

E-POSTER PRESENTATIONS

STAND 1

MORPHOLOGY

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**
Balnýtė 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 (Brazil)
- 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

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)
- 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, Tuluçe 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)
- 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, Pasmíño 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)

- 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

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: ultrastructure 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, Melders I, Knipse G, Krumina D, Galuza 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)

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, Pilmene 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 Ljudmyla, 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, Klinierová 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, Kir 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

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, Rúales 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**
Yeğin 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 Miroslaw, Gonera B, Podgórski M, Polguy M, Olewnik Ł (Poland)

P64. Variability of the sciatic nerve course in relation to the piriformis muscle

Topol Miroslaw, Wysiadecki G, Polguy 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 Miroslaw, Wysiadecki G, Wojdyn M, Polguy M, Haładaj R (Poland)

P66. Fossa vermiana revisited

Kunc V, Fabik J, Kubickova B, Kachlik David (Czech Republic)

CLINICAL AND SURGICAL ANATOMY

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. Structural peculiarities of gallbladder in ultrasonographic and computer-tomographic images

Vasyliv Marta AL, Zubko LY, Masna ZZ, Sernyak VR, Chervinska MY (Ukraine)

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**
Köse 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, Özbag 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, Wysiadeci 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. Biometric relationships between the left atrioventricular ring and the coronary arteries**
Henríquez Jorge P, Pradenas IM (Chile)

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**
Yıldız Yılmaz 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 Lafcı](#), Gurkanlar D, Uygur ER (Northern Cyprus)

P83. CT-scan changes after the postpneumonectomic 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, Kachlik 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. Personalized medicine with anatomical model as life size patient specific lumbar fracture

Ozturk M, Ozer MA, [Karakas Asli Beril](#), Suer O, Govsa F (Turkey)

P88. Effect of different lengthening distance on vertebral column stability after pedicle-lengthening osteotomy

[Ouyang Jun](#), Qian L, Sun P, Zhong S (China)

P89. Morphometric study for restoration of external ear by bony landmarks: preliminary test

[Kim Deog-Im](#), Lee WB, Han SH (South Korea)

COMPARATIVE ANATOMY

E-POSTER SESSION 5 (SATURDAY, JULY 7, 13.40–14.00)

P90. 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)

- P91. Comparative analysis of the mineral composition of bone tissue of the jaws in human and experimental animals**
Vasylyv Marta AL, Chervinska MY, Pavliv Khl, Sohujko RR, Cherkes MB, Kotsarenko MV, Masna-Chala OZ (Ukraine)
- P92. Morphometric differences between sexes of *Darevskia rudis* in a breeding population**
Kutrup Bilal, Bülbül U, Kurnaz M, Koç H (Turkey)
- P93. Morphological comparison on the populations of *Podarcis siculus* in Turkey**
Bülbül U, Kutrup Bilal, Eyüboğlu Z (Turkey)
- P94. Morphological comparison on the populations of *Darevskia clarkorum* in Turkey**
Bülbül U, Odabaş Y, Kutrup Bilal (Turkey)

STAND 5

NEUROSCIENCE

E-POSTER SESSION 1 (FRIDAY, JULY 6, 10.40–11.00)

- P95. Morphological changes of glial cells in the hypothalamus in obesity**
Vrabcová Michaela, Lorencová M, Csobonyeiová M, Polák Š (Slovakia)
- P96. Segmental innervation of the lateral rectus muscle evaluated using Sihler's staining technique**
Topol M, Wysiadeci G, Polgaj M, Haładaj Robert (Poland)
- P97. 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)
- P98. 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)
- P99. 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)

- P100. Development of a 3D-cell culture model for adipose-derived stromal/stem cells**
Zwierzina Marit, Amann A, Ejaz A, Hatzmann F, Kern J, Konschake M, Lorenz E, Pierer G, Fritsch H, Zwerschke W (Austria)
- P101. Effects of biotin deficiency on learning and anxiety during prenatal and postnatal periods**
Akçay Guven, Danisman B, Derin N (Turkey)

- P102. 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)

- P103. 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)

- P104. 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)

- P105. Microscopic characteristics of extradural lumbosacral nerve roots connections**

Haviarová Zora, Matejčík V, Kuruc R, Líška J, Šteňo J (Slovakia)

- P106. 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)

- P107. The expression of GDNF and p75NTR in the nucleus accumbens during heroin dependence and withdrawal**

Li Yi-Xin, Xia BJ, Liang WM (China)

- P108. 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)

- P109. 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)

- P110. Morphological properties of medial amygdala-projecting retinal ganglion cells in the Mongolian gerbil**

Luan Liju, He M, Nan Y, Gao J, Pu L (China)

- P111. 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)

- P112. GFAP as biomarker of multiple sclerosis: a review of literature**
Sotgiu Maria Alessandra, Madeddu R, Mazzarello V, Montella A, Bandiera P (Italy)
- P113. 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)

- P114. Morphological analysis of the human occipital cortex**
Žigić Sonja, Škrbić D, Samardžija G, Babović SS (Serbia)
- P115. Cytoarchitectonic organization of verruca hippocampi in human cortex**
Bexheti Sadj, Shatri J (Macedonia)
- P116. Labelling of individual ependymal areas in human brain ventricles: ependymal tables**
Lorencová Mária, Mitro A, Csöbönyeiová M, Mikušová R, Kútna V, Polák Š (Slovakia)
- P117. 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

E-POSTER SESSION 1 (FRIDAY, JULY 6, 10.40–11.00)

- P118. 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)
- P119. 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)
- P120. 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)
- P121. The greater palatine foramen: morphometric parameters and clinical significance**
Radošević Dragana, Knezi N, Ilić A, Marić D, Drvendžija Z, Perić R (Serbia)

