible factor 1 α in colorectal cancer
Tupá Veronika, Drahošová S, Klínerová B, Grendár M, Adamkov M
Slovakia

E-poster session 5 (Saturday, July 7, 13.40–14.00)

- P44. Effect of L-carnitine supplementation on apoptosis in the cochlea of aged rats
Tas Gizem Gamze, Akcay G, Danisman B, Derin N, Sati L, Derin AT
Turkey
- P45. Investigation of possible oxidative damage caused by formaldehyde exposure in the rat's heart and aorta tissue
Tasdemir Rabia, Acar E, Colak T, Hunc F, Bamac B, Kır HM, Eraldemir C
Turkey
- P46. Detection of mast cells in the feline uterus by two different staining methods
Hamouzova Pavla, Cizek P, Bartoskova A
Czech Republic

STAND 3

ANATOMY (20)

E-poster session 1 (Friday, July 6, 10.40–11.00)

- P47. The morphological analysis of the symmetry of distal radius in adults
Deng Yu-ping, Xie PS, Wang M, Tan JC, Ouayng HB, Lin H, Huang WH
China
- P48. Anastomosis between the lingual and mylohyoid nerves in a mestized population of the Colombian surchcient
Torres MF, Bonilla V, Rúaless S, Fernández Sánchez Andrés, Orbes Portilla JO, García Garcés BH, Beltrán Angarita L, Martínez Niño CE, Marín Arias D, Marín Arias D, Rojas Puerta ME, Serrano Gelvez PD, Restrepo Ocampo FA, Velásquez Peña DA, Solarte Manquillo AF, Gutiérrez Mendoza MP, Acevedo Salazar CD, Guzmán Franco AM
Colombia
- P49. A new method of biostorage and biopreservation for human amputated extremities
Luo Jia, Zhou H, Rao L, Liu T, Liu L, Chen Y, Wang J, Hu T, Liu S, Chen D, Wang H, Zeng L, Hang JF
China
- P50. Different image perspectives of the lateral acromial length
Naidoo Nerissa, Lazarus L, Osman SA, Satyapal KS, Van Tongel A
United Arab Emirates
- P51. Morphometric anatomical variations of the posterior cerebral artery
Abuelnour Mohammed Ahmed, Goomaah HM
Saudi Arabia

E-poster session 2 (Friday, July 6, 13.40–14.00)

- P52. Investigation of nerve conduction velocity of tibial nerve, sural nerve and common fibular nerve in soccer players
Aksu Elif, Colak T, Selekler HM, Colak E, Mülayim S, Son M, Bamac B, Colak S
Turkey
- P53. An evaluation of antibacterial efficacy of modified Larssen solution
Yeğın ME, Koçer IB, Tiftikçioğlu YO, Çelik S, Bilge Okan
Turkey
- P54. Descriptive anatomy of bones from skulls of anencephaly
Binvignat Octavio, Torres JC Cruzat C, Olave E
Chile
- P55. Grooves and bony canal of the middle meningeal artery in the middle cranial fossa: mythic structures in anatomy and neurosurgery?
Eberlova Lada, Pisova S, Papezova L, Mirka H, Hosek P, Mik P, Kachlik D, Tegl V, Steflova M, Frcek J, Stepanek D
Czech Republic
- P56. The application of 3D printing of cardiac fiber skeleton and valves in anatomy teaching
Li Ying, Zhang XQ, Liu L, Tan LW, Zhang SX
China

E-poster session 3 (Friday, July 6, 16.00–16.20)

- P57. Innervation of the extensor carpi radialis brevis muscle in Brazilian individuals: biometry of its origin and distribution
Pérez L, Sousa-Rodrigues C, Olave Enrique
Chile
- P58. Terminology of the branches of the lateral circumflex femoral artery: who is who?
Palackic Alen, Feigl G
Austria
- P59. Angiographic study of the anatomical characteristics of the coronary arteries in Colombian population with risk factors for cardiovascular disease
Rivera-Cardona Guillermo
Colombia
- P60. Phenomenon of conformal growth of the human heart in ontogenesis
Spirina Galina A, Yalunin NV
Russia
- P61. Myocardial bridges in hypertension: friend or foe?
Teofilovski-Parapid Gordana, Kanjuh V, Labudovic-Borovic M, Jankovic R, Virmani R, Danchin N, Simic DV, Cirovic A, Ostojic MC, Parapid B
Serbia

