



POSTER SESSION 1

ANATOMY – HEAD AND NECK, TRUNK, LOCOMOTOR SYSTEM, CNS AND PNS

- 1. Domoráková Iveta** Ischemia-reperfusion and bradykinin postconditioning: morphometric evaluation of the edematous grey matter lesions in rabbit spinal cord
Domoráková I., Fagová Z., Danková M., Mechírová E., Stebnický M.
- 2. Korim Filip** Preparation method of ligamentous apparatus specimen of the stifle joint in horses
Korim F., Žert Z., Karamanová M., Horňáková P.
- 3. Krešáková Lenka** Anatomic investigation of the cranial cardiac vein in rats
Krešáková L., Vdoviaková K., Petrovová E.
- 4. Šimaiová Veronika** Articular cartilage defects regeneration using a chitosan based scaffold in the sheep
Šimaiová V., Tomčo M., Holovská K., Krešáková L., Vdoviaková K., Petrovová E.
- 5. Vdoviaková Katarína** The importance of the rat jejunal arteries in the experimental surgery
Vdoviaková K., Krešáková L., Petrovová E., Šimaiová V.

HISTOLOGY AND EMBRYOLOGY

- 6. Almášiová Viera** Influence of electromagnetic radiation on kidney structure of prenatally exposed rats
Almášiová V., Holovská K., Andrašková S., Cigánková V.
- 7. Hamouzová Paula** Canine and feline mast cells: Using different fixation fluids
Hamouzová P., Čížek P., Bartošková A.
- 8. Holovská Katarína** The effects of prenatal exposure to electromagnetic radiation on rat liver
Holovská K., Almášiová V., Andrašková S., Beňová K., Cigánková V.
- 9. Kadlecová Simona** Confirmation of ultrastructural findings by immunofluorescent examination in primary ciliary dyskinesia
Kadlecová S., Martinů V., Pohunek P., Uhlík J.
- 10. Kučera Tomáš** The increased number of mast cells in epicardial adipose tissue is associated with coronary artery disease
Rozsivalová K., Pierzynová A., Kloučková J., Lindner J., Lipš M., Haluzík M., Kučera T.
- 11. Kvasilová Alena** The development of the cardiac conduction system in avians: chick versus other species
Kvasilová A., Olejníčková V., Gregorovičová M., Sedmera D.
- 12. Pierzynová Aneta** Myocardial and adipose tissue CD68+ cells are associated with cardiovascular and metabolic disease in heart surgery human patients
Pierzynová A., Šrámek J., Cinkajzlová A., Kratochvílová H., Lindner J., Haluzík M., Kučera T.
- 13. Polakovičová Simona** The morphological structure of the human pineal gland at light microscopic and electron microscopic levels
Polakovičová S., Liška J., Řisová V., Kopáni M., Krivošíková L., Polák Š.

- 14. Šrámek Jaromír** Mathematical morphology as a tool for quantitative description of an adipose tissue on the histological slide
Šrámek J., Kučera T.
- 15. Teshayev Shuxrat** Morphological changes of small intestine and testes in norm, in irradiation and under the influence of the biostimulant – ASD-2
Teshayev Sh., Haribova E., Radjabov A., Shukurov I., Khojiev D., Khasanova D., Baymuradov R.
- 16. Uhlík Jiří** Upregulated vessel formation in the contracted side of the clubfoot
Novotný T., Uhlík J., Eckhardt A., Ošťádal M.
- 17. Vohníková Markéta** Proportions of the growing chick embryo body wall on embryonic day 6
Vohníková M., Škapová K., Hubičková Heringová L., Maňáková E., Zemanová Z.
- 18. Vrabcová Michaela** Hypothalamic changes associated with chronic liquid nutrition feeding
Vrabcová M., Polák Š.

HISTOCHEMISTRY AND CYTOCHEMISTRY

- 19. Danková Marianna** The effects of remote conditioning on spinal cord ischemia/reperfusion injury in rabbit
Danková M., Domoráková I., Fagová Z., Stebnický M., Mechírová E.
- 20. Fagová Zuzana** Bradykinin postconditioning influences neuronal survival and HSP-70 immunoreaction in the rabbit spinal cord after ischemia
Fagová Z., Domoráková I., Danková M., Mechírová E., Stebnický M.
- 21. Hladová Alena** Expression of survivin and paclitaxel resistance in rat mammary tumor cells
Hladová A., Rybářová S., Hodorová I.
- 22. Hvizdošová Natália** Fluoro-jade positive neurons in the contralateral hemisphere after focal cerebral ischemia of rat
Hvizdošová N., Horváthová F., Kluchová D., Kolesár D., Matéffy S., Vecanová J., Bona M.
- 23. Kolesár Dalibor** Immunohistochemical analysis of the dorsal root entry zone and the dorsal funiculus of the spinal cord in rat
Kolesár D., Maršala J.†, Filipčík P.
- 24. Kováčová Zuzana** Immunohistochemistry of colorectal carcinoma: expression of survivin
Kováčová Z., Hodorová I.
- 25. Mechírová Eva** 5G4 immunohistochemistry in the enteric nervous system
Mechírová E., Škorvánek M., Tóth Š., Gdovinová Z.
- 26. Rybářová Silvia** p53 expression in relation to paclitaxel resistance in rat mammary tumor cells
Rybářová S., Hladová A., Hodorová I.
- 27. Pavliuk-Karachevtseva Andriana** GPx8 expression in cancer cells of colorectal carcinoma
Pavliuk-Karachevtseva A., Krehelová A., Mihalík J., Hodorová I.
- 28. Ševčíková Zuzana** The effect of FGF2 in wound healing
Ševčíková Z., Danešová M., Buchtová M.

