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Differentiation of newly born neurons and glia in the dentate gyrus of the adult rat

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#	Paper	IF	Citations
1057	Adrenal steroid receptor immunoreactivity in cells born in the adult rat dentate gyrus. 1993 , 611, 342-6		113
1056	Blockade of NMDA receptors increases cell death and birth in the developing rat dentate gyrus. 1994 , 340, 551-65		219
1055	Voltage-activated potassium currents in acutely dissociated hippocampal dentate gyrus neurons from neonatal rats. 1994 , 81, 309-13		6
1054	The effects of adrenal steroids and excitatory input on neuronal birth and survival. 1994 , 743, 73-92; discussion 92-3		87
1053	Adult neurogenesis is regulated by adrenal steroids in the dentate gyrus. <i>Neuroscience</i> , 1994 , 61, 203-9	3.9	819
1052	Gonadal hormones as promoters of structural synaptic plasticity: cellular mechanisms. 1994 , 44, 279-30	7	247
1051	Survival and differentiation of adult neuronal progenitor cells transplanted to the adult brain. 1995 , 92, 11879-83		870
1050	Generation and culturing of precursor cells and neuroblasts from embryonic and adult central nervous system. 1995 , 254, 20-37		38
1049	Regulation of adult neurogenesis by excitatory input and NMDA receptor activation in the dentate gyrus. 1995 , 15, 4687-92		650
1048	Evidence for physiological growth of hippocampal mossy fiber collaterals in the guinea pig during puberty and adulthood. 1995 , 5, 329-40		33
1047	Neuronal stem cells in the brain of adult vertebrates. 1995 , 13, 263-72		162
1046	Cellular localization of thrombin receptor mRNA in rat brain: expression by mesencephalic dopaminergic neurons and codistribution with prothrombin mRNA. 1995 , 15, 2906-19		217
1045	The N-methyl-D-aspartate antagonists phencyclidine, ketamine and dizocilpine as both behavioral and anatomical models of the dementias. 1995 , 20, 250-67		252
1044	Expression of 9-O-acetylated gangliosides in the rat hippocampus. 1996 , 213, 17-20		9
1043	Exacerbation of apoptosis in the dentate gyrus of the aged rat by dexamethasone and the protective role of corticosterone. 1996 , 140, 43-52		143
1042	Is there a neural stem cell in the mammalian forebrain?. 1996 , 19, 387-93		47º
1041	Single factors direct the differentiation of stem cells from the fetal and adult central nervous system. 1996 , 10, 3129-40		936

1040	Recruitment and replacement of hippocampal neurons in young and adult chickadees: an addition to the theory of hippocampal learning. 1996 , 93, 714-8		115
1039	Expression of EGFR-, p75NGFR-, and PSTAIR (cdc2)-like immunoreactivity by proliferating cells in the adult rat hippocampal formation and forebrain. 1996 , 18, 199-209		42
1038	Multipotent CNS stem cells are present in the adult mammalian spinal cord and ventricular neuroaxis. 1996 , 16, 7599-609		1038
1037	Distinct populations of cells in the adult dentate gyrus undergo mitosis or apoptosis in response to adrenalectomy. 1996 , 369, 56-63		93
1036	Isolation, Characterization and Utilization of CNS Stem Cells. 1997,		7
1035	Neurogenesis in the dentate gyrus of the adult tree shrew is regulated by psychosocial stress and NMDA receptor activation. 1997 , 17, 2492-8		1170
1034	Epidermal growth factor and fibroblast growth factor-2 have different effects on neural progenitors in the adult rat brain. 1997 , 17, 5820-9		1064
1033	Dentate granule cell neurogenesis is increased by seizures and contributes to aberrant network reorganization in the adult rat hippocampus. 1997 , 17, 3727-38		1597
1032	Apoptosis and proliferation of dentate gyrus neurons after single and intermittent limbic seizures. 1997 , 94, 10432-7		678
1031	Genetic influence on neurogenesis in the dentate gyrus of adult mice. 1997 , 94, 10409-14		517
1030	The Regulation of Neuronal Death during Insect Metamorphosis. 1997 , 47, 77-85		15
1029	Stem cells in the central nervous system. 1997 , 276, 66-71		1275
1028	Application of ex vivo gene therapy in the treatment of Parkinson's disease. 1997 , 144, 82-91		34
1027	Maturational regulation and regional induction of cyclooxygenase-2 in rat brain: implications for Alzheimer's disease. 1997 , 144, 339-49		133
1026	FGF-2 is sufficient to isolate progenitors found in the adult mammalian spinal cord. 1997 , 148, 577-86		206
1025	Rethinking innateness, learning, and constructivism: Connectionist perspectives on development. 1997 , 12, 563-586		7
1024	Lesion-induced proliferation of neuronal progenitors in the dentate gyrus of the adult rat. <i>Neuroscience</i> , 1997 , 80, 427-36	3.9	362
1023	Adrenal steroids and N-methyl-D-aspartate receptor activation regulate neurogenesis in the dentate gyrus of adult rats through a common pathway. <i>Neuroscience</i> , 1998 , 82, 349-54	3.9	285

1022	More hippocampal neurons in adult mice living in an enriched environment. 1997 , 386, 493-5	2863
1021	Decrease in highly polysialylated neuronal cell adhesion molecules and in spatial learning during ageing are not correlated. 1997 , 744, 285-92	42
1020	Chronic postnatal hypoxia increases the numbers of cortical neurons. 1997 , 760, 17-21	24
1019	Continuous neurogenesis in the olfactory brain of adult shore crabs, Carcinus maenas. 1997 , 762, 131-43	73
1018	Neurogenesis in the adult human hippocampus. 1998 , 4, 1313-7	4846
1017	Closer to neurogenesis in adult humans. 1998 , 4, 555-7	31
1016	Kainic acid increases the proliferation of granule cell progenitors in the dentate gyrus of the adult rat. 1998 , 790, 52-9	313
1015	Uniform abnormalities in the hippocampus of five chronic schizophrenic men compared with age-matched controls. 1998 , 98, 60-4	18
1014	Regulation of neurogenesis by growth factors and neurotransmitters. 1998 , 36, 287-306	379
1013	Complex regulation of the expression of the polysialylated form of the neuronal cell adhesion molecule by glucocorticoids in the rat hippocampus. 1998 , 10, 2994-3006	83
1012	Increased dentate granule cell neurogenesis following amygdala kindling in the adult rat. 1998 , 247, 9-12	207
1011	Kindling-induced neurogenesis in the dentate gyrus of the rat. 1998 , 248, 73-6	224
1010	Dentate granule cells form novel basal dendrites in a rat model of temporal lobe epilepsy. Neuroscience, 1998, 86, 109-20 3-9	150
1009	Stem cells and neurogenesis in the adult brain. 1998 , 8, 677-80	121
1008	Stress inhibits the proliferation of granule cell precursors in the developing dentate gyrus. 1998 , 16, 235-9	270
1007	Proliferation of granule cell precursors in the dentate gyrus of adult monkeys is diminished by stress. 1998 , 95, 3168-71	1124
1006	Neurobiological bases of spatial learning in the natural environment. 1998 , 9, R-15-R-27	52
1005	Experience-induced neurogenesis in the senescent dentate gyrus. 1998 , 18, 3206-12	930

1004	Increased neurogenesis in the dentate gyrus after transient global ischemia in gerbils. 1998 , 18, 7768-78	933
1003	Site-specific migration and neuronal differentiation of human neural progenitor cells after transplantation in the adult rat brain. 1999 , 19, 5990-6005	494
1002	Estrogen stimulates a transient increase in the number of new neurons in the dentate gyrus of the adult female rat. 1999 , 19, 5792-801	792
1001	Inhibition of dentate granule cell neurogenesis with brain irradiation does not prevent seizure-induced mossy fiber synaptic reorganization in the rat. 1999 , 19, 4508-19	250
1000	Human neuronal gamma-aminobutyric acid(A) receptors: coordinated subunit mRNA expression and functional correlates in individual dentate granule cells. 1999 , 19, 8312-8	84
999	Hippocampal neurogenesis in adult Old World primates. 1999 , 96, 5263-7	644
998	Behavioural trait of reactivity to novelty is related to hippocampal neurogenesis. 1999 , 11, 4006-14	108
997	Is learning blocked by saturation of synaptic weights in the hippocampus?. 1999 , 23, 661-72	40
996	Restoring production of hippocampal neurons in old age. 1999 , 2, 894-7	616
995	Learning enhances adult neurogenesis in the hippocampal formation. 1999 , 2, 260-5	1742
994	Environmental enrichment inhibits spontaneous apoptosis, prevents seizures and is neuroprotective. 1999 , 5, 448-53	622
993	Stress and hippocampal plasticity. 1999 , 22, 105-22	1565
992	Effects of prenatal gamma-irradiation on postnatal astrogliogenesis in the hippocampal formation of rat. 1999 , 816, 628-32	9
991	Serotonin and hippocampal neurogenesis. 1999 , 21, 46S-51S	243
990	Enriched environment increases neurogenesis in the adult rat dentate gyrus and improves spatial memory. 1999 , 39, 569-78	599
989	Experience-dependent regulation of adult hippocampal neurogenesis: effects of long-term stimulation and stimulus withdrawal. 1999 , 9, 321-32	181
988	Differential effects of Bcl-2 overexpression on hippocampal CA1 neurons and dentate granule cells following hypoxic ischemia in adult mice. 1999 , 57, 1-12	34
987	Neurogenesis in the adult rat dentate gyrus is enhanced by vitamin E deficiency. 1999 , 411, 495-502	34

986	Rapid extension of axons into the CA3 region by adult-generated granule cells. 1999 , 413, 146-54	448
985	Spatiotemporal pattern of the postnatal astrogliogenesis in the rat hippocampal formation. 1999 , 17, 215-24	5
984	Sex and seasonal differences in the rate of cell proliferation in the dentate gyrus of adult wild meadow voles. <i>Neuroscience</i> , 1999 , 89, 955-64	225
983	Predominant expression of nuclear activator protein-1 complex with DNA binding activity following systemic administration of N-methyl-D-aspartate in dentate granule cells of murine hippocampus. Neuroscience, 1999, 93, 19-31	44
982	The subependymal layer in rodents: a site of structural plasticity and cell migration in the adult mammalian brain. 1999 , 49, 221-43	184
981	The glial scar and central nervous system repair. 1999 , 49, 377-91	1452
980	Sustained potentiation of AP1 DNA binding is not always associated with neuronal death following systemic administration of kainic acid in murine hippocampus. 1999 , 35, 453-62	27
979	Ionizing radiation-induced apoptosis of proliferating stem cells in the dentate gyrus of the adult rat hippocampus. 1999 , 71, 61-8	172
978	Stress and hippocampal neurogenesis. 1999 , 46, 1472-9	645
977	Neurogenesis in the neocortex of adult primates. 1999 , 286, 548-52	1033
976	Mitogen and substrate differentially affect the lineage restriction of adult rat subventricular zone neural precursor cell populations. 1999 , 252, 75-95	128
975	Genetic approaches to neurotrauma research: opportunities and potential pitfalls of murine models. 1999 , 157, 19-42	130
974	Neurestin: putative transmembrane molecule implicated in neuronal development. 1999 , 212, 165-81	38
973	Chronic antidepressant treatment increases neurogenesis in adult rat hippocampus. 2000 , 20, 9104-10	2532
972	Termination of psychotherapy: a training perspective. 2000 , 6, 334-40	5
971	Visualization of neurogenesis in the central nervous system using nestin promoter-GFP transgenic mice. 2000 , 11, 1991-6	322
970	Heterogenous properties of dentate granule neurons in the adult rat. 2000 , 42, 248-257	299
969	Cell damage and neurogenesis in the dentate granule cell layer of adult rats after pilocarpine- or kainate-induced status epilepticus. 2000 , 10, 169-80	125