E-poster session 4 (Saturday, July 7, 10.40–11.00)

- P62. Length of the styloid process of the temporal bone and its relation to sex, age and laterality
Toneva Diana, Nikolova S, Zlatareva D, Hadjidekov V, Dandov A
Bulgaria
- P63. Morphological variability of the pes anserinus
Topol Mirosław, Gonera B, Podgórski M, Polgaj M, Olewnik Ł
Poland
- P64. Variability of the sciatic nerve course in relation to the piriformis muscle
Topol Mirosław, Wysiadecki G, Polgaj M, Haładaj R
Poland
- P65. Communications between the lateral femoral cutaneous nerve of the thigh and the adjacent branches of the lumbar plexus: series of cases
Topol Mirosław, Wysiadecki G, Wojdyn M, Polgaj M, Haładaj R
Poland
- P66. Fossa vermiana revisited
Kunc V, Fabik J, Kubickova B, Kachlik David
Czech Republic

CLINICAL AND SURGICAL ANATOMY (24)

E-poster session 5 (Saturday, July 7, 13.40–14.00)

- P67. Topographic-anatomical study of a tunnel syndrome of pudendal neurovascular fascicle
Zhandarov KA, Dydykin Sergey S
Russia

- P68. Abdominal ultrasonography parameters in patients with obstructive sleep apnea syndrome
Filipović Branka, Đurić V, Marković O, Crevar-Marinović S, Jelic S
Serbia
- P69. Biometric relationships between the left atrioventricular ring and the coronary arteries
Henríquez Jorge P, Pradenas IM
Chile
- P70. Anatomical-topographic interrelations of bone phalanges and skin palmar folds of finger segments of the hand
Gal'chin A, Khayrullin Radik, Filippova E
Russia
- P71. Comparison of traditional physical therapy and Mulligan mobilization technique in treatment of cervicogenic headache
Argali Deniz M, Kose Evren, Bakir M, Yagar D, Ozbag D
Turkey

STAND 4

E-poster session 1 (Friday, July 6, 10.40–11.00)

- P72. Prediction of some related factors for stone-free rate in patients with kidney stones using artificial intelligence modeling
Kose Evren, Arslan AK, Beytur A, Colak C
Turkey
- P73. Evaluation of morphometry in extrahepatic bile ducts in preoperative and postoperative periods in diabetic and non-diabetic patients with cholelithiasis
Karataş T, Ozbag Davut, Demirtas G, Senol D, Cevirgen F, Canbolat M, Köse E
Turkey
- P74. Morphological study of the deep femoral artery and its branches
Łabętowicz P, Olewnik Ł, Podgórski M, Kiciński P, Wysiadecki G, Topol M, Polguj Michał
Poland
- P75. Sex-related differences in the orbital area of Bulgarians: a 3D laser scanning study
Petleshkova T, Sivkov S, Manev H, Raycheva R, Timonov Pavel, Baltadjiev A, Manev M, Yordanova M, Yordanova S, Vladimirov B, Zhecheva Y, Ivanova-Pandurska I
Bulgaria
- P76. Structural peculiarities of gallbladder in ultrasonographic and computer-tomographic images
Vasyliv Marta AL, Zubko LY, Masna ZZ, Sernyak VR, Chervinska MY
Ukraine

E-poster session 2 (Friday, July 6, 13.40–14.00)

- P77. Retrospective analysis of safe zones of facial arteries for minimally invasive procedures in open source Osirix software
Yildiz Yilmaz Meric, Nas OF, Ozdemir S, Hakyemez B, Coskun I
Turkey

