

MAT poszterek 2015

P1. Case presentation: Six-year-old child with schizencephaly

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P2. Diagnostic value of histological findings in cases of advanced putrefaction and autolysis

Roland Weiczner, Beáta Havasi, Réka Anita Tóth, Éva Kereszty

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P3. Demonstrating the anatomy of the canine heart using MRI based 3D reconstruction technology

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P4. A comparative study of the anatomical and clinical aspects of the female pelvic floor

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P5. The human thoracolumbar fascia: anatomy, histology and immunohistochemistry

Csaba Szigeti, András Mihály

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P6. Inner ear malformations – anatomical pitfalls in cochlear implant surgery

Gréta Csorba, Ferenc Tóth, Ádám Perényi, József Géza Kiss, László Rovó

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P7. Connectivity-based segmentation of the brainstem by probabilistic tractography

Adrienn Máté, Dávid Kis, Andrea Czigner, Tamás Fischer, Pál Barzó

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P8. Ultrasound is a valuable method in cartilage thickness measuring

János Gyebnár, Gábor Baksa, Péter Mandl, Kinga Karlinger, Péter Bálint

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P9. The anatomy specimen collection of Albert Gellért

András Mihály, Erika Bálint, Roland Weiczner, Zoltán Süle, Andrea Czigner

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P10. Histological structure of the parodontium in Man and Rattus

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P11. Neurochemical phenotypes of rat pancreatic spinal and vagal chemosensitive afferent neurons which express the insulin receptor

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P12. Differential expression patterns of K⁺/Cl⁻ co-transporter (KCC2) in neurons within the superficial spinal dorsal horn of rats

Fariba Javdani¹, Krisztina Holló¹, Krisztina Hegedűs¹, Gréta Kis¹, Zoltán Hegyi¹, Klaudia Dócs¹, Yu Kasugai², Yugo Fukazawa³, Ryuichi Shigemoto⁴, Miklós Antal^{1,5}

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P13. Development of GABA-erg neurons in the mouse superficial spinal dorsal horn

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P14. Expression and cellular localization of P2X4 and P2X7 purinergic receptors in the superficial spinal dorsal horn of rats suffering from chronic inflammatory pain

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P15. Transplantation of human induced pluripotent stem cells into the injured rat spinal cord improves locomotor function

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P16. Localization of CD26/DPP4 enzyme in the rat spinal cord and effects of its inhibitors in inflammatory and neuropathic pain models

Zita Puskár, Mark Kozsurek, Kornél Király, Erika Lukácsi, Benjamin Barta, Csaba Fekete, Gábor Gerber, Gábor Baksa, Péter Mandl, Kinga Karlinger, Péter Bálint

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P17. Morphological and functional integration of grafted embryonic motoneurons into host rat spinal cord circuitry after ventral root avulsion and reimplantation

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P18. Determination of the essential number of motoneurons required to produce functionally useful hindlimb locomotion

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P19. Immunohistochemistry of cerebellar seizures: mossy fiber afferents play important role in seizure spread and initiation in the rat

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P20. Different activation of the neocortex, hippocampus and mammillary body during acute seizures in young rats.

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P21. Differences in the Seizure Driven Neuronal Activity in Zebrin II Positive and Negative Cerebellar Cortical Zones.

Beáta Krisztin-Péva, András Mihály

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P22. Asphyxia and bicuculline-induced seizures reduce connexin-43 (Cx43) expression in the hippocampus and cerebral cortex of neonatal piglets

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P23. Loss of mossy cells in the murine pilocarpine model of epilepsy: cause or effect?

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P24. Modification of versican expression following unilateral labyrinthectomy is related to functional differences of the individual nuclei in the rat vestibular complex

Botond Gaál, Einar Örn Jóhannesson, Ágnes Magyar, Klára Matesz

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P25. Neuronal background of the prey-catching behavior of the frog: sensory-motor integration in the brainstem

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P26. Unilateral labyrinthectomy modifies the tenascin-R expression in the perineuronal nets of the vestibular nuclei in the rat

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P27. Secretagoin labels the noradrenergic axis in the rat brain stem

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P28. Urocortinergic neurons in the central projecting Edinger-Westphal nucleus contribute to maladaptation in the three hit model of depression in mice

J. Farkas, A. Nafz, L. Kovács, D. Reglődi, H. Hashimoto, B. Gaszner

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P29. Intralingual reflex arc in the rat tongue – a light- and electronmicroscopical study

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P30. PACAP protects human retinal pigment epithelial cells against oxidative stress

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P31. PACAP transgenic mice in the three hit model of depression: The involvement of BNST – CRF, cpEW – Urocortin-1

L. Kovács, J. Farkas, T. Gaszner, L. Gáspár, G. Bodnár, K. Lőrincz, H. Hashimoto, V. Kormos, B. Gaszner

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P32. Effect of PACAP on ischaemia-reperfusion-induced kidney injury of male and female rats

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P 33. Effects of PACAP on human trophoblast cells

Gabriella Horvath¹, Reka Brubel¹, Melinda Halasz², Aliz Barakonyi², Balazs Opper¹, Eszter Fabian¹, Andrea Tamas¹, Gabor Toth³, Marie Cohen⁴, Laszlo Szereday L², Dora Reglodi¹

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P34. Presence and role of primary cilia on chondrocyte high density cell cultures (HDCs)

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P35. Effects of D-aspartate and its interaction with L-glutamate on single neurons in striatal slice preparation from chick embryo

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P36. Endoderm derived sonic hedgehog regulate the extracellular matrix patterning during enteric nervous system development

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P37 The role of septins in store operated Ca²⁺ entry (SOCE) during chondrogenesis of human mesenchymal stem cells (hMSC)

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P38. Transient Receptor Potential Vanilloid ion channels expressed on human chondroprogenitor cells.

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P39. Modelling Alzheimer's Disease with three-dimensional engineered neural tissue

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P40. Long time epigenetical consequences of intrauterine undernourishment

Máté Durst, Katalin Könczöl, Rita Matuska, Zsuzsanna E. Tóth,
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P41. N-methyl-D-aspartate type glutamate receptors influence viability of melanoma cells

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P42. Multicystic encephalopathy

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P43. Advances of Squamata astroglia to other reptiles: numerous astrocytes and GFAP- free areas

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P44. Early phenomena following cryogenic lesions of rat brain

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P45. Subthreshold dendritic impulse propagation in neocortical layer II/III principal cells of an animal model for Alzheimer's disease

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P46. Extracellular matrix expression in the olfactory bulb of the rat

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P47. Expression of a novel calcium-binding protein, secretagoin, in the mammalian visual system

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P48. Nesfatin-1/NUCB2 mRNA level changes after osmotic challenges

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P49. Nesfatin in the arcuate nucleus participates in adaptation to food deprivation

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P50. Induction of amylin in the preoptic area of lactating dams depends on TIP39-containing posterior thalamic neurons

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P51. Neurons producing melanin-concentrating hormone: regulation of food intake and sleep / awake cycle - a study of the mouse hypothalamus

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P52. Does enriched environment have a neuroprotective effect on Parkinson's disease?

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P53. Altered expression of insulin-like growth factor binding protein 3 in the maternal brain

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