(2000-2000)

968	Mitotically active cells that generate neurons and astrocytes are present in multiple regions of the adult mouse hippocampus. 2000 , 424, 397-408		147
967	Bilateral growth-related protein expression suggests a transient increase in regenerative potential following brain trauma. 2000 , 424, 521-531		49
966	Widespread expression of rat collapsin response-mediated protein 4 in the telencephalon and other areas of the adult rat central nervous system. 2000 , 424, 628-39		58
965	Neurogenesis in the adult brain: death of a dogma. 2000 , 1, 67-73		593
964	Enhancement of progenitor cell division in the dentate gyrus triggered by initial limbic seizures in rat models of epilepsy. 2000 , 41, 10-8		157
963	The neurobiology of stress: from serendipity to clinical relevance. 2000 , 886, 172-189		1327
962	Increased granule cell neurogenesis in the adult dentate gyrus following mossy fiber stimulation sufficient to induce long-term potentiation. 2000 , 857, 300-7		69
961	Comparative Views of Adult Neurogenesis. 2000 , 6, 315-325		15
960	Differential response of ventral midbrain and striatal progenitor cells to lesions of the nigrostriatal dopaminergic projection. 2000 , 22, 56-67		86
959	Stem Cells and Neuronal Progenitors and Their Diversity in the CNS: Are Time and Place Important?. 2000 , 6, 338-352		2
958	Advances in Research on Neurodegeneration. 2000,		O
957	Target cells of apoptosis in the adult murine dentate gyrus and O4 immunoreactivity after ionizing radiation. 2000 , 279, 57-60		18
956	X-irradiation causes a prolonged reduction in cell proliferation in the dentate gyrus of adult rats. <i>Neuroscience</i> , 2000 , 99, 33-41	3.9	245
955	Differential expression and phosphorylation of particular fos family members by kainate in nuclear and cytosolic fractions of murine hippocampus. <i>Neuroscience</i> , 2000 , 100, 453-63	3.9	17
954	Cell death in regenerating populations of neurons in BDNF mutant mice. 2000 , 75, 61-9		98
953	The effect of streptozotocin-induced diabetes on cell proliferation in the rat dentate gyrus. 2000 , 293, 91-4		93
952	Targeted neuronal death affects neuronal replacement and vocal behavior in adult songbirds. 2000 , 25, 481-92		250
951	Molecular mechanisms associated with long-term consolidation of the NMDA signals. 2000 , 67, 335-64		141

950	Opiates inhibit neurogenesis in the adult rat hippocampus. 2000 , 97, 7579-84		487
949	Activity-dependent regulation of neuronal plasticity and self repair. 2000 , 127, 35-48		152
948	Imaging serotonergic neurotransmission in depression: hippocampal pathophysiology may mirror global brain alterations. 2000 , 48, 801-12		48
947	Regulation of hippocampal neurogenesis in adulthood. 2000 , 48, 715-20		323
946	Transplantation of clonal neural precursor cells derived from adult human brain establishes functional peripheral myelin in the rat spinal cord. 2001 , 167, 27-39		199
945	Reproductive status influences cell proliferation and cell survival in the dentate gyrus of adult female meadow voles: a possible regulatory role for estradiol. <i>Neuroscience</i> , 2001 , 102, 369-79	3.9	125
944	Alzheimer's disease as a disorder of mechanisms underlying structural brain self-organization. <i>Neuroscience</i> , 2001 , 102, 723-65	3.9	148
943	Differential regulation of basic helix-loop-helix mRNAs in the dentate gyrus following status epilepticus. <i>Neuroscience</i> , 2001 , 106, 79-88	3.9	54
942	Neurogenesis in the olfactory bulb of adult zebrafish. <i>Neuroscience</i> , 2001 , 105, 793-801	3.9	90
941	Intracerebroventricular infusion of insulin-like growth factor-I ameliorates the age-related decline in hippocampal neurogenesis. <i>Neuroscience</i> , 2001 , 107, 603-13	3.9	357
940	Consolidation of transient ionotropic glutamate signals through nuclear transcription factors in the brain. 2001 , 63, 697-719		51
939	Alpha-tocopherol controls cell proliferation in the adult rat dentate gyrus. 2001 , 303, 198-200		13
938	Inhibition of neuronal nitric oxide synthase enhances cell proliferation in the dentate gyrus of the adrenalectomized rat. 2001 , 309, 9-12		31
937	Stress, memory, and the hippocampus: can't live with it, can't live without it. 2001 , 127, 137-58		399
936	p53 is dispensable for apoptosis but controls neurogenesis of mouse dentate gyrus cells following gamma-irradiation. 2001 , 93, 81-9		28
935	Deficient neurogenesis in forebrain-specific presenilin-1 knockout mice is associated with reduced clearance of hippocampal memory traces. 2001 , 32, 911-26		408
934	Complex trait analysis of the hippocampus: mapping and biometric analysis of two novel gene loci with specific effects on hippocampal structure in mice. 2001 , 21, 3503-14		85
933	Subunit heterogeneity of cytoplasmic dynein: Differential expression of 14 kDa dynein light chains in rat hippocampus. 2001 , 21, 5501-12		36

932	Adult Bone Marrow Transplantation after Stroke in Adult Rats. 2001 , 10, 31-40	97
931	Memory retention is modulated by acute estradiol and progesterone replacement 2001 , 115, 384-393	263
930	Comparative studies of postnatal neurogenesis and learning: a critical review. 2001, 12, 103-125	10
929	Circulating insulin-like growth factor I mediates exercise-induced increases in the number of new neurons in the adult hippocampus. 2001 , 21, 1628-34	792
928	Astrocytes give rise to new neurons in the adult mammalian hippocampus. 2001 , 21, 7153-60	1187
927	Enhanced neurogenesis after transient global ischemia in the dentate gyrus of the rat. 2001 , 136, 313-20	206
926	Adult neurogenesis: a compensatory mechanism for neuronal damage. 2001 , 251, 152-8	79
925	NMDA receptor antagonist treatment induces a long-lasting increase in the number of proliferating cells, PSA-NCAM-immunoreactive granule neurons and radial glia in the adult rat dentate gyrus. 2001 , 13, 512-20	162
924	Developmental pattern of expression of the alpha chemokine stromal cell-derived factor 1 in the rat central nervous system. 2001 , 13, 845-56	114
923	N-methyl-D-aspartate receptor-mediated increase of neurogenesis in adult rat dentate gyrus following stroke. 2001 , 14, 10-8	252
922	Doublecortin expression in the adult rat telencephalon. 2001 , 14, 629-44	361
921	Caspase inhibitors increase short-term survival of progenitor-cell progeny in the adult rat dentate gyrus following status epilepticus. 2001 , 14, 937-45	92
920	Serotonin mediates oestrogen stimulation of cell proliferation in the adult dentate gyrus. 2001 , 14, 1417-24	178
919	Enhanced neurogenesis in the rodent hippocampus following traumatic brain injury. 2001 , 63, 313-9	340
918	Adult neurogenesis produces a large pool of new granule cells in the dentate gyrus. 2001, 435, 406-17	1297
917	Exposure to fox odor inhibits cell proliferation in the hippocampus of adult rats via an adrenal hormone-dependent mechanism. 2001 , 437, 496-504	299
916	Stress and hippocampal plasticity: implications for the pathophysiology of affective disorders. 2001 , 16, S7-S19	246
915	A nitric oxide donor induces neurogenesis and reduces functional deficits after stroke in rats. 2001 , 50, 602-11	230

914	Adrenalectomy regulates apoptotic-associated genes in rat hippocampus. 2001 , 15, 323-33	24
913	Gender and strain influence on neurogenesis in dentate gyrus of young rats. 2001 , 21, 211-7	70
912	A unified hypothesis on the lineage of neural stem cells. 2001 , 2, 287-93	826
911	Gliogenesis in the striatum of the adult rat: alteration in neural progenitor population after psychostimulant exposure. 2001 , 130, 41-51	25
910	Profound astrogenesis in the striatum of adult mice following nigrostriatal dopaminergic lesion by repeated MPTP administration. 2001 , 131, 57-65	72
909	Ultrastructural features and synaptic connections of hilar ectopic granule cells in the rat dentate gyrus are different from those of granule cells in the granule cell layer. 2001 , 890, 261-71	85
908	Stem cells in neurodevelopment and plasticity. 2001 , 25, 805-15	39
907	Stress, sex, hippocampal plasticity: relevance to psychiatric disorders. 2001 , 1, 19-34	27
906	Neurogenesis in the adult mammalian brain. 2001 , 1, 175-182	27
905	Challenges for brain repair: insights from adult neurogenesis in birds and mammals. 2001 , 58, 306-22	113
904	Adult-generated hippocampal and neocortical neurons in macaques have a transient existence. 2001 , 98, 10910-7	356
903	Adult neurogenesis: implications for psychiatry. 2002 , 138, 315-42	82
902	Neural stem cells: plasticity and their transdifferentiation potential. 2002, 171, 64-76	41
901	Defensive behavior and hippocampal cell proliferation: Differential modulation by naltrexone during stress 2002 , 116, 160-168	72
900	Reduced hippocampal neurogenesis in adult transgenic mice with chronic astrocytic production of interleukin-6. 2002 , 22, 486-92	470
899	Regulation of neurogenesis in adult mouse hippocampus by cAMP and the cAMP response element-binding protein. 2002 , 22, 3673-82	408
898	Embryonic stem cells provide a powerful and versatile model system. 2002 , 64, 1-42	17
897	Suppression of insult-induced neurogenesis in adult rat brain by brain-derived neurotrophic factor. 2002 , 177, 1-8	64