- P78. Anatomy teaching when there are no corpses: the experimental animal model porcine as a tool for the development of surgical skills in students of human medicine, nursing, dentistry and veterinary medicine
Fernández Sánchez Andrés, Fontal Vargas PA, Beltrán Angarita L, Salazar López GA, Orbes Portilla JO, Martínez Carlos EN
Colombia
- P79. Animal model of upper-airway injury and stenosis treatment
Grigorevskiy Evgeny, Kudryavitsky E, Safronova E, Dydykin S, Kolchenko S, Piskunova N, Perfil'yev I, Romanova O, Panteleyev A
Russia
- P80. Topographic-anatomical changes after removals of internal organs as the composite part of modern clinical anatomy
Kagan Ilya Iosifovich, Tretyakov AA, Chemezov SV, Vasukov MN, Rykov AE, Safronova UV
Russia
- P81. Anatomical analysis of complex tibial fracture using patient specific 3D models
Ozturk M, Ozer MA, Suer O, Karakas Asli Beril, Govsa F
Turkey

E-poster session 3 (Friday, July 6, 16.00–16.20)

- P82. Primary femoral nerve entrapment: a case report
Fahrioglu Sevda Lafçı, Gurkanlar D, Uygur ER
Northern Cyprus
- P83. CT-scan changes after the postpneumonectomy cavity plasty in experiment
Liashchenko Sergei N, Vasyukov MN, Vasyukov AM, Filippov MV, Karasartov TS
Russia
- P84. Selection of osteosynthetic material and technique in treatment of calcaneal fractures stretching to calcaneocuboid joint, considering anatomical proportions
Bába Vít, Kopp L, Samešová A, Kachlík D
Czech Republic
- P85. Cervical vagus nerve morphometry and vascularity in the context of nerve stimulation: a cadaveric study
Hammer Niels, Löffler S, Cakmak YO, Ondruschka B, Planitzer U, Schultz M, Winkler D, Weise D
New Zealand
- P86. Sacroiliac joint ligaments and sacroiliac pain: microstructural findings on morphological alterations
Hammer Niels, Fuchs V
New Zealand

E-poster session 4 (Saturday, July 7, 10.40–11.00)

- P87. Successful treatment of a partial anomalous pulmonary venous connection (PAPVC) with interventional transcatheter closure
Liu Ye, Wang L, Zhang F
China
- P88. Personalized medicine with anatomical model as life size patient specific lumbar fracture
Ozturk M, Ozer MA, Karakas Asli Beril, Suer O, Govsa F
Turkey

- P89. Effect of different lengthening distance on vertebral column stability after pedicle-lengthening osteotomy
Ouyang Jun, Qian L, Sun P, Zhong S
 China
- P90. Morphometric study for restoration of external ear by bony landmarks: preliminary test
Kim Deog-Im, Lee WB, Han SH
 South Korea

COMPARATIVE ANATOMY (5)

E-poster session 5 (Saturday, July 7, 13.40–14.00)

- P91. Body structure and nutrition of 5–8 year-old children and its correlation on the form of the hand: a pilot study
 Salinas E, Aufartová Jana, Aguilar Vilas MV, Rodríguez Torres R, Alonso-Rodríguez MC
 Spain
- P92. Comparative analysis of the mineral composition of bone tissue of the jaws in human and experimental animals
Vasyliv Marta AL, Chervinska MY, Pavliv KhI, Sohujko RR, Cherkes MB, Kotsarenko MV, Masna-Chala OZ
 Ukraine
- P93. Morphometric differences between sexes of *Darevskia rudis* in a breeding population
Kutrup Bilal, Bülbül U, Kurnaz M, Koç H
 Turkey
- P94. Morphological comparison on the populations of *Podarcis siculus* in Turkey
 Bülbül U, Kutrup Bilal, Eyüboğlu Z
 Turkey
- P95. Morphological comparison on the populations of *Darevskia clarkorum* in Turkey
 Bülbül U, Odabaş Y, Kutrup Bilal
 Turkey

STAND 5

NEUROSCIENCE (24)

