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Journal Articles

- N-Methyl d-Aspartate Receptor Expression Patterns in the Human Fetal Cerebral Cortex.

Bagasrawala, Inseyah; Memi, Fani; V Radonjic, Nevena; Zecevic, Nada Cerebral cortex (New York, N.Y. : 1991) 2016 Sep;

- Oxygen Levels Regulate the Development of Human Cortical Radial Glia Cells.

Ortega, J Alberto; Sirois, Carissa L; Memi, Fani; Glidden, Nicole; Zecevic, Nada Cerebral cortex (New York, N.Y. : 1991) 2016 Sep;

- Diversity of cortical interneurons in primates: the role of the dorsal proliferative niche.

Radonjic, Nevena V; Ayoub, Albert E; Memi, Fani; Yu, Xiaojing; Maroof, Asif; Jakovcevski, Igor; Anderson, Stewart A; Rakic, Pasko; Zecevic, Nada Cell reports 2014 Dec;9(6):2139-51

- Connexin hemichannels contribute to spontaneous electrical activity in the human fetal cortex.

Moore, Anna R; Zhou, Wen-Liang; Sirois, Carissa L; Belinsky, Glenn S; Zecevic, Nada; Antic, Srdjan D Proceedings of the National Academy of Sciences of the United States of America 2014 Sep;111(37):E3919-28

- The Role of Sonic Hedgehog in the Specification of Human Cortical Progenitors In Vitro.

Radonjic, Nevena V; Memi, Fani; Ortega, Juan Alberto; Glidden, Nicole; Zhan, Haiying; Zecevic, Nada Cerebral cortex (New York, N.Y. : 1991) 2014 Aug;

- The complexity of the calretinin-expressing progenitors in the human cerebral cortex.

Radonjic, Nevena V; Ortega, Juan A; Memi, Fani; Dionne, Krista; Jakovcevski, Igor; Zecevic, Nada Frontiers in neuroanatomy 2014 Jan;882

- Neurogenic potential of hESC-derived human radial glia is amplified by human fetal cells.

Reinchisi, Gisela; Limaye, Pallavi V; Singh, Mandakini B; Antic, Srdjan D; Zecevic, Nada Stem cell research 2013 Jul;11(1):587-600

- Neurogenesis continues in the third trimester of pregnancy and is suppressed by premature birth.

Malik, Sabrina; Vinukonda, Govindaiah; Vose, Linnea R; Diamond, Daniel; Bhimavarapu, Bala B R; Hu, Furong; Zia, Muhammad T; Hevner, Robert; Zecevic, Nada; Ballabh, Praveen The Journal of neuroscience : the official journal of the Society for Neuroscience 2013 Jan;33(2):411-23

- Sonic hedgehog promotes generation and maintenance of human forebrain Olig2 progenitors.

Ortega, J Alberto; Radonjic, Nevena V; Zecevic, Nada Frontiers in cellular neuroscience 2013 Jan;7254

- COUP-TFII expressing interneurons in human fetal forebrain.

Reinchisi, Gisela; Ijichi, Kumiko; Glidden, Nicole; Jakovcevski, Igor; Zecevic, Nada Cerebral cortex (New York, N.Y. : 1991) 2012 Dec;22(12):2820-30

- Enforced Pax6 expression rescues alcohol-induced defects of neuronal differentiation in cultures of human cortical progenitor cells.

Mo, Zhicheng; Milivojevic, Verica; Zecevic, Nada Alcoholism, clinical and experimental research 2012 Aug;36(8):1374-84

- Malignant fibrous histiocytoma of the ovary: a case report.

Stefanovic, A; Stojnic, J; Jeremic, K; Jeftovic, M; Arsenijevic, L; Zecevic, N; Atanackovic, J European journal of gynaecological oncology 2012 Jan;33(2):236-9

- Multiple origins of human neocortical interneurons are supported by distinct expression of transcription factors.

Jakovcevski, Igor; Mayer, Nicole; Zecevic, Nada Cerebral cortex (New York, N.Y. : 1991) 2011 Aug;21(8):1771-82

- Dorsal radial glial cells have the potential to generate cortical interneurons in human but not in mouse brain.

Yu, Xiaojing; Zecevic, Nada The Journal of neuroscience : the official journal of the Society for Neuroscience 2011 Feb;31(7):2413-20

- Spontaneous electrical activity in the human fetal cortex in vitro.

Moore, Anna R; Zhou, Wen-Liang; Jakovcevski, Igor; Zecevic, Nada; Antic, Srdjan D The Journal of neuroscience : the official journal of the Society for Neuroscience 2011 Feb;31(7):2391-8

- Interneurons in the developing human neocortex.