896	Impaired adult neurogenesis in mice lacking the transcription factor E2F1. 2002, 21, 312-23	83
895	Neonatal viral infection decreases neuronal progenitors and impairs adult neurogenesis in the hippocampus. 2002 , 11, 246-56	33
894	Activator protein-1 complex expressed by magnetism in cultured rat hippocampal neurons. 2002 , 292, 200-7	29
893	Chronic psychosocial stress and concomitant repetitive transcranial magnetic stimulation: effects on stress hormone levels and adult hippocampal neurogenesis. 2002 , 52, 1057-65	262
892	Beyond the monoamine hypothesis: mechanisms, molecules and methods. 2002 , 17 Suppl 3, 294-9	79
891	Traumatic brain injury induced cell proliferation in the adult mammalian central nervous system. 2002 , 19, 693-703	247
890	Seizure-induced neurogenesis: are more new neurons good for an adult brain?. 2002, 135, 121-31	147
889	Life-long stability of neurons: a century of research on neurogenesis, neuronal death and neuron quantification in adult CNS. 2002 , 136, 39-65	28
888	Drugs of Abuse. 2002 ,	
887	Treadmill exercise increases cell proliferation without altering of apoptosis in dentate gyrus of Sprague-Dawley rats. 2002 , 71, 1331-40	59
886	Specific neuronal protein: a new tool for histological evaluation of excitotoxic lesions. 2002 , 76, 449-56	61
885	Brain NGF and EGF administration improves passive avoidance response and stimulates brain precursor cells in aged male mice. 2002 , 77, 437-43	42
884	Studies of hormone action in the hippocampal formation: possible relevance to depression and diabetes. 2002 , 53, 883-90	105
883	Neural precursor proliferation and newborn cell survival in the adult rat dentate gyrus are affected by vitamin E deficiency. 2002 , 44, 369-77	20
882	Administration of transforming growth factor-alpha enhances anatomical and behavioral recovery following olfactory nerve transection. <i>Neuroscience</i> , 2002 , 113, 569-80	15
881	The alpha(1A) subunits of rat brain calcium channels are developmentally regulated by alternative RNA splicing. <i>Neuroscience</i> , 2002 , 113, 509-17	12
880	The proliferative ventricular zone in adult vertebrates: a comparative study using reptiles, birds, and mammals. 2002 , 57, 765-75	164
879	Identification of neural stem cells in the adult vertebrate brain. 2002 , 57, 751-8	348

878	An emerging molecular and cellular framework for memory processing by the hippocampus. 2002 , 25, 501-5	115
877	Proliferating cells can differentiate into neurons in the striatum of normal adult monkey. 2002 , 328, 213-6	99
876	The neurobiology and neuroendocrinology of stress. Implications for post-traumatic stress disorder from a basic science perspective. 2002 , 25, 469-94, ix	104
875	Methodological Considerations when Studying the Aging Process in the Nonhuman Primate Brain. 2002 , 31, 76-101	
874	Adult neural stem/progenitor cells in the forebrain. Implications for psychostimulant dependence and medication. 2003 , 79, 33-42	
873	Persistently high corticosterone levels but not normal circadian fluctuations of the hormone affect cell proliferation in the adult rat dentate gyrus. 2002 , 76, 366-72	53
872	The lizard cerebral cortex as a model to study neuronal regeneration. 2002 , 74, 85-104	26
871	Neurogenße dans le cerveau adulte. Consquences fonctionnelles. 2002 , 196, 67-76	4
870	Adult rodent neurogenic regions: the ventricular subependyma contains neural stem cells, but the dentate gyrus contains restricted progenitors. 2002 , 22, 1784-93	453
869	Tocopherols enhance neurogenesis in dentate gyrus of adult rats. 2002 , 72, 170-6	25
868	Neurogenesis in adult mammals: some progress and problems. 2002 , 22, 619-23	433
867	Prolonged seizures increase proliferating neuroblasts in the adult rat subventricular zone-olfactory bulb pathway. 2002 , 22, 3174-88	278
866	Postnatal development of rat dentate gyrus: effects of methylazoxymethanol administration. 2002 , 123, 499-509	10
865	Genetic influence on phenotypic differentiation in adult hippocampal neurogenesis. 2002, 134, 1-12	136
864	Delayed kindling epileptogenesis and increased neurogenesis in adult rats housed in an enriched environment. 2002 , 954, 277-85	80
863	5-HT1A receptor antagonist administration decreases cell proliferation in the dentate gyrus. 2002 , 955, 264-7	182
862	Neural stem cells and the regulation of neurogenesis in the adult hippocampus. 2002 , 2, 11-16	13
861	To be or not to be: adult neurogenesis and psychiatry. 2002 , 2, 93-108	15

(2002-2002)

860	Erratum to: Neural stem cells and the regulation of neurogenesis in the adult hippocampus[1 2002 , 2, 266-268	1
859	Adult neural stem cells: plasticity and developmental potential. 2002 , 96, 81-90	59
858	Neuroplasticity in old age: sustained fivefold induction of hippocampal neurogenesis by long-term environmental enrichment. 2002 , 52, 135-43	703
857	Potentiation of nuclear activator protein-1 DNA binding following brief exposure to N-methyl-D-aspartate in immature cultured rat hippocampal neurons. 2002 , 67, 523-32	7
856	Hippocampal adult neurogenesis occurs in a microenvironment provided by PSA-NCAM-expressing immature neurons. 2002 , 69, 772-83	104
855	Adult neurogenesis and neural stem cells of the central nervous system in mammals. 2002 , 69, 745-9	436
854	Age-related decline in neurogenesis: old cells or old environment?. 2002 , 70, 258-63	37
853	Expression patterns of immature neuronal markers PSA-NCAM, CRMP-4 and NeuroD in the hippocampus of young adult and aged rodents. 2002 , 70, 327-34	159
852	The effects of social environment on adult neurogenesis in the female prairie vole. 2002, 51, 115-28	161
851	Neurogenesis may relate to some but not all types of hippocampal-dependent learning. 2002 , 12, 578-84	709
850	Granule neurons generated during development extend divergent axon collaterals to hippocampal area CA3. 2002 , 452, 324-33	32
849	The subventricular zone: new molecular and cellular developments. 2002 , 59, 2128-35	26
848	Regulation of adult hippocampal neurogenesis - implications for novel theories of major depression. 2002 , 4, 17-33	174
847	Hippocampal granule neuron production and population size are regulated by levels of bFGF. 2002 , 15, 3-12	91
846	Genetic determinants of adult hippocampal neurogenesis correlate with acquisition, but not probe trial performance, in the water maze task. 2002 , 16, 129-36	220
845	In vivo infusions of exogenous growth factors into the fourth ventricle of the adult mouse brain increase the proliferation of neural progenitors around the fourth ventricle and the central canal of the spinal cord. 2002 , 16, 1045-57	178
844	Caspase-mediated death of newly formed neurons in the adult rat dentate gyrus following status epilepticus. 2002 , 16, 1463-71	37
843	The rostral migratory stream in adult squirrel monkeys: contribution of new neurons to the olfactory tubercle and involvement of the antiapoptotic protein Bcl-2. 2002 , 16, 1917-24	97

842	The role of seizure-induced neurogenesis in epileptogenesis and brain repair. 2002, 50, 179-89	125
841	The utility of Ki-67 and BrdU as proliferative markers of adult neurogenesis. 2002 , 115, 97-105	606
840	Effects of cortical ischemia and postischemic environmental enrichment on hippocampal cell genesis and differentiation in the adult rat. 2002 , 22, 852-60	98
839	Different Ca2+ dynamics between isolated hippocampal pyramidal cells and dentate granule cells. 2002 , 31, 41-8	7
838	Defining the NG2-expressing cell of the adult CNS. 2002 , 31, 469-80	106
837	Individual vulnerability to substance abuse and affective disorders: role of early environmental influences. 2002 , 4, 281-96	36
836	Molecular pathways in cerebral ischemia: cues to novel therapeutic strategies. 2003 , 27, 33-72	27
835	Treadmill exercise increases cell proliferation in dentate gyrus of rats with streptozotocin-induced diabetes. 2003 , 17, 29-33	47
834	Growth hormone and aging. 2003 , 54, 132-41	19
833	Pilocarpine-induced status epilepticus increases cell proliferation in the dentate gyrus of adult rats via a 5-HT1A receptor-dependent mechanism. 2003 , 966, 1-12	55
832	A delayed increase in hippocampal proliferation following global asphyxia in the neonatal rat. 2003 , 142, 67-76	40
831	Short-term and long-term survival of new neurons in the rat dentate gyrus. 2003 , 460, 563-72	511
830	Differential patterns of glial fibrillary acidic protein-immunolabeling in the brain of adult lizards. 2003 , 464, 159-71	12
829	Transient expression of doublecortin during adult neurogenesis. 2003, 467, 1-10	1178
828	Radial glia diversity: a matter of cell fate. 2003 , 43, 37-43	262
827	Bacterial meningitis causes two distinct forms of cellular damage in the hippocampal dentate gyrus in infant rats. 2003 , 13, 481-8	7 ²
826	Alpha-tocopherol, an exogenous factor of adult hippocampal neurogenesis regulation. 2003, 73, 447-55	40
825	Inhibition of NMDA receptors induces delayed neuronal maturation and sustained proliferation of progenitor cells during neocortical development. 2003 , 74, 676-87	46

(2003-2003)

824	Estradiol initially enhances but subsequently suppresses (via adrenal steroids) granule cell proliferation in the dentate gyrus of adult female rats. 2003 , 55, 247-60	156
823	Microenvironmental elements supporting adult hippocampal neurogenesis. 2003 , 78, 69-78	51
822	Repeated restraint stress suppresses neurogenesis and induces biphasic PSA-NCAM expression in the adult rat dentate gyrus. 2003 , 17, 879-86	514
821	An antagonist of estrogen receptors blocks the induction of adult neurogenesis by insulin-like growth factor-I in the dentate gyrus of adult female rat. 2003 , 18, 923-30	109
820	Adult-born hippocampal neurons mature into activity-dependent responsiveness. 2003, 18, 2707-12	251
819	Neural stem cells and the regulation of adult neurogenesis. 2003 , 1, 99	72
818	Novel aspects of the chemical anatomy of the striatum and its efferents projections. 2003, 26, 271-81	46
817	Synaptic plasticity and cell cycle activation in neurons are alternative effector pathways: the 'Dr. Jekyll and Mr. Hyde concept' of Alzheimer's disease or the yin and yang of neuroplasticity. 2003 , 71, 83-248	158
816	Injury-induced neurogenesis in the adult mammalian brain. 2003 , 9, 261-72	271
815	Early determination and long-term persistence of adult-generated new neurons in the hippocampus of mice. 2003 , 130, 391-9	761
814	Chronic AMPA receptor potentiator (LY451646) treatment increases cell proliferation in adult rat hippocampus. 2003 , 44, 1013-21	126
813	Reduced cell proliferation in the dentate gyrus is not correlated with the development of learned helplessness. 2003 , 54, 1035-40	188
812	Prenatal stress diminishes neurogenesis in the dentate gyrus of juvenile rhesus monkeys. 2003 , 54, 1025-34	375
811	NMDA receptor antagonist treatment increases the production of new neurons in the aged rat hippocampus. 2003 , 24, 273-84	156
810	Increased neurosteroid sensitivity of hippocampal GABAA receptors during postnatal development. <i>Neuroscience</i> , 2003 , 118, 655-66	34
809	Microvascular plasticity in aging. 2003 , 2, 149-68	159
808	Recent advances in stem cell neurobiology. 2003 , 28, 3-89	49
807	N-methyl-D-aspartate receptor activity and estradiol: separate regulation of cell proliferation in the dentate gyrus of adult female meadow vole. 2003 , 179, 155-63	15