E-poster session 1 (Friday, July 6, 10.40–11.00)

- P96. Morphological changes of glial cells in the hypothalamus in obesity
Vrabcová Michaela, Lorencová M, Csobonyeiová M, Polák Š
 Slovakia
- P97. Segmental innervation of the lateral rectus muscle evaluated using Sihler's staining technique
 Topol M, Wysiadecki G, Polgaj M, Haładaj Robert
 Poland
- P98. MIR-200A suppresses glioma cell migration and invasion via directly targeting MAGED4
Zhang Qingmei, Wu H, Yan J, Luo B, Liu C, Ge Y, Chen F, Xiao SW, Xie XX
 China

- P99. Use of dendritic cells loaded with MAGED4 recombinant protein to generate cytotoxic T-lymphocytes against glioma
Zhang Qingmei, Bi S, Luo B, Ge Y, Liu C, Fang C, Xiao SW, Xie XX
 China
- P100. NY-SAR-35 involved in glioma tumorigenesis: a promising target for prognosis and therapy
Zhang Qingmei, Luo B, Peng Y, Wei Z, Ge YY, Chen F, Liu C, Xiao SW, Xie XX
 China

E-poster session 2 (Friday, July 6, 13.40–14.00)

- P101. Development of a 3D-cell culture model for adipose-derived stromal/stem cells
Zwierzina Marit, Amann A, Ejaz A, Hatzmann F, Kern J, Korschake M, Lorenz E, Pierer G, Fritsch H, Zwerschke W
 Austria
- P102. Effects of biotin deficiency on learning and anxiety during prenatal and postnatal periods
Akcay Guven, Danisman B, Derin N
 Turkey
- P103. Surfactant protein H – a protein of the tear film, that lowers surface tension, is increased in dry eye disease and accelerates corneal wound healing
Bräuer Lars, Schicht M, Hartjen N, Beileke S, Garreis F, Jacobi C, Sahin A, Holland D, Paulsen F
 Germany
- P104. Agrin regulates target-selective peripheral nerve regeneration by nano-5-FU ethosome
Feng Zhujun, Xu H, Chen J, Ma A, Li F, Wo Y
 China
- P105. Anatomical description of the intracranial relations of the trochlear nerve
 Orbes Portilla JO, Fernández Sánchez Andrés, García Garcés BH, Beltrán Angarita L, Salazar López G, Martínez Niño CE, Rojas Puerta ME, Marín Arias D, Solarte Manquillo AF, Gutiérrez Mendoza MP, Obando AM, Cruz Sánchez G, María Guzmán FA, Pérez Alzate V, Restrepo Velarde JD
 Colombia

E-poster session 3 (Friday, July 6, 16.00–16.20)

- P106. Microscopic characteristics of extradural lumbosacral nerve roots connections
Haviarová Zora, Matejčík V, Kuruc R, Líška J, Šteňo J
 Slovakia
- P107. Distribution of the perikarya of the motor neurons of geniohyoid muscle in rats
 Razlan AN, Ullah M, Kapitonova Marina, Liaqat Ali Khan N, Fuad SB
 Malaysia
- P108. Testosterone influences PSD95 expression by non-genomic action via the ZIP9/Gn α 11/Erk signalling pathway in mouse hippocampal HT22 cells
Li Sha, Zhang Y, Liu X, Feng B, He Z, Chen H, Cui H
 China
- P109. The expression of GDNF and p75NTR in the nucleus accumbens during heroin dependence and withdrawal
Li Yi-Xin, Xia BJ, Liang WM
 China

- P110. Gestational stress inhibits hippocampal HDAC2 expression in offspring in a sex- and age-dependent manner
Liao Libin, Wang XQ, Yao XP, Zhang B, Zhou LH, Tong JB, Huang JF
China

E-poster session 4 (Saturday, July 7, 10.40–11.00)