Zecevic, Nada; Hu, Frances; Jakovcevski, Igor Developmental neurobiology 2011 Jan;71(1):18-33

- Electrical excitability of early neurons in the human cerebral cortex during the second trimester of gestation.

Moore, Anna R; Filipovic, Radmila; Mo, Zhicheng; Rasband, Matthew N; Zecevic, Nada; Antic, Srdjan D Cerebral cortex (New York, N.Y. : 1991) 2009 Aug;19(8):1795-805

- Close homologue of adhesion molecule L1 promotes survival of Purkinje and granule cells and granule cell migration during murine cerebellar development.

Jakovcevski, Igor; Siering, Janina; Hargus, Gunnar; Karl, Nicole; Hoelters, Laura; Djogo, Nevena; Yin, Shengming; Zecevic, Nada; Schachner, Melitta; Irintchev, Andrey The Journal of comparative neurology 2009 Apr;513(5):496-510

- Human fetal radial glia cells generate oligodendrocytes in vitro.

Mo, Zhicheng; Zecevic, Nada Glia 2009 Apr;57(5):490-8

- AP2gamma regulates basal progenitor fate in a region- and layer-specific manner in the developing cortex

Pinto L., Drechsel D., Schmid M.-T., Ninkovic J., Irmler M., Brill M.S., Restani L., Gianfranceschi L., Cerri C., Weber S.N., Tarabykin V., Baer K., Guillemot F., Beckers J., Zecevic N., Dehay C., Caleo M., Schorle H., Gotz M. Nature Neuroscience 2009 Jan;12(10):1229-1237

- Oligodendrocyte development and the onset of myelination in the human fetal brain.

Jakovcevski, Igor; Filipovic, Radmila; Mo, Zhicheng; Rakic, Sonja; Zecevic, Nada Frontiers in neuroanatomy 2009 Jan;35

- Is Pax6 critical for neurogenesis in the human fetal brain?

Mo, Zhicheng; Zecevic, Nada Cerebral cortex (New York, N.Y. : 1991) 2008 Jun;18(6):1455-65

- Neuroprotective role of minocycline in co-cultures of human fetal neurons and microglia.

Filipovic, Radmila; Zecevic, Nada Experimental neurology 2008 May;211(1):41-51

- The effect of CXCL1 on human fetal oligodendrocyte progenitor cells.

Filipovic, Radmila; Zecevic, Nada Glia 2008 Jan;56(1):1-15

- Down-regulation of the axonal polysialic acid-neural cell adhesion molecule expression coincides with the onset of myelination in the human fetal forebrain.

Jakovcevski, I; Mo, Z; Zecevic, N Neuroscience 2007 Oct;149(2):328-37

- Human cortical neurons originate from radial glia and neuron-restricted progenitors.

Mo, Zhicheng; Moore, Anna R; Filipovic, Radmila; Ogawa, Yasuhiro; Kazuhiro, Ikenaka; Antic, Srdjan D; Zecevic, Nada The Journal of neuroscience : the official journal of the Society for Neuroscience 2007 Apr;27(15):4132-45

- Cortical progenitor cells in the developing human telencephalon.

Howard, Brian; Chen, Yanhui; Zecevic, Nada Glia 2006 Jan;53(1):57-66

- Placental site trophoblastic tumor: a case report.

Jeremic, K; Gojnic, M; Milenkovic, V; Boskovic, V; Berisavac, M; Zecevic, N European journal of gynaecological oncology 2006 Jan;27(1):98-100

- Olig transcription factors are expressed in oligodendrocyte and neuronal cells in human fetal CNS.

Jakovcevski, Igor; Zecevic, Nada The Journal of neuroscience : the official journal of the Society for Neuroscience 2005 Nov;25(44):10064-73

- Contributions of cortical subventricular zone to the development of the human cerebral cortex.

Zecevic, Nada; Chen, Yanhui; Filipovic, Radmila The Journal of comparative neurology 2005 Oct;491(2):109-22

- Lipopolysaccharide affects Golli expression and promotes proliferation of oligodendrocyte progenitors.

  Filipovic, Radmila; Zecevic, Nada Glia 2005 Mar;49(4):457-66

- Sequence of oligodendrocyte development in the human fetal telencephalon.

  Jakovcevski, Igor; Zecevic, Nada Glia 2005 Mar;49(4):480-91

- Specific characteristic of radial glia in the human fetal telencephalon.

  Zecevic, Nada Glia 2004 Oct;48(1):27-35

- Wnt genes define distinct boundaries in the developing human brain: implications for human forebrain patterning.