806	Neurogenic radial glial cells in reptile, rodent and human: from mitosis to migration. 2003, 13, 550-9	121
805	Regional effects of wheel running and environmental enrichment on cell genesis and microglia proliferation in the adult murine neocortex. 2003 , 13, 845-51	229
804	Intraventricular infusion of TrkB-Fc fusion protein promotes ischemia-induced neurogenesis in adult rat dentate gyrus. 2003 , 34, 2710-5	47
803	Two distinct subpopulations of nestin-positive cells in adult mouse dentate gyrus. 2003 , 23, 9357-66	319
802	Neurogenesis and its implications for regeneration in the adult brain. 2003, 17-9	16
801	Mechanisms of tumor cell invasion and angiogenesis in the central nervous system. 2003, 8, e289-304	31
800	The discovery of the matrix cell, the identification of the multipotent neural stem cell and the development of the central nervous system. 2003 , 28, 205-28	68
799	. 2004,	2
798	Progress in cerebral transplantation of expanded neuronal stem cells. 2004 , 100, 659-71	23
797	Mouse models of Alzheimer's disease: insight into treatment. 2004 , 15, 353-69	87
796	The critical role of cyclin D2 in adult neurogenesis. 2004 , 167, 209-13	143
795	Activation of cAMP-response-element-binding protein (CREB) after focal cerebral ischemia stimulates neurogenesis in the adult dentate gyrus. 2004 , 101, 9453-7	138
794	Activation of cAMP signaling facilitates the morphological maturation of newborn neurons in adult hippocampus. 2004 , 24, 319-28	155
793	Robust in vivo gene transfer into adult mammalian neural stem cells by lentiviral vectors. 2004 , 101, 14835-40	147
792	Environmental control of the survival and differentiation of dentate granule neurons. 2004, 14, 1358-64	5
791	Astrocytic nature of adult neural stem cells in vivo. 2004 , 43-56	1
790	Intrinsic and spontaneous neurogenesis in the postnatal slice culture of rat hippocampus. 2004 , 20, 2499-508	44
789	Oestradiol restores cell proliferation in dentate gyrus and subventricular zone of streptozotocin-diabetic mice. 2004 , 16, 704-10	75

(2004-2005)

788	Where's my dinner? Adult neurogenesis in free-living food-storing rodents. 2005 , 4, 89-98	51
787	Efficacy of doublecortin as a marker to analyse the absolute number and dendritic growth of newly generated neurons in the adult dentate gyrus. 2004 , 19, 234-46	528
786	Blockade of CRF(1) or V(1b) receptors reverses stress-induced suppression of neurogenesis in a mouse model of depression. 2004 , 9, 278-86, 224	260
785	The corticoid environment: a determining factor for neural progenitors' survival in the adult hippocampus. 2004 , 20, 2491-8	145
784	Disguising adult neural stem cells. 2004 , 14, 125-31	68
783	Effects of prenatal protein malnutrition and acute postnatal stress on granule cell genesis in the fascia dentata of neonatal and juvenile rats. 2004 , 150, 9-15	35
782	Autologous transplantation of expanded neural precursor cells into the demyelinated monkey spinal cord. 2004 , 1030, 94-102	31
781	Long-term memory, neurogenesis, and signal novelty. 2004 , 34, 847-57	6
780	Repetitive cocaine administration decreases neurogenesis in adult rat hippocampus. 2004 , 1025, 351-62	94
779	Hippocampal volume and cell proliferation after acute and chronic clozapine or haloperidol treatment. 2004 , 111, 91-100	49
778	Transformation of human umbilical mesenchymal cells into neurons in vitro. 2004 , 11, 652-60	127
777	Increased cell proliferation and neurogenesis in the hippocampal dentate gyrus of old GFAP(-/-)Vim(-/-) mice. 2004 , 29, 2069-73	89
776	Suppressed proliferation and apoptotic changes in the rat dentate gyrus after acute and chronic stress are reversible. 2004 , 19, 131-44	2 60
775	Differential regulation of gliogenesis in the context of adult hippocampal neurogenesis in mice. 2004 , 46, 41-52	248
774	Cell proliferation in the lamprey central nervous system. 2004 , 469, 298-310	31
773	Cell types, lineage, and architecture of the germinal zone in the adult dentate gyrus. 2004 , 478, 359-78	479
772	Endogenous adult neural stem cells: limits and potential to repair the injured central nervous system. 2004 , 76, 223-31	160
771	Chronic morphine induces premature mitosis of proliferating cells in the adult mouse subgranular zone. 2004 , 76, 783-94	106

770	Decreased neurogenesis after cholinergic forebrain lesion in the adult rat. 2004, 77, 155-65	208
769	Effects of progesterone derivatives, dihydroprogesterone and tetrahydroprogesterone, on the subependymal layer of the adult rat. 2004 , 58, 493-502	23
768	Radiation response of neural precursor cells: linking cellular sensitivity to cell cycle checkpoints, apoptosis and oxidative stress. 2004 , 161, 17-27	172
767	[Adult brain neurogenesis and pathology]. 2004 , 50, 33-41	3
766	Radiation-induced cognitive impairments are associated with changes in indicators of hippocampal neurogenesis. 2004 , 162, 39-47	524
765	Learning enhances the survival of new neurons beyond the time when the hippocampus is required for memory. 2004 , 24, 7477-81	242
764	[Neurogenesis in the adult brain: the demise of a dogma and the advent of new treatments]. 2004 , 160, 1150-8	
763	Radiation-induced impairment of hippocampal neurogenesis is associated with cognitive deficits in young mice. 2004 , 188, 316-30	517
762	Memory traces of trace memories: neurogenesis, synaptogenesis and awareness. 2004 , 27, 250-6	171
761	Modulation of hippocampal cell proliferation, memory, and amyloid plaque deposition in APPsw (Tg2576) mutant mice by isolation stress. <i>Neuroscience</i> , 2004 , 127, 601-9	284
760	Estradiol enhances neurogenesis in the dentate gyri of adult male meadow voles by increasing the survival of young granule neurons. <i>Neuroscience</i> , 2004 , 128, 645-54	105
759	Learning and adult neurogenesis: survival with or without proliferation?. 2004, 81, 1-11	119
75 ⁸	Apoptosis of hippocampal neurons in organotypic slice culture models: direct effect of bacteria revisited. 2004 , 63, 610-7	13
757	Human wild-type alpha-synuclein impairs neurogenesis. 2004 , 63, 1155-66	124
756	Experience, structural plasticity and neurogenesis. 2005 , 699-709	
755	EGF and FGF-2 infusion increases post-ischemic neural progenitor cell proliferation in the adult rat brain. 2005 , 57, 1254-63; discussion 1254-63	75
754	Endoscopically Harvested Stem Cells: A Putative Method in Future Autotransplantation. 2005, 57, 779-784	38
753	Caspase inhibition decreases cell death in regions of adult neurogenesis. 2005 , 16, 1147-50	15

(2005-2005)

75 ²	stem cells. 2005 , 23, 1276-85	15
75 ¹	Endogenous Ca2+ buffer concentration and Ca2+ microdomains in hippocampal neurons. 2005 , 25, 558-65	102
75°	Repeated stress and structural plasticity in the brain. 2005 , 4, 271-87	180
749	Anatomical perspectives on adult neural stem cells. 2005 , 207, 197-208	37
748	Age-dependent sensitivity of the developing brain to irradiation is correlated with the number and vulnerability of progenitor cells. 2005 , 92, 569-84	96
747	Newly born cells in the ageing dentate gyrus display normal migration, survival and neuronal fate choice but endure retarded early maturation. 2005 , 21, 464-76	187
746	Chronic stress in the adult dentate gyrus reduces cell proliferation near the vasculature and VEGF and Flk-1 protein expression. 2005 , 21, 1304-14	171
745	Offer and demand: proliferation and survival of neurons in the dentate gyrus. 2005 , 21, 3205-16	51
744	Increased generation of granule cells in adult Bcl-2-overexpressing mice: a role for cell death during continued hippocampal neurogenesis. 2005 , 22, 1907-15	118
743	Disruption of the neurogenic potential of the dentate gyrus in a mouse model of temporal lobe epilepsy with focal seizures. 2005 , 22, 1916-27	118
742	The fate of neural progenitor cells expressing astrocytic and radial glial markers in the postnatal rat dentate gyrus. 2005 , 22, 1928-41	101
74 ¹	Grafts of adult subependymal zone neuronal progenitor cells rescue hemiparkinsonian behavioral decline. 2005 , 1032, 11-22	58
740	Characterization of cell proliferation in the adult dentate under normal conditions and after kainate induced seizures using ribonucleotide reductase and BrdU. 2005 , 1036, 7-17	13
739	Influence of EGF/bFGF treatment on proliferation, early neurogenesis and infarct volume after transient focal ischemia. 2005 , 1056, 158-67	62
738	Early treadmill exercise decreases intrastriatal hemorrhage-induced neuronal cell death and increases cell proliferation in the dentate gyrus of streptozotocin-induced hyperglycemic rats. 2005 , 19, 339-46	34
737	Postnatal neurogenesis in the dentate gyrus of the guinea pig. 2005 , 15, 285-301	47
736	Estradiol-induced enhancement in cell proliferation is mediated through estrogen receptors in the dentate gyrus of adult female rats. 2005 , 66, 142-149	25
735	Expression of the transcription factor Pax 6 in the adult rat dentate gyrus. 2005 , 81, 753-61	68