- P111. Aquaporin-4 expression is regulated by dystroglycan via ERK/MAPK pathway in scratch-wound astrocytes
Liu Hui, Yang M, Qiu G-P, Zhou F, Xu J
China
- P112. Morphological properties of medial amygdala-projecting retinal ganglion cells in the Mongolian gerbil
Luan Liju, He M, Nan Y, Gao J, Pu L
China
- P113. Use of a human meibomian gland epithelial cell line to study meibomian gland dysfunction
Garreis F, Adelung S, Abrar DB, Hampel U, Schicht M, Bräuer L, Paulsen Friedrich
Germany
- P114. GFAP as biomarker of multiple sclerosis: a review of literature
Sotgiu Maria Alessandra, Madeddu R, Mazzarello V, Montella A, Bandiera P
Italy
- P115. Is there any difference between brain cortical thicknesses of deficit and non-deficit schizophrenia patients and healthy controls?
Karakas AB, Tanir Deniz, Polat Nazli I, Gonul AS
Turkey

E-poster session 5 (Saturday, July 7, 13.40–14.00)

- P116. Morphological analysis of the human occipital cortex
Žigić Sonja, Škrbić D, Samardžija G, Babović SS
Serbia
- P117. Cytoarchitectonic organization of verruca hippocampi in human cortex
Bexheti Sadi, Shatri J
Macedonia
- P118. Labelling of individual ependymal areas in human brain ventricles: ependymal tables
Lorencová Mária, Mitro A, Csöbönyeiová M, Mikušová R, Kútna V, Polák Š
Slovakia
- P119. Assessment of Syringic acid and Deltamethrin with learning and memory tests
Ogut Eren, Sekerci R, Akcay G, Yildirim FB, Derin N
Turkey

STAND 6

ANTHROPOLOGY (10)

E-poster session 1 (Friday, July 6, 10.40–11.00)

- P120. Morphological analysis of symmetry of the lower limbs in Chinese young adults
Lin Ze Yu, Lin H, Deng Yp, Liao Zw, Li D, Yu Qq, Xie Ys, Huang Wh
China

- P121. Predicting sex through metric and non-metric analysis of the hard palate and the pyriform aperture
Alves Nilton, Ceballos F, Hernández P, González J, Deana NF
 Chile
- P122. Markers of occupational stress and bones morphology in Roman necropolis of Monte Carru (Alghero-Italy)
 Serra RM, Chessa E, Pomponi V, Mazzarello V, Pirino A, La Fragola A, Manzoni G, Montella A, Bandiera Pasquale
 Italy
- P123. The greater palatine foramen: morphometric parameters and clinical significance
Radošević Dragana, Knezi N, Ilić A, Marić D, Drvendžija Z, Perić R
 Serbia
- P124. Male attractiveness and fascial masculinity
 Çoban İ, Yaprak Fulya, Derin O, Pınar Y, Gövsa F
 Turkey

E-poster session 2 (Friday, July 6, 13.40–14.00)

- P125. The distal epiphysis of the humerus as an indicator of sex: a forensic proposal
 Sepulveda MFI, Reyes BEI, Olave E, Binvignat Octavio
 Chile
- P126. Evaluation of the relationship between Mallampati score and anthropometric measurements of different somatotypes in 7-17 year old child
 Toy Ş, Ozbag Davut, Şenol D, Gülhaş N, Köse E
 Turkey
- P127. Evaluation of anthropometric and cone-beam computed tomography measurements of anatomical structures, affecting the Mallampati scores
 Senol D, Ozbag Davut, Dedeoglu N, Cevirgen F, Toy S, Ogeturk M, Kose E
 Turkey
- P128. Peculiarities of finger indices of hand 1D:3D and 2D:4D in dependence on gender and type of the constitution
Perepelkin Andrei I, Mandrikov VB, Krayushkin AI, Doronin AB, Matveeva OV
 Russia
- P129. Analysis of the frequency of the pathological spine curves in individuals of the junior age of different sex and constitution and their effect on digestive, respiratory and cardiovascular systems
Vasyliv Marta AL, Chalyj IVT, Adamovych OO, Adamovych OP, Masna ZZ, Cherkes MB
 Ukraine