  Abu-Khalil, A; Fu, L; Grove, E A; Zecevic, N; Geschwind, Daniel H The Journal of comparative neurology 2004 Jun;474(2):276-88

- Emerging complexity of layer I in human cerebral cortex.

  Rakic, Sonja; Zecevic, Nada Cerebral cortex (New York, N.Y. : 1991) 2003 Oct;13(10):1072-83

- GRO-alpha and CXCR2 in the human fetal brain and multiple sclerosis lesions.

  Filipovic, R; Jakovcevski, I; Zecevic, N Developmental neuroscience 2003 Mar;25(2-4):279-90

- Early oligodendrocyte progenitor cells in the human fetal telencephalon.

  Rakic, Sonja; Zecevic, Nada Glia 2003 Jan;41(2):117-27

- Expression of Golli proteins in adult human brain and multiple sclerosis lesions.

  Filipovic, R; Rakic, S; Zecevic, N Journal of neuroimmunology 2002 Jun;127(1-2):1-12

- Identification of Golli and myelin basic proteins in human brain during early development.

Tosic, M; Rakic, S; Matthieu, J -M; Zecevic, N Glia 2002 Mar;37(3):219-28

- Distinct NMDA and AMPA receptor-mediated responses in mouse and human Cajal-Retzius cells.

Lu, S M; Zecevic, N; Yeh, H H Journal of neurophysiology 2001 Nov;86(5):2642-6

- Development of layer I neurons in the primate cerebral cortex.

Zecevic, N; Rakic, P The Journal of neuroscience : the official journal of the Society for Neuroscience 2001 Aug;21(15):5607-19

- Expression of calbindin D28K in the dopaminergic mesotelencephalic system in embryonic and fetal human brain.

Verney, C; Zecevic, N; Ezan, P The Journal of comparative neurology 2001 Jan;429(1):45-58

- Structure of longitudinal brain zones that provide the origin for the substantia nigra and ventral tegmental area in human embryos, as revealed by cytoarchitecture and tyrosine hydroxylase, calretinin, calbindin, and GABA immunoreactions.

Verney, C; Zecevic, N; Puelles, L The Journal of comparative neurology 2001 Jan;429(1):22-44

- Programmed cell death in the developing human telencephalon.

Rakic, S; Zecevic, N The European journal of neuroscience 2000 Aug;12(8):2721-34

- Early development and composition of the human primordial plexiform layer: An immunohistochemical study.

Zecevic, N; Milosevic, A; Rakic, S; Marín-Padilla, M The Journal of comparative neurology 1999 Sep;412(2):241-54

- Calcium signaling molecules in human cerebellum at midgestation and in ataxia.

Zecevic, N; Milosevic, A; Ehrlich, B E Early human development 1999 Mar;54(2):103-16

- Macrophages/microglial cells in human central nervous system during development: an immunohistochemical study.

  Andjelkovic, A V; Nikolic, B; Pachter, J S; Zecevic, N Brain research 1998 Dec;814(1-2):13-25

- Developmental changes in human cerebellum: expression of intracellular calcium receptors, calcium-binding proteins, and phosphorylated and nonphosphorylated neurofilament protein.

  Milosevic, A; Zecevic, N The Journal of comparative neurology 1998 Jul;396(4):442-60

- Myelin basic protein immunoreactivity in the human embryonic CNS

  Zecevic, N; Andjelkovic, A; Matthieu, J; Tosic, M Brain research. Developmental brain research 1998 Jan;105(1):97-108

- Myelin basic protein immunoreactivity in the human embryonic CNS.

  Zecevic, N; Andjelkovic, A; Matthieu, J M; Tosic, M Brain research. Developmental brain research 1998 Jan;105(1):97-108

- Synaptogenesis in layer I of the human cerebral cortex in the first half of gestation.

  Zecevic, N Cerebral cortex (New York, N.Y. : 1991) 1998 Jan;8(3):245-52

- Initial development of gamma-aminobutyric acid immunoreactivity in the human cerebral cortex.

  Zecevic, N; Milosevic, A The Journal of comparative neurology 1997 Apr;380(4):495-506

- Prenatal development of the central catecholaminergic neurons in human embryos and fetuses.

  Verney, C; Zecevic, N; Puelles, L Pediatric pulmonology. Supplement 1997 Jan;16220-1

- Comigration of tyrosine hydroxylase- and gonadotropin-releasing hormone-immunoreactive neurons in the nasal area of human embryos.

  Verney, C; el Amraoui, A; Zecevic, N Brain research. Developmental brain research 1996 Dec;97(2):251-9

- GAP-43 mRNA expression in early development of human nervous system.