734	Decreased cell proliferation in the dentate gyrus of rats after repeated administration of cocaine. 2005 , 58, 63-71	42
733	Neurogenesis. 2005 , 261-289	
732	[Neurogenesis and depression: etiology or new illusion?]. 2005, 27, 249-53	7
731	Chronic developmental lead exposure reduces neurogenesis in adult rat hippocampus but does not impair spatial learning. 2005 , 86, 365-74	79
730	Brain Tumors. 2005,	9
729	Increasing hippocampal neurogenesis: a novel mechanism for antidepressant drugs. 2005 , 11, 145-55	129
728	The neuronal PAS domain protein 3 transcription factor controls FGF-mediated adult hippocampal neurogenesis in mice. 2005 , 102, 14052-7	145
727	Adult neurogenesis in rodents and primates: functional implications. 2005 , 15, 711-727	
726	Cell proliferation and neuronal differentiation in the dentate gyrus in juvenile and adult rats following traumatic brain injury. 2005 , 22, 95-105	106
725	The adult mouse hippocampal progenitor is neurogenic but not a stem cell. 2005 , 25, 10815-21	202
724	The aging hippocampus: navigating between rat and human experiments. 2005, 16, 87-121	91
723	cAMP response element-binding protein regulates differentiation and survival of newborn neurons in the olfactory bulb. 2005 , 25, 10105-18	123
722	Adult neurogenesis: from precursors to network and physiology. 2005 , 85, 523-69	803
721	Developmental lead exposure impairs contextual fear conditioning and reduces adult hippocampal neurogenesis in the rat brain. 2005 , 23, 627-35	72
720	Heterotypic neuronal differentiation of adult subependymal zone neuronal progenitor cells transplanted to the adult hippocampus. 2005 , 28, 674-82	24
719	Effects of active shock avoidance learning on hippocampal neurogenesis and plasma levels of corticosterone. 2005 , 157, 23-30	45
718	Decreased proliferation in the adult rat hippocampus after exposure to the Morris water maze and its reversal by fluoxetine. 2005 , 163, 26-32	21
717	Maintaining appearancesthe role of p53 in adult neurogenesis. 2005 , 331, 828-33	30

(2006-2005)

716	Integration of newly born dentate granule cells into adult brains: hypotheses based on normal and epileptic rodents. 2005 , 48, 43-56		81
715	Glucocorticoid regulation of glial responses during hippocampal neurodegeneration and regeneration. 2005 , 48, 287-301		70
714	Adult neurogenesis and repair of the adult CNS with neural progenitors, precursors, and stem cells. 2005 , 75, 321-41		326
713	GABAergic excitation promotes neuronal differentiation in adult hippocampal progenitor cells. 2005 , 47, 803-15		575
712	Fear learning transiently impairs hippocampal cell proliferation. <i>Neuroscience</i> , 2005 , 130, 17-24	3.9	73
711	Identification and characterization of two neurogenic zones in interface organotypic hippocampal slice cultures. <i>Neuroscience</i> , 2005 , 136, 343-55	3.9	25
710	Increase in proliferation and gliogenesis but decrease of early neurogenesis in the rat forebrain shortly after transient global ischemia. <i>Neuroscience</i> , 2005 , 136, 1133-46	3.9	38
709	Cell proliferation in the dentate gyrus of rat hippocampus is inhibited by soft diet feeding. 2005 , 51, 369-74		55
708	Newly born granule cells in the dentate gyrus rapidly extend axons into the hippocampal CA3 region following experimental brain injury. 2005 , 22, 978-88		71
707	Stem Cells. 2006 ,		
7º7 7º6	Stem Cells. 2006, Lentiviral vectors mediate efficient and stable gene transfer in adult neural stem cells in vivo. 2006, 17, 635-50		72
	Lentiviral vectors mediate efficient and stable gene transfer in adult neural stem cells in vivo. 2006 ,		7 ² 258
706	Lentiviral vectors mediate efficient and stable gene transfer in adult neural stem cells in vivo. 2006 , 17, 635-50 Agomelatine, a new antidepressant, induces regional changes in hippocampal neurogenesis. 2006 ,		
706 705	Lentiviral vectors mediate efficient and stable gene transfer in adult neural stem cells in vivo. 2006, 17, 635-50 Agomelatine, a new antidepressant, induces regional changes in hippocampal neurogenesis. 2006, 59, 1087-96 Persistent pain produces stress-like alterations in hippocampal neurogenesis and gene expression.		258
706 705 704	Lentiviral vectors mediate efficient and stable gene transfer in adult neural stem cells in vivo. 2006 , 17, 635-50 Agomelatine, a new antidepressant, induces regional changes in hippocampal neurogenesis. 2006 , 59, 1087-96 Persistent pain produces stress-like alterations in hippocampal neurogenesis and gene expression. 2006 , 7, 544-55		258
706 705 704 703	Lentiviral vectors mediate efficient and stable gene transfer in adult neural stem cells in vivo. 2006, 17, 635-50 Agomelatine, a new antidepressant, induces regional changes in hippocampal neurogenesis. 2006, 59, 1087-96 Persistent pain produces stress-like alterations in hippocampal neurogenesis and gene expression. 2006, 7, 544-55 Stem Cells in the Adult Brain: Their Identification and Role in Neurogenesis. 2006, Mapping cellular gains and losses in the postnatal dentate gyrus: implications for psychiatric		258
706 705 704 703 702	Lentiviral vectors mediate efficient and stable gene transfer in adult neural stem cells in vivo. 2006, 17, 635-50 Agomelatine, a new antidepressant, induces regional changes in hippocampal neurogenesis. 2006, 59, 1087-96 Persistent pain produces stress-like alterations in hippocampal neurogenesis and gene expression. 2006, 7, 544-55 Stem Cells in the Adult Brain: Their Identification and Role in Neurogenesis. 2006, Mapping cellular gains and losses in the postnatal dentate gyrus: implications for psychiatric disorders. 2006, 200, 321-31 Increased number of new neurons in the olfactory bulb and hippocampus of adult non-human		258 122 22

698	Early post-hatching sex differences in cell proliferation and survival in the quail telencephalic ventricular zone and intermediate medial mesopallium. 2006 , 70, 107-16		12
697	Neurogenesis in the adult central nervous system. 2006 , 329, 465-75		67
696	Circadian variation in mouse hippocampal cell proliferation. 2006, 406, 256-9		38
695	Neural stem cells and neurogenesis in the adult zebrafish brain: origin, proliferation dynamics, migration and cell fate. 2006 , 295, 263-77		434
694	High post-partum levels of corticosterone given to dams influence postnatal hippocampal cell proliferation and behavior of offspring: A model of post-partum stress and possible depression. 2006 , 50, 370-82		168
693	Molecular and systems mechanisms of memory consolidation and storage. 2006 , 79, 123-35		160
692	Unique patterns of FOS, phospho-CREB and BrdU immunoreactivity in the female rat brain following chronic stress and citalopram treatment. 2006 , 50, 428-40		50
691	Raised circulating corticosterone inhibits neuronal differentiation of progenitor cells in the adult hippocampus. <i>Neuroscience</i> , 2006 , 137, 83-92	3.9	159
690	Characterization of neural stem cells in the dorsal vagal complex of adult rat by in vivo proliferation labeling and in vitro neurosphere assay. <i>Neuroscience</i> , 2006 , 138, 5-16	3.9	52
689	Both estrogen receptor alpha and estrogen receptor beta agonists enhance cell proliferation in the dentate gyrus of adult female rats. <i>Neuroscience</i> , 2006 , 141, 1793-800	3.9	120
688	Estrogen-induced region specific decrease in the density of 5-bromo-2-deoxyuridine-labeled cells in the olfactory bulb of adult female rats. <i>Neuroscience</i> , 2006 , 141, 1919-24	3.9	17
687	Significant life events and the shape of memories to come: a hypothesis. 2006 , 85, 103-15		21
686	Remodeling of neuronal networks by stress. 2006 , 11, 2746-58		93
685	Growth Hormone and Insulin-like Growth Factor-I and Cellular Regeneration in the Adult Brain. 2006 , 125-145		O
684	Adult neurogenesis and neural precursors, progenitors, and stem cells in the adult CNS. 303-325		
683	The effects of BR003 on memory and cell proliferation in the dentate gyrus of rat hippocampus. 2006 , 29, 813-6		4
682	Adult Neurogenesis. 82-108		36
681	Reduced hippocampal neurogenesis and number of hilar neurones in streptozotocin-induced diabetic mice: reversion by antidepressant treatment. 2006 , 23, 1539-46		91

(2006-2006)

680	2006 , 24, 2631-42	5
679	The window and mechanisms of major age-related decline in the production of new neurons within the dentate gyrus of the hippocampus. 2006 , 5, 545-58	205
678	Adult neurogenesis and the ischemic forebrain. 2006 , 26, 1-20	241
677	Role of the cholinergic system in regulating survival of newborn neurons in the adult mouse dentate gyrus and olfactory bulb. 2006 , 11, 1145-59	149
676	In vitro-derived "neural stem cells" function as neural progenitors without the capacity for self-renewal. 2006 , 24, 731-8	28
675	Kindled seizures enhance young neuron survival in the adult rat dentate gyrus. 2006, 111, 364-71	11
674	Chemical characterization of newly generated neurons in the striatum of adult primates. 2006, 170, 501-12	99
673	Adult neural stem cells, neurogenic niches, and cellular therapy. 2006 , 2, 213-9	77
672	Hippocampal IGF-1 expression, neurogenesis and slowed aging: clues to longevity from mutant mice. 2006 , 28, 181-9	22
671	Human astrocytes can be induced to differentiate into cells with neuronal phenotype. 2006 , 312, 2336-46	14
670	Neuronal stem cells in adults. 2006 , 41, 111-6	8
669	Developmental patterns of torsinA and torsinB expression. 2006 , 1073-1074, 139-45	40
668	Genetic influence on neurogenesis in the dentate gyrus of two strains of adult mice. 2006, 1120, 83-92	36
667	Decreased adult hippocampal neurogenesis in the PDAPP mouse model of Alzheimer's disease. 2006 , 495, 70-83	301
666	Synaptic microcircuitry of tyrosine hydroxylase-containing neurons and terminals in the striatum of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-treated monkeys. 2006 , 495, 453-69	36
665	Dynein light chain Tctex-1 identifies neural progenitors in adult brain. 2006 , 496, 773-86	15
664	Sox3 expression identifies neural progenitors in persistent neonatal and adult mouse forebrain germinative zones. 2006 , 497, 88-100	87
663	Neurogenesis in the adult hippocampus. 2006 , 16, 199-207	175