DEVELOPMENTAL BIOLOGY AND EMBRYOLOGY (8)

E-poster session 3 (Friday, July 6, 16.00–16.20)

- P130. Ultrastructural analysis of human germinal vesicle stage oocytes during application of assisted reproductive technologies
Antonouli Sevastiani, Belli M, Palmerini MG, Bianchi S, Bernardi S, Cecconi S, Donfrancesco O, Familiari G, Nottola SA, Macchiarelli G
 Italy

- P131. Morphological study of the influence of gold nanoparticles at last period of the fetogenesis of rats
Khayrullin Radik, Mikheeva N
Russia
- P132. Toxic doses of estrogen during pregnancy lead to irreversible changes in the ovaries of the offspring
Khayrullin Radik, Sulaymanova R
Russia
- P133. The protective effect of irradiation with red incoherent LED of the hematopoietic tissue of the red bone marrow at skin burns
Stolbovskaya O, Salmanskaya A, Khayrullin Radik
Russia
- P134. The role of SATb2 in odontogenesis
Nevoranková Petra, Landová M, Buchtová M
Czech Republic
- P135. The expression of FZD6 in the successional dental lamina of pig and human embryos
Putnová Iveta, Putnová B, Dosedělová H, Štembírek J, Buchtová M
Czech Republic
- P136. Expression and localization of KIF17 in mouse uteri and implantation sites during peri-implantation period
Tas Gizem Gamze, Aksu K, Acar-Aydemir N, Sati L
Turkey
- P137. Beta estrogen receptors distribution in the ewe lambs ovary
Vasconcellos C Adriana, Paredes HM, Aguilar GC
Chile

EDUCATION (10)

E-poster session 4 (Saturday, July 7, 10.40–11.00)

- P138. Questionnaire survey analysis on necessity of cadaveric dissection for nursing students: in scope of nursing students and professors
Kim Deog-Im
South Korea
- P139. Survey research on the needs of forensic nursing in undergraduate curriculum
Lee SJ, Kim NY, Kim Deog-Im
South Korea
- P140. Should we eliminate conventional light microscopy from histology laboratory course – what do students think?
Kostovski Marko, Kostadinova-Petrova I, Kakasheva-Mazhenkovska L, Mitevska E, Milenkova L.
Macedonia
- P141. Styles of medical illustration used in anatomical plates for teaching purposes at the University of Chile
Cárdenas Julio, Dinator M
Chile
- P142. Anatomyka – a highly detailed interactive 3D human anatomy atlas
Hudak Radovan, Novysedlak Rene, Galik Maros, Lecko Peter
Czech Republic

E-poster session 5 (Saturday, July 7, 13.40–14.00)

- P143. Application of mean difference method in students' self- and peer-assessment
Lan Yong Hong, Cui ZG, Niu HY, Zhang YH, Qi YL
China
- P144. Application of information technology in anatomy teaching
Zhou Jin, Huang JF, Xiong K
China
- P145. An exploration of the anatomy teaching reform based on the integration of organ system
Ma Zhijian, Yi XN
China
- P146. Perceptions of South African and Nigerian anatomists on cadaver procurement for teaching and research
Soobramoney Pathmavathie, McQuoid-Mason D, Satyapal KS
South Africa
- P147. The use of porcine corrosion casts for teaching human anatomy
Eberlova Lada, Liska V, Mirka H, Tonar Z, Haviar S, Svoboda M, Palek R, Eminger M, Rosendorf J, Kriz T, Bednar L, Mik P, Leupen S, Steflova M, Lametschwandtner A
Czech Republic

STAND 7

IMAGING (12)

E-poster session 1 (Friday, July 6, 10.40–11.00)