POSTER SESSION 2

CLINICAL AND IMAGING ANATOMY

- 29. Al-Redouan Azzat** Scapula – new anatomical terms of not yet described structures: a modified Delphi approach
Al-Redouan A., Kachlík D.
- 30. Bartoš Martin** Micro-CT evaluation of heart architecture in experimental animals
Bartoš M., Olejníčková V., Kvasilová A., Gregorovičová M., Sedmera D.
- 31. Bevízová Katarína** Morphometric study of variable origin of the recurrent artery of Heubner
Bevízová K., El Falougy H., Zohdi V., Dovalová D., Mifkovič A., Kubíková E.
- 32. Dovalová Daniela** Comparative anatomy of human and animal eyeballs
Dovalová D., Zohdi V., El Falougy H., Mifkovič A., Bevízová K., Kubíková E.
- 33. El Falougy Hisham** Determination of anatomical extent of the urinary bladder cancer
El Falougy H., Bevízová K., Zohdi V., Dovalová D., Mifkovič A., Kubíková E.
- 34. Herma Tomáš** Variation of a duplicated superficial branch of radial nerve and a two-bellied brachoradialis muscle: epidemiology and clinical significance
Herma T., Kachlík D.
- 35. Lovásová Květuše** Geometric and morphometric contribution to the maxillary sinus visualization
Lovásová K., Hudák R., Tóth T., Rajtuková V., Živčák J., Kachlík D., Boleková A., Hodorová I.
- 36. Mifkovič Andrej** Macroscopic relations of internal capsule and its connections
Mifkovič A., Zohdi V., El Falougy H., Dovalová D., Bevízová K., Kubíková E.
- 37. Musil Vladimír** Anatomical study of arteria iliaca externa – case study of patient with hip joint pain
Musil V., Šeremeta M., Krbcová-Moudrá V., Riedlová J., Mrzílková J., Zach P., Lami J.
- 38. Naňka Ondřej** Anatomical study of fibular notch
Naňka O., Fojtík P., Bartoníček J.
- 39. Stingl Josef** Vascular supply of the subepicardial nerves and Purkinje fibers of the porcine heart
Stingl J., Musil V., Šach J., Vránová J., Suchomel Z., Kudrna V., Riedlová J., Kachlík D., Zach P.
- 40. Teleky Jana** X-ray computed tomography as a tool for determining enamel thickness
Teleky J., Maloveská M., Krešáková L., Tóth T.

TEACHING ANATOMY

- 41. Výbohová Desanka** What is more effective for academic performance in anatomy – intensive anatomy course or regular weekly practicals?
Výbohová D., Boleková A., Hešková G., Mellová Y.

DEVELOPMENTAL BIOLOGY, MOLECULAR AND CELL BIOLOGY

- 42. Kovaříková Veronika** The effect of aspartame and sodium nitrite on mouse preimplantation embryos in vitro
Kovaříková V., Šefčíková Z., Špírková A., Kšiňanová M., Koppel J., Čikoš Š.

- 43. Mihalík Jozef** GPx8 in preimplantation embryos and female genital organs of rat
Mihalík J., Krehelová A., Kovaříková V., Domoráková I., Solár P., Pavlíuk-Karachevtseva A., Rybářová S., Hodorová I.
- 44. Mochňák Filip** Determination of neural stem cell potential in vitro conditions under normal and pathologic conditions at various stages of postnatal ontogenesis of rat spinal cord
Mochňák F., Ševc J., Slovinská L., Alexovič Matiašová A., Daxnerová Z.
- 45. Steklíková Klára** Potential of R2 rudiment to form a tooth in isolation reflects the ancestral pattern of odontology
Steklíková K., Tucker A.S., Hovořáková M.
- 46. Zrubáková Jarmila** Relationship between the central canal lining cells and blood vessel system in the developing spinal cord of postnatal rat
Zrubáková J., Alexovič Matiašová A., Ševc J., Daxnerová Z.

ANTHROPOLOGY

- 47. Lakatosová Klaudia** Morphological variation and distribution of non-metric traits in human auricle
Lakatosová K.

VARIA

- 48. Endlicher René** Mitochondrial calcium retention capacity and mitochondrial membrane permeability transition pore
Endlicher R., Drahotka Z., Červinková Z.
- 49. Hurník Pavel** Perineural invasion of squamous cell carcinoma of the head and neck – the beginning of the path
Hurník P., Židlík V., Žiak D., Sporková M., Štembírek J., Čermáková Z., Putnová B., Buchtová M.
- 50. Riedlová Jitka** Micro-CT visualization of metaphyseal growth plate as a tool to evaluate the mode of growth in iguanid lizards
Riedlová J., Mrzilková J., Frýdlová P., Dudák J., Žemlička J., Šeremeta M., Křemen J., Zach P.
- 51. Ventosa Joaquim** Gastrointestinal microbiota as a biomarker of Parkinson's disease
Ventosa J.R., Škorvánek M.
- 52. Weismann Peter** Detection of cell apoptosis and necrosis using image analysis
Weismann P., El Falougy H., Bohumel T., Ždímalová M., Plachá-Gregorovská K., Kubíková E.