662	Is there a link between adult neurogenesis and learning?. 2006 , 16, 216-24	437
661	Prolonged seizures recruit caudal subventricular zone glial progenitors into the injured hippocampus. 2006 , 16, 321-8	87
660	FoxG1 haploinsufficiency results in impaired neurogenesis in the postnatal hippocampus and contextual memory deficits. 2006 , 16, 875-90	87
659	Efficient non-viral transfection of adult neural stem/progenitor cells, without affecting viability, proliferation or differentiation. 2006 , 8, 72-81	13
658	Adult-onset deficiency in growth hormone and insulin-like growth factor-I decreases survival of dentate granule neurons: insights into the regulation of adult hippocampal neurogenesis. 2006 , 83, 199-210	50
657	Reactive astrogliosis induces astrocytic differentiation of adult neural stem/progenitor cells in vitro. 2006 , 84, 1415-24	37
656	Aberrant seizure-induced neurogenesis in experimental temporal lobe epilepsy. 2006 , 59, 81-91	278
655	Gonadotropin-releasing hormone-expressing neurons immortalized conditionally are activated by insulin: implication of the mitogen-activated protein kinase pathway. 2006 , 147, 816-26	84
654	The alpha2-adrenoceptor antagonist dexefaroxan enhances hippocampal neurogenesis by increasing the survival and differentiation of new granule cells. 2006 , 31, 1146-57	74
653	Glutamate as a modulator of embryonic and adult neurogenesis. 2006 , 6, 949-60	85
652	Composition and organization of the SCZ: a large germinal layer containing neural stem cells in the adult mammalian brain. 2006 , 16 Suppl 1, i103-11	104
651	Retinoic acid is required early during adult neurogenesis in the dentate gyrus. 2006, 103, 3902-7	202
650	Adult neurogenesis and cellular brain repair with neural progenitors, precursors and stem cells. 2006 , 361, 1477-97	117
649	Neurogenesis in diseases of the central nervous system. 2006 , 15, 359-79	13
648	Environmental cues to guide stem cell fate decision for tissue engineering applications. 2006 , 6, 847-66	64
647	Increased generation of neuronal progenitors after ischemic injury in the aged adult human forebrain. 2006 , 26, 13114-9	223
646	Chronic mild stress decreases survival, but not proliferation, of new-born cells in adult rat hippocampus. 2006 , 38, 44-54	96
645	Adult neurogenesis: can analysis of cell cycle proteins move us "Beyond BrdU"?. 2007 , 8, 147-65	64

(2007-2007)

644	Stimulation of endogenous neurogenesis by anti-EFRH immunization in a transgenic mouse model of Alzheimer's disease. 2007 , 104, 1691-6		39
643	Effects of skilled forelimb training on hippocampal neurogenesis and spatial learning after focal cortical infarcts in the adult rat brain. 2007 , 38, 2833-40		65
642	Citron kinase is required for postnatal neurogenesis in the hippocampus. 2007 , 29, 113-23		21
641	Adult neurogenesis in the hippocampus of long-lived mice during aging. 2007 , 62, 117-25		30
640	Cell repair in Parkinson disease. 2007 , 2, 209-217		
639	Neural Stem Cells, Neural Progenitors, and Neurotrophic Factors. 2007 , 16, 133-150		92
638	Investigating radial glia in vitro. 2007 , 83, 53-67		32
637	N-methyl-d-aspartate receptor expression during adult neurogenesis in the rat dentate gyrus. <i>Neuroscience</i> , 2007 , 144, 855-64	3.9	67
636	Reproductive experience alters hippocampal neurogenesis during the postpartum period in the dam. <i>Neuroscience</i> , 2007 , 149, 53-67	3.9	159
635	Hippocampus-dependent learning promotes survival of new neurons in the dentate gyrus at a specific time during cell maturation. <i>Neuroscience</i> , 2007 , 149, 273-85	3.9	140
634	Neurogenesis and learning: acquisition and asymptotic performance predict how many new cells survive in the hippocampus. 2007 , 88, 143-8		58
633	Anatomical integration of newly generated dentate granule neurons following traumatic brain injury in adult rats and its association to cognitive recovery. 2007 , 204, 264-72		138
632	Adult neurogenesis in the intact and epileptic dentate gyrus. 2007, 163, 529-40		138
631	Electroacupuncture attenuates the decrease of hippocampal progenitor cell proliferation in the adult rats exposed to chronic unpredictable stress. 2007 , 81, 1489-95		27
630	Extensive training in a maze task reduces neurogenesis in the adult rat dentate gyrus probably as a result of stress. 2007 , 416, 133-7		23
629	G-CSF enhances stem cell proliferation in rat hippocampus after transient middle cerebral artery occlusion. 2007 , 418, 248-52		13
628	The dentate mossy fibers: structural organization, development and plasticity. 2007, 163, 85-107		34
627	Protocols for studying adult neurogenesis: insights and recent developments. 2007 , 2, 51-62		34

626	Abeta Peptide and Alzheimer Disease. 2007,	1
625	Adult hippocampal neurogenesis, synaptic plasticity and memory: facts and hypotheses. 2007 , 18, 93-114	200
624	CDK2 is dispensable for adult hippocampal neurogenesis. 2007 , 6, 3065-9	21
623	Increased neurogenesis and astrogenesis from neural progenitor cells grafted in the hippocampus of GFAP-/- Vim-/- mice. 2007 , 25, 2619-27	85
622	Concise review: prospects of stem cell therapy for temporal lobe epilepsy. 2007 , 25, 2396-407	80
621	Neurogenesis and helplessness are mediated by controllability in males but not in females. 2007 , 62, 487-95	115
620	Neurogenesis in the postnatal human epileptic brain. 2007 , 107, 628-35	27
619	Regulation of Adult Neurogenesis. 2007,	
618	Hippocampal neurogenesis, depressive disorders, and antidepressant therapy. 2007 , 2007, 73754	61
617	Testosterone and dihydrotestosterone, but not estradiol, enhance survival of new hippocampal neurons in adult male rats. 2007 , 67, 1321-33	219
616	The microenvironment of the embryonic neural stem cell: lessons from adult niches?. 2007, 236, 3267-82	47
615	Phenotypic characterization of neural stem cells from human fetal spinal cord: synergistic effect of LIF and BMP4 to generate astrocytes. 2007 , 55, 1156-68	40
614	Neonatal isolation impairs neurogenesis in the dentate gyrus of the guinea pig. 2007, 17, 78-91	21
613	Lack of potassium channel induces proliferation and survival causing increased neurogenesis and two-fold hippocampus enlargement. 2007 , 17, 292-304	16
612	Maternal experience inhibits the production of immature neurons in the hippocampus during the postpartum period through elevations in adrenal steroids. 2007 , 17, 434-42	140
611	Glial fibrillary acidic protein (GFAP)-positive radial-like cells are present in the vicinity of proliferative progenitors in the nucleus tractus solitarius of adult rat. 2007 , 501, 353-68	40
610	Clustering, migration, and neurite formation of neural precursor cells in the adult rat hippocampus. 2007 , 502, 275-90	93
609	How widespread is adult neurogenesis in mammals?. 2007 , 8, 481-8	530

608	Regulators of adult neurogenesis in the healthy and diseased brain. 2007, 34, 533-45	79
607	Prenatal choline availability modulates hippocampal neurogenesis and neurogenic responses to enriching experiences in adult female rats. 2007 , 25, 2473-82	83
606	Multi-directional differentiation of doublecortin- and NG2-immunopositive progenitor cells in the adult rat neocortex in vivo. 2007 , 25, 3489-98	89
605	Blockade of caspase-1 increases neurogenesis in the aged hippocampus. 2007 , 26, 2795-803	57
604	Is neurogenesis reparative after status epilepticus?. 2007 , 48 Suppl 8, 69-71	26
603	Cell proliferation in the brains of NMDAR NR1 transgenic mice. 2007 , 1172, 10-20	17
602	BrdU immunohistochemistry for studying adult neurogenesis: paradigms, pitfalls, limitations, and validation. 2007 , 53, 198-214	456
601	Chronic 3,4-methylenedioxymethamphetamine treatment suppresses cell proliferation in the adult mouse dentate gyrus. 2007 , 566, 120-3	17
600	Neuroprotective effects of estradiol in hippocampal neurons and glia of middle age mice. 2007 , 32, 480-92	57
599	Nerve growth factor promotes survival of new neurons in the adult hippocampus. 2007, 26, 47-55	116
599 598	Nerve growth factor promotes survival of new neurons in the adult hippocampus. 2007, 26, 47-55 Single alcohol exposure in early life damages hippocampal stem/progenitor cells and reduces adult neurogenesis. 2007, 26, 597-605	116
	Single alcohol exposure in early life damages hippocampal stem/progenitor cells and reduces adult	
598	Single alcohol exposure in early life damages hippocampal stem/progenitor cells and reduces adult neurogenesis. 2007 , 26, 597-605 Nitric oxide and gamma-aminobutyric acid as regulators of neurogenesis in the brain of adult	83
598 597	Single alcohol exposure in early life damages hippocampal stem/progenitor cells and reduces adult neurogenesis. 2007, 26, 597-605 Nitric oxide and gamma-aminobutyric acid as regulators of neurogenesis in the brain of adult mammals: Models of seizure activity. 2007, 1, 265-274 Life-long hippocampal neurogenesis: environmental, pharmacological and neurochemical	83
598 597 596	Single alcohol exposure in early life damages hippocampal stem/progenitor cells and reduces adult neurogenesis. 2007, 26, 597-605 Nitric oxide and gamma-aminobutyric acid as regulators of neurogenesis in the brain of adult mammals: Models of seizure activity. 2007, 1, 265-274 Life-long hippocampal neurogenesis: environmental, pharmacological and neurochemical modulations. 2007, 32, 1762-71	8 ₃ 3 4 ²
598 597 596	Single alcohol exposure in early life damages hippocampal stem/progenitor cells and reduces adult neurogenesis. 2007, 26, 597-605 Nitric oxide and gamma-aminobutyric acid as regulators of neurogenesis in the brain of adult mammals: Models of seizure activity. 2007, 1, 265-274 Life-long hippocampal neurogenesis: environmental, pharmacological and neurochemical modulations. 2007, 32, 1762-71 The how and why of adult neurogenesis. 2007, 38, 555-62	8 ₃ 3 4 ² 2 ₃
598 597 596 595	Single alcohol exposure in early life damages hippocampal stem/progenitor cells and reduces adult neurogenesis. 2007, 26, 597-605 Nitric oxide and gamma-aminobutyric acid as regulators of neurogenesis in the brain of adult mammals: Models of seizure activity. 2007, 1, 265-274 Life-long hippocampal neurogenesis: environmental, pharmacological and neurochemical modulations. 2007, 32, 1762-71 The how and why of adult neurogenesis. 2007, 38, 555-62 Immunohistological markers for staging neurogenesis in adult hippocampus. 2007, 329, 409-20	83 3 42 23 311