- P148. Measuring skin color using digital camera and macro lens with built-in light emitting diode (LED) lamps: a clinical application in esthetic treatment
Hong JH, Kye YC, Seo SH, Ahn Hyo Hyun
South Korea
- P149. Course of the mandibular canal and the position of the mental foramen by panoramic X-ray in Chilean individuals
Cartes G, Garay I, Deana NF, Navarro P, Alves Nilton
Chile
- P150. Virtuopsy: imagenological description of a mortinate
Fernández Sánchez Andrés, Orbes Portilla JO, Martínez Carlos EN, Orozco Giraldo A, García Garcés B
- P151. Creutzfeldt-Jacob disease – cases reports
Kabashi Antigona, Ahmetgjekaj I, Krasniqi E, Shatri J
Kosovo

E-poster session 2 (Friday, July 6, 13.40–14.00)

- P152. Quantification of intraepidermal nerve fiber density using three-dimensional microscopy
Kim Dai Hyun, Lee SJ, Kim B, Ahn HH, Rhyu IJ
South Korea

- P153. Visibility of the mandibular canal in computerized axial tomography using a program of ultra-low dose
Matamala Fernando, Nahuelcura N, Bastías C
 Chile
- P154. Application of industrial computed tomography for cranial suture examination
Nikolova Silviya, Toneva D, Georgiev I, Harizanov S, Lazarov N
 Bulgaria
- P155. MRA-based evaluation of anatomical variation of circle of Willis in adult study in tertiary hospital
Shatri Jeton, Nuraj B, Bexheti S
 Kosovo

E-poster session 3 (Friday, July 6, 16.00–16.20)

- P156. Biometric characteristics of the basilar artery in Chilean individuals according to sex and age
Torrez Juan Carlos, Ibarra M, Riquelme N, Olave E
 Chile
- P157. Three dimensional personalized anatomical models of complex fractures of elbow joint
 Coban I, Yaprak Fulya, Ozer MA, Pinar Y, Govsa F
 Turkey
- P158. Three-dimensional aortic arch patterns models to aid preoperative planning
Yaprak Fulya, Ozer MA, Kesici O, Bedre O, Govsa F
 Turkey
- P159. Disc herniations in different lumbosacral transitional anatomy types
Matveeva Niki, Chabukovska J, Papazova M, Zhivadinovik J, Zafirova B, Chadikovska E, Bojadzieva B, Dodevski A
 Macedonia

NEUROSCIENCE (5)

E-poster session 4 (Saturday, July 7, 10.40–11.00)

- P160. The Nogo-A maintain the function of TRPV1 in inflammatory hypersensitivity via inhibition of calpain activation
 Liu HC, Su DQ, Wang Y, Wang Jun
 China
- P161. Hypotonic induction of aquaporin5 expression in rat astrocytes through p38 MAPK pathway
 Liu XY, Sun SQ, Yang Mei
 China
- P162. Study on exosomes promoting nerve regeneration and its molecular mechanism
 Liu L, Cao YP, Huang HY, Ren R, Tan XH, Li YQ, Liu H, Zhang XF, Fu Y, Huang K, Yi Xi Nan
 China
- P163. The role of rhynchophylline in alleviating early brain injury and cerebral vasospasm following subarachnoid hemorrhage in rats
Zhang Yan, Zhou Changman
 China

- P164. Spastin regulates synaptic plasticity through internalization of AMPA receptors
Zhang Jifeng, Cai ZB, Li J, Zhu XN, Chen L, Wu FM, Guo GQ
China

VARIA (4)

E-poster session 5 (Saturday, July 7, 13.40–14.00)

- P165. Anatomical considerations for the performance of the intra-articular injection technique in the rabbits temporomandibular joint
Molinet MM, Alves Nilton
Chile
- P166. Parameters of metabolic syndrome in obese children and adolescents
Kostovski Marko, Gucev Z, Tasic V, Polenakovic M
Macedonia
- P167. Werner syndrome: Quantitative Assessment of Skin Aging
Mazzarello Vittorio, Ferrari M, Piu G, Piga G, Decandia S, Sotgiu A, Bandiera P, Ena P
Italy
- P168. Dermatoglyphics and clinical research
Chadikovska Elizabeta, Papazova M, Matveeva N, Zafirova B, Bojadzieva B, Trpkovska B
Macedonia