- P122. **Male attractiveness and fascial masculinity**
Çoban İ, Yaprak Fulya, Derin O, Pinar Y, Gövsa F (Turkey)

E-POSTER SESSION 2 (FRIDAY, JULY 6, 13.40–14.00)

- P123. **The distal epiphysis of the humerus as an indicator of sex: a forensic proposal**
Sepulveda MFI, Reyes BEI, Olave E, Binvignat Octavio (Chile)
- P124. **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)
- P125. **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)
- P126. **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)
- P127. **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**
Vasylyv Marta AL, Chalyj IVT, Adamovych OO, Adamovych OP, Masna ZZ, Cherkes MB (Ukraine)

DEVELOPMENTAL BIOLOGY AND EMBRYOLOGY

E-POSTER SESSION 3 (FRIDAY, JULY 6, 16.00–16.20)

- P128. **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 (Ital)
- P129. **Morphological study of the influence of gold nanoparticles at last period of the fetogenesis of rats**
Khayrullin Radik, Mikheeva N (Russia)
- P130. **Toxic doses of estrogen during pregnancy lead to irreversible changes in the ovaries of the offspring**
Khayrullin Radik, Sulaymanova R (Russia)
- P131. **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)

- P132. The role of SATb2 in odontogenesis**
Nevoranková Petra, Landová M, Buchtová M (Czech Republic)
- P133. 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)
- P134. 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)
- P135. Beta estrogen receptors distribution in the ewe lambs ovary**
Vasconcellos C Adriana, Paredes HM, Aguilar GC (Chile)

EDUCATION

E-POSTER SESSION 4 (SATURDAY, JULY 7, 10.40–11.00)

- P136. Questionnaire survey analysis on necessity of cadaveric dissection for nursing students: in scope of nursing students and professors**
Kim Deog-Im (South Korea)
- P137. Survey research on the needs of forensic nursing in undergraduate curriculum**
Lee SJ, Kim NY, Kim Deog-Im (South Korea)
- P138. 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)
- P139. Styles of medical illustration used in anatomical plates for teaching purposes at the University of Chile**
Cárdenas Julio, Dinator M (Chile)
- P140. 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)

- P141. Application of mean difference method in students' self- and peer-assessment**
Lan Yong Hong, Cui ZG, Niu HY, Zhang YH, Qi YL (China)
- P142. Application of information technology in anatomy teaching**
Zhou Jin, Huang JF, Xiong K (China)
- P143. An exploration of the anatomy teaching reform based on the integration of organ system**
Ma Zhijian, Yi XN (China)

- P144. Perceptions of South African and Nigerian anatomists on cadaver procurement for teaching and research**
Soobramoney Pathmavathie, McQuoid-Mason D, Satyapal KS (South Africa)
- P145. 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, Steflava M, Lametschwandtner A (Czech Republic)

STAND 7

IMAGING

E-POSTER SESSION 1 (FRIDAY, JULY 6, 10.40–11.00)

- P146. 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)
- P147. 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)
- P148. Virtuopsy: imagenological description of a mortinate**
Fernández Sánchez Andrés, Orbes Portilla JO, Martínez Carlos EN, Orozco Giraldo A, García Garcés B (Colombia)
- P149. 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)

- P150. Quantification of intraepidermal nerve fiber density using three-dimensional microscopy**
Kim Dai Hyun, Lee SJ, Kim B, Ahn HH, Rhyu IJ (South Korea)
- P151. Visibility of the mandibular canal in computerized axial tomography using a program of ultra-low dose**
Matamala Fernando, Nahuelcura N, Bastías C (Chile)
- P152. Application of industrial computed tomography for cranial suture examination**
Nikolova Silviya, Toneva D, Georgiev I, Harizanov S, Lazarov N (Bulgaria)
- P153. 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)

- P154. **Biometric characteristics of the basilar artery in Chilean individuals according to sex and age**
Torrez Juan Carlos, Ibarra M, Riquelme N, Olave E (Chile)
- P155. **Three dimensional personalized anatomical models of complex fractures of elbow joint**
Coban I, Yaprak Fulya, Ozer MA, Pinar Y, Govsa F (Turkey)
- P156. **Three-dimensional aortic arch patterns models to aid preoperative planning**
Yaprak Fulya, Ozer MA, Kesici O, Bedre O, Govsa F (Turkey)
- P157. **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

E-POSTER SESSION 4 (SATURDAY, JULY 7, 10.40–11.00)

- P158. **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)
- P159. **Hypotonic induction of aquaporin5 expression in rat astrocytes through p38 MAPK pathway**
Liu XY, Sun SQ, Yang Mei (China)
- P160. **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)
- P161. **The role of rhynchophylline in alleviating early brain injury and cerebral vasospasm following subarachnoid hemorrhage in rats**
Zhang Yan, Zhou C (China)
- P162. **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

E-POSTER SESSION 5 (SATURDAY, JULY 7, 13.40–14.00)

- P163. Anatomical considerations for the performance of the intra-articular injection technique in the rabbits temporomandibular joint**
Molinet MM, Alves Nilton (Chile)
- P164. Parameters of metabolic syndrome in obese children and adolescents**
Kostovski Marko, Gucev Z, Tasic V, Polenakovic M (Macedonia)
- P165. Werner syndrome: Quantitative Assessment of Skin Aging**
Mazzarello Vittorio, Ferrari M, Piu G, Piga G, Decandia S, Sotgiu A, Bandiera P, Ena P (Italy)
- P166. Dermatoglyphics and clinical research**
Chadikovska Elizabeta, Papazova M, Matveeva N, Zafirova B, Bojadzieva B, Trpkovska B (Macedonia)