590	Brain tumor stem cells. 2008 , 32, 124-42	20
589	Cancer stem cells: markers or biomarkers?. 2008 , 27, 459-70	86
588	Reduced hippocampal cell differentiation in the subgranular zone of the dentate gyrus in a rat model of type II diabetes. 2008 , 33, 394-400	36
587	Cerebral ischemia and neurogenesis: a two-time comparison. 2008 , 9, 387-93	5
586	Adult dorsal root ganglia sensory neurons express the early neuronal fate marker doublecortin. 2008 , 511, 318-28	27
585	Adolescent development of neuron structure in dentate gyrus granule cells of male Syrian hamsters. 2008 , 68, 1517-26	18
584	Transgenic inactivation of acetylcholinesterase impairs homeostasis in mouse hippocampal granule cells. 2008 , 18, 182-92	25
583	Different effects of mild and severe seizures on hippocampal neurogenesis in adult rats. 2008, 18, 460-8	44
582	Inverse relationship between adult hippocampal cell proliferation and synaptic rewiring in the dentate gyrus. 2008 , 18, 879-98	35
581	Neural stem cells in the mammalian brain. 2008 , 265, 55-109	8
580	Dietary restriction inhibits spatial learning ability and hippocampal cell proliferation in rats1. 2008 , 50, 36-48	2
579	Negative regulation of neurogenesis and spatial memory by NR2B-containing NMDA receptors. 2008 , 106, 1900-13	57
578	Relationship between post-traumatic stress disorder-like behavior and reduction of hippocampal 5-bromo-2'-deoxyuridine-positive cells after inescapable shock in rats. 2008 , 62, 713-20	22
577	Neurogenesis, learning and associative strength. 2008 , 27, 3020-8	50
576	Seasonal differences in ventricular proliferation of adult Gallotia galloti lizards. 2008, 1191, 39-46	18
575	Age-dependent decline in hippocampal neurogenesis is not altered by chronic treatment with fluoxetine. 2008 , 1228, 14-9	58
574	Factors that regulate KiSS1 gene expression in the hippocampus. 2008 , 1243, 10-8	26
573	Impaired hippocampal neurogenesis is involved in cognitive dysfunction induced by thiamine deficiency at early pre-pathological lesion stage. 2008 , 29, 176-85	76

(2008-2008)

572	Endocrine regulation of cognition and neuroplasticity: our pursuit to unveil the complex interaction between hormones, the brain, and behaviour. 2008 , 62, 247-60	94
571	Repeated clomipramine treatment reversed the inhibition of cell proliferation in adult hippocampus induced by chronic unpredictable stress. 2008 , 8, 375-83	29
570	Varied access to intravenous methamphetamine self-administration differentially alters adult hippocampal neurogenesis. 2008 , 64, 958-65	100
569	Neurogenesis in the amygdala: a new etiologic hypothesis of autism?. 2008 , 70, 352-7	14
568	Adult hippocampal neurogenesis and sudden unexpected death in epilepsy: reality or just an attractive history?. 2008 , 71, 914-22	4
567	An animal model of a behavioral intervention for depression. 2008 , 60, 149-61	130
566	Repeated estradiol administration alters different aspects of neurogenesis and cell death in the hippocampus of female, but not male, rats. <i>Neuroscience</i> , 2008 , 152, 888-902	148
565	Genome-wide analysis of aging and learning-related genes in the hippocampal dentate gyrus. 2008 , 89, 379-96	50
564	The astrocyte odyssey. 2008 , 86, 342-67	369
563	The total flavonoids extracted from Xiaobuxin-Tang up-regulate the decreased hippocampal neurogenesis and neurotrophic molecules expression in chronically stressed rats. 2008 , 32, 1484-90	49
562	Adult hippocampal cell proliferation is suppressed with estrogen withdrawal after a hormone-simulated pregnancy. 2008 , 54, 203-11	85
561	From stem cells to grandmother cells: how neurogenesis relates to learning and memory. 2008 , 3, 253-8	58
560	Adult neurogenesis pharmacology in neurological diseases and disorders. 2008 , 8, 311-20	17
559	Epigenetic mechanisms regulating fate specification of neural stem cells. 2008 , 363, 2099-109	66
558	Neurogenesis in the Adult Hippocampus. 2008 , 220-241	96
557	Cdk5 is essential for adult hippocampal neurogenesis. 2008 , 105, 18567-71	93
556	Leptin increases adult hippocampal neurogenesis in vivo and in vitro. 2008 , 283, 18238-47	171
555	Reelin Glycoprotein. 2008,	6

554	Stem and progenitor cell therapies: recent progress for spinal cord injury repair. 2008, 30, 5-16	37
553	Cancer stem cells and survival pathways. 2008, 7, 1371-8	94
552	Proliferation, neurogenesis and regeneration in the non-mammalian vertebrate brain. 2008, 363, 101-22	259
551	p21Cip1 restricts neuronal proliferation in the subgranular zone of the dentate gyrus of the hippocampus. 2008 , 105, 1358-63	91
550	Transient impairment of hippocampus-dependent learning and memory in relatively low-dose of acute radiation syndrome is associated with inhibition of hippocampal neurogenesis. 2008 , 49, 517-26	73
549	Temporal profile of clinical signs and histopathologic changes in an F-344 rat model of kainic acid-induced mesial temporal lobe epilepsy. 2008 , 36, 932-43	24
548	Neurogenesis in the aging brain. 2007 , 2, 605-10	71
547	Neurogenesis in Neurotoxin-induced Animal Models for Parkinson's Disease-A Review of the Current Status. 2009 , 22, 101-8	6
546	Neural stem cells at the crossroads: MMPs may tell the way. 2009 , 53, 1-17	34
545	Selective survival and maturation of adult-born dentate granule cells expressing the immediate early gene Arc/Arg3.1. 2009 , 4, e4885	22
544	Soft-diet feeding inhibits adult neurogenesis in hippocampus of mice. 2009 , 50, 117-24	21
543	Neurogenesis in the Intact Adult Brain. 2009 , 443-447	1
542	CD4-positive T lymphocytes provide a neuroimmunological link in the control of adult hippocampal neurogenesis. 2009 , 182, 3979-84	225
541	VEGFR-1 regulates adult olfactory bulb neurogenesis and migration of neural progenitors in the rostral migratory stream in vivo. 2009 , 29, 8704-14	90
540	Rescue of radiation-induced cognitive impairment through cranial transplantation of human embryonic stem cells. 2009 , 106, 19150-5	100
539	Changing Brains: The Emergence of the Field of Adult Neurogenesis. 2009 , 4, 407-424	27
538	Genetic ablation of caveolin-1 increases neural stem cell proliferation in the subventricular zone (SVZ) of the adult mouse brain. 2009 , 8, 3978-83	27
537	Zinc intake during pregnancy increases the proliferation at ventricular zone of the newborn brain. 2009 , 12, 9-12	13

(2009-2009)

536	Prolactin prevents chronic stress-induced decrease of adult hippocampal neurogenesis and promotes neuronal fate. 2009 , 29, 1826-33	114
535	Agonistic behavior enhances adult neurogenesis in male Acheta domesticus crickets. 2009 , 212, 2045-56	13
534	Effects of steroid hormones on neurogenesis in the hippocampus of the adult female rodent during the estrous cycle, pregnancy, lactation and aging. 2009 , 30, 343-57	235
533	Effects of the hypnotic drug zolpidem on cell proliferation and survival in the dentate gyrus of young and old rats. 2009 , 1259, 26-31	11
532	Peripheral sensory deafferentation affects olfactory bulb neurogenesis in zebrafish. 2009 , 1269, 31-9	11
531	Activity-dependent structural plasticity. 2009 , 60, 287-305	207
530	Reduced spatial learning in mice treated with NVP-AAM077 through down-regulating neurogenesis. 2009 , 622, 37-44	15
529	Running wild: neurogenesis in the hippocampus across the lifespan in wild and laboratory-bred Norway rats. 2009 , 19, 1040-9	62
528	The antidepressant effects of running and escitalopram are associated with levels of hippocampal NPY and Y1 receptor but not cell proliferation in a rat model of depression. 2010 , 20, 820-8	49
527	Task difficulty in the Morris water task influences the survival of new neurons in the dentate gyrus. 2010 , 20, 866-76	37
526	Exercising some control over the hippocampus. 2009 , 19, 887-8	
525	Binge-like postnatal alcohol exposure triggers cortical gliogenesis in adolescent rats. 2009 , 514, 259-71	28
524	Ultrastructure of the subventricular zone in Macaca fascicularis and evidence of a mouse-like migratory stream. 2009 , 514, 533-54	49
523	Conditional ablation and recovery of forebrain neurogenesis in the mouse. 2009 , 514, 567-82	53
522	Neuroimaging assessment of memory-related brain structures in a rat model of acute space-like radiation. 2009 , 29, 785-92	6
521	Enriched environment restores hippocampal cell proliferation and ameliorates cognitive deficits in chronically stressed rats. 2009 , 87, 831-43	109
520	Effects of treadmill exercise on cell proliferation and differentiation in the subgranular zone of the dentate gyrus in a rat model of type II diabetes. 2009 , 34, 1039-46	54
519	Three before their time: neuroscientists whose ideas were ignored by their contemporaries. 2009 , 192, 321-34	27

518	Role of ubiquitin ligases in neural stem and progenitor cells. 2009 , 57, 177-88	5
517	Different forms of oestrogen rapidly upregulate cell proliferation in the dentate gyrus of adult female rats. 2009 , 21, 155-66	83
516	Suppression of hippocampal cell proliferation by short-term stimulant drug administration in adult rats. 2009 , 29, 2157-65	35
515	Adult hippocampal neurogenesis: regulation, functional implications, and contribution to disease pathology. 2009 , 33, 232-52	289
514	Neuroimmune response and sleep studies after whole body irradiation with high-LET particles. 2009 , 44, 934-941	1
513	Hormone Regulation of Adult Hippocampal Neurogenesis in the Mammalian Brain. 2009, 2165-2200	1
512	Anxiety and the aging brain: stressed out over p53?. 2009 , 1790, 1587-91	13
511	Cognitive dysfunction and hippocampal changes in experimental type 1 diabetes. 2009 , 198, 224-30	100
510	Does 5-bromo-2'-deoxyuridine (BrdU) disrupt cell proliferation and neuronal maturation in the adult rat hippocampus in vivo?. 2009 , 199, 218-21	19
509	Prior sexual experience increases hippocampal cell proliferation and decreases risk assessment behavior in response to acute predator odor stress in the male rat. 2009 , 200, 106-12	21
508	GABAergic interneuron dysfunction impairs hippocampal neurogenesis in adult apolipoprotein E4 knockin mice. 2009 , 5, 634-45	179
507	Effect of neural precursor proliferation level on neurogenesis in rat brain during aging and after focal ischemia. 2009 , 30, 299-308	28
506	Regenerative capacity of neural precursors in the adult mammalian brain is under the control of p53. 2009 , 30, 483-97	61
505	Hippocampus-dependent strategy choice predicts low levels of cell proliferation in the dentate gyrus. 2009 , 91, 437-46	23
504	Hippocampal neurogenesis and neural stem cells in temporal lobe epilepsy. 2009 , 14 Suppl 1, 65-73	109
503	The role of kisspeptin and GPR54 in the hippocampus. 2009 , 30, 16-25	40
502	Cell migration in the normal and pathological postnatal mammalian brain. 2009, 88, 41-63	179
501	Adult neurogenesis and its alteration under pathological conditions. 2009 , 63, 155-64	70