  Kanazir, S; Ruzdijic, S; Vukosavic, S; Ivkovic, S; Milosevic, A; Zecevic, N; Rakic, L Brain research. Molecular brain research 1996 May;38(1):145-55

- Immunocytochemical localization of growth-associated protein GAP-43 in early human development.

  Milosevic, A; Kanazir, S; Zecevic, N Brain research. Developmental brain research 1995 Feb;84(2):282-6

- Development of the catecholamine neurons in human embryos and fetuses, with special emphasis on the innervation of the cerebral cortex.

  Zecevic, N; Verney, C The Journal of comparative neurology 1995 Jan;351(4):509-35

- Cellular composition of the telencephalic wall in human embryos.

  Zecevic, N Early human development 1993 Mar;32(2-3):131-49

- Early appearance of tyrosine hydroxylase immunoreactivity in the retina of human embryos.

  Versaux-Botteri, C; Verney, C; Zecevic, N; Nguyen-Legros, J Brain research. Developmental brain research 1992 Oct;69(2):283-7

- Early development of the human thalamus: Golgi and Nissl study.

  Mojsilovic, J; Zecevic, N Early human development 1991 Nov;27(1-2):119-44

- Early evidence of catecholaminergic cell groups in 5- and 6-week-old human embryos using tyrosine hydroxylase and dopamine-beta-hydroxylase immunocytochemistry.

  Verney, C; Zecevic, N; Nikolic, B; Alvarez, C; Berger, B Neuroscience letters 1991 Sep;131(1):121-4

- Synaptogenesis in monkey somatosensory cortex.

Zecevic, N; Rakic, P Cerebral cortex (New York, N.Y. : 1991) 1991 Jan;1(6):510-23

- Changes in synaptic density in motor cortex of rhesus monkey during fetal and postnatal life.

Zecevic, N; Bourgeois, J P; Rakic, P Brain research. Developmental brain research 1989 Nov;50(1):11-32

- Brain plasticity after corpus callosum transection in the newborn rat.

Zecevic, N; Mojsilovic, J; Novakovic, B; Rakic, L Metabolic brain disease 1989 Mar;4(1):25-31

- Structural basis of the developmental plasticity in the human cerebral cortex: the role of the transient subplate zone.

Kostovic, I; Lukinovic, N; Judas, M; Bogdanovic, N; Mrzljak, L; Zecevic, N; Kubat, M Metabolic brain disease 1989 Mar;4(1):17-23

- Concurrent overproduction of synapses in diverse regions of the primate cerebral cortex.

Rakic, P; Bourgeois, J P; Eckenhoff, M F; Zecevic, N; Goldman-Rakic, P S Science (New York, N.Y.) 1986 Apr;232(4747):232-5

- [Cellular characteristics during the development of the dentate nucleus].

Zecevic, N; Mihajlovic, P; Jovanovic, D; Rakic, L Medicinski pregled 1986 Jan;39(11-12):553-7

- Development of the human dentate nucleus.

Mihajlovic, P; Zecevic, N Human neurobiology 1986 Jan;5(3):189-97

- Characterization of the monoaminergic innervation of immature rat neocortex: a histofluorescence analysis.

Lidov, H G; Molliver, M E; Zecevic, N R The Journal of comparative neurology 1978 Oct;181(3):663-79

- The origin of the monoaminergic innervation of immature rat neocortex: an ultrastructural analysis following lesions.

Zecevic, N R; Molliver, M E Brain research 1978 Jul;150(2):387-97

- Differentiation of Purkinje cells and their relationship to other components of developing cerebellar cortex in man.

Zecevic, N; Rakic, P The Journal of comparative neurology 1976 May;167(1):27-47

- N-Methyl D-Aspartate receptor antagonist kynurenic acid affects human cortical development.

Bagasrawala, I., Zecevic, N., & Radonjic N. (2016). Frontiers in Neuroscience, .

- N-Methyl D-Aspartate receptor antagonist kynurenic acid affects human cortical development.

Bagasrawala, I., Zecevic, N., & Radonjic N. (2016). Frontiers in Neuroscience, .

Conference Papers

- Interaction between microglia and oligodendrocyte cell progenitors involves Golli proteins.

Filipovic, Radmila; Zecevic, Nada Annals of the New York Academy of Sciences 2005 Jun;1048166-74

Reviews

- Schizophrenia: a tale of two critical periods for prefrontal cortical development.

Selemon, L D; Zecevic, N Translational psychiatry 2015 Jan;5e623

- Radial glia cells in the developing human brain.

Howard, Brian M; Filipovic, Radmila; Moore, Anna R; Antic, Srdjan D; Zecevic, Nada The Neuroscientist : a review journal bringing neurobiology, neurology and psychiatry 2008 Oct;14(5):459-73

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