500	Neurogenesis in substantia nigra of parkinsonian brains?. 2009 , 279-85		14
499	Adult-born hippocampal neurons are more numerous, faster maturing, and more involved in behavior in rats than in mice. 2009 , 29, 14484-95		329
498	Apigenin and related compounds stimulate adult neurogenesis. Mars, Inc., the Salk Institute for Biological Studies: WO2008147483. 2009 , 19, 523-7		43
497	Identification and Characterization of Neural Progenitor Cells in the Adult Mammalian Brain. 2009,		1
496	Animal Models of Epilepsy. <i>Neuromethods</i> , 2009 ,	0.4	2
495	Magnetic resonance imaging for monitoring neurogenesis in the adult hippocampus. 2009 , 3, 211-6		1
494	The glial nature of embryonic and adult neural stem cells. 2009 , 32, 149-84		1639
493	Potential of cell therapy to treat pediatric motility disorders. 2009 , 18, 263-73		37
492	Neurogenesis mediated by gamma-aminobutyric acid and glutamate signaling. 2009 , 110, 133-49		45
491	Immunocytochemical detection of newly generated neurons in the perilesional area of cortical infarcts after intraventricular application of brain-derived neurotrophic factor. 2009 , 68, 83-93		25
490	Structural plasticity and hippocampal function. 2010 , 61, 111-40, C1-3		254
489	The Arc of synaptic memory. 2010 , 200, 125-40		342
488	Effects of brain insults and pharmacological manipulations on the adult hippocampal neurogenesis. 2010 , 33, 1475-88		13
487	Adverse stress, hippocampal networks, and Alzheimer's disease. 2010 , 12, 56-70		138
486	Impaired neurogenesis, learning and memory and low seizure threshold associated with loss of neural precursor cell survivin. 2010 , 11, 2		15
485	Newly generated cells are increased in hippocampus of adult mice lacking a serine protease inhibitor. 2010 , 11, 70		6
484	Rosiglitazone, an agonist of peroxisome proliferator-activated receptor gamma, decreases immunoreactivity of markers for cell proliferation and neuronal differentiation in the mouse hippocampus. 2010 , 1329, 30-5		13
483	Lipopolysaccharide acutely inhibits proliferation of neural precursor cells in the dentate gyrus in adult rats. 2010 , 1352, 35-42		52

482	Hippocampal cell loss and neurogenesis after fetal alcohol exposure: insights from different rodent models. 2010 , 64, 283-303	145
481	Consequences of ionizing radiation-induced damage in human neural stem cells. 2010 , 49, 1846-55	91
480	Corticosterone and dehydroepiandrosterone have opposing effects on adult neuroplasticity in the avian song control system. 2010 , 518, 3662-78	66
479	Identification of the Tctex-1 regulatory element that directs expression to neural stem/progenitor cells in developing and adult brain. 2010 , 518, 3327-42	10
478	Heterogeneity and Fgf dependence of adult neural progenitors in the zebrafish telencephalon. 2010 , 58, 1345-63	113
477	Hippocampal-sparing whole-brain radiotherapy: a "how-to" technique using helical tomotherapy and linear accelerator-based intensity-modulated radiotherapy. 2010 , 78, 1244-52	228
476	Physiological roles of ion channels in adult neural stem cells and their progeny. 2010 , 114, 946-59	33
475	Improved learning in microencephalic rats. 2010 , 50, 58-63	6
474	Pregnancy decreases oestrogen receptor alpha expression and pyknosis, but not cell proliferation or survival, in the hippocampus. 2010 , 22, 248-57	45
473	New neurons and new memories: how does adult hippocampal neurogenesis affect learning and memory?. 2010 , 11, 339-50	1516
473 472		1516 99
	memory?. 2010 , 11, 339-50 Quantitative analysis of postnatal neurogenesis and neuron number in the macaque monkey	
472	memory?. 2010 , 11, 339-50 Quantitative analysis of postnatal neurogenesis and neuron number in the macaque monkey dentate gyrus. 2010 , 31, 273-85	99
47 ²	memory?. 2010, 11, 339-50 Quantitative analysis of postnatal neurogenesis and neuron number in the macaque monkey dentate gyrus. 2010, 31, 273-85 You can teach an old dog new tricks:. 104-129	99
472 471 470	Memory?. 2010, 11, 339-50 Quantitative analysis of postnatal neurogenesis and neuron number in the macaque monkey dentate gyrus. 2010, 31, 273-85 You can teach an old dog new tricks:. 104-129 Detection and Identification of Tissue Stem Cells. 2010, 857-875 Region-specific genetic alterations in the aging hippocampus: implications for cognitive aging. 2010	99
472 471 470 469	Quantitative analysis of postnatal neurogenesis and neuron number in the macaque monkey dentate gyrus. 2010, 31, 273-85 You can teach an old dog new tricks:. 104-129 Detection and Identification of Tissue Stem Cells. 2010, 857-875 Region-specific genetic alterations in the aging hippocampus: implications for cognitive aging. 2010, 2, 140	99 2 1 56
472 471 470 469 468	Quantitative analysis of postnatal neurogenesis and neuron number in the macaque monkey dentate gyrus. 2010, 31, 273-85 You can teach an old dog new tricks:. 104-129 Detection and Identification of Tissue Stem Cells. 2010, 857-875 Region-specific genetic alterations in the aging hippocampus: implications for cognitive aging. 2010, 2, 140 Nestin expression in human tumors and tumor cell lines. 2010, 57, 291-8	99 2 1 56 77

(2010-2010)

464	Doxycycline inhibits proinflammatory cytokines but not acute cerebral cytogenesis after hypoxia-ischemia in neonatal rats. <i>Journal of Psychiatry and Neuroscience</i> , 2010 , 35, 20-32	36
463	Restorative approaches in Parkinson's Disease: which cell type wins the race?. 2010 , 289, 93-103	51
462	Vascular endothelial growth factor is involved in mediating increased de novo hippocampal neurogenesis in response to traumatic brain injury. 2010 , 27, 541-53	71
461	Smoothened agonist augments proliferation and survival of neural cells. 2010 , 482, 81-5	27
460	Chronic treatment of exendin-4 affects cell proliferation and neuroblast differentiation in the adult mouse hippocampal dentate gyrus. 2010 , 486, 38-42	23
459	Multipotent precursors in the anterior and hippocampal subventricular zone display similar transcription factor signatures but their proliferation and maintenance are differentially regulated. 2010 , 44, 318-29	13
458	Influence of different estrogens on neuroplasticity and cognition in the hippocampus. 2010 , 1800, 1056-67	114
457	Hippocampal cell proliferation and spatial memory performance after social instability stress in adolescence in female rats. 2010 , 208, 23-9	58
456	Adult hippocampal neurogenesis and c-Fos induction during escalation of voluntary wheel running in C57BL/6J mice. 2010 , 213, 246-52	43
455	Noise trauma impairs neurogenesis in the rat hippocampus. <i>Neuroscience</i> , 2010 , 167, 1216-26 3.9	131
454	Characterization of novel monoclonal antibodies able to identify neurogenic niches and arrest neurosphere proliferation and differentiation. <i>Neuroscience</i> , 2010 , 169, 1473-85	8
453	Differential stroke-induced proliferative response of distinct precursor cell subpopulations in the young and aged dentate gyrus. <i>Neuroscience</i> , 2010 , 169, 1279-86	23
452	Estrogen receptor and G-protein coupled receptor 30 mediate the neuroprotective effects of 17 lestradiol in novel murine hippocampal cell models. <i>Neuroscience</i> , 2010 , 170, 54-66	138
45 ¹	Cyclophosphamide impairs hippocampus-dependent learning and memory in adult mice: Possible involvement of hippocampal neurogenesis in chemotherapy-induced memory deficits. 2010 , 93, 487-94	101
450	Prenatal alcohol exposure reduces the proportion of newly produced neurons and glia in the dentate gyrus of the hippocampus in female rats. 2010 , 58, 835-43	57
449	Why avoid the hippocampus? A comprehensive review. 2010 , 97, 370-6	247
448	Combined transplantation of neural stem cells and olfactory ensheathing cells improves the motor function of rats with intracerebral hemorrhage. 2010 , 23, 62-7	11
447	Meningitis in neonates: bench to bedside. 2010 , 37, 655-76	29

446	From network structure to network reorganization: implications for adult neurogenesis. 2010 , 7, 046008	16
445	Stress-induced suppression of hippocampal neurogenesis in adult male rats is altered by prenatal ethanol exposure. 2010 , 13, 301-13	34
444	Compensatory network changes in the dentate gyrus restore long-term potentiation following ablation of neurogenesis in young-adult mice. 2011 , 108, 5437-42	7 ²
443	Oxidative Stress in Adult Neurogenesis and in the Pathogenesis of Alzheimer Disease. 2011 , 129-137	
442	Neurogenesis in the Adult Brain II. 2011 ,	2
441	Neurogenesis in the Adult Brain I. 2011 ,	
440	CX(3)CR1 deficiency alters hippocampal-dependent plasticity phenomena blunting the effects of enriched environment. 2011 , 5, 22	102
439	Depression, antidepressants, and neurogenesis: a critical reappraisal. 2011 , 36, 2589-602	212
438	Growth hormone improves hippocampal adult cell survival and counteracts the inhibitory effect of prolonged sleep deprivation on cell proliferation. 2011 , 84, 252-7	26
437	Investigating regeneration and functional integration of CNS neurons: lessons from zebrafish genetics and other fish species. 2011 , 1812, 364-80	56
436	Cholinergic influences on cortical development and adult neurogenesis. 2011 , 221, 379-88	81
435	Chronic stress impairs learning and hippocampal cell proliferation in senescence-accelerated prone mice. 2011 , 490, 85-9	12
434	The Discovery of Adult Mammalian Neurogenesis. 2011 , 3-46	13
433	The great migration of bone marrow-derived stem cells toward the ischemic brain: therapeutic implications for stroke and other neurological disorders. 2011 , 95, 213-28	170
432	Age-related effects on hippocampal precursor cell subpopulations and neurogenesis. 2011, 32, 1906-14	83
431	Motherhood alters the cellular response to estrogens in the hippocampus later in life. 2011 , 32, 2091-5	73
430	Strain differences in neurogenesis and activation of new neurons in the dentate gyrus in response to spatial learning. <i>Neuroscience</i> , 2011 , 172, 342-54	32
429	Regulated expression of neuronal SIRT1 and related genes by aging and neuronal \(\mathbb{2}\)-containing nicotinic cholinergic receptors. <i>Neuroscience</i> , 2011 , 196, 189-202	17

(2011-2011)

428	Changing the rate and hippocampal dependence of trace eyeblink conditioning: slow learning enhances survival of new neurons. 2011 , 95, 159-65	19
427	Working memory task decreases the survival of newly born neurons in hippocampus. 2011 , 95, 239-47	8
426	Activation and survival of immature neurons in the dentate gyrus with spatial memory is dependent on time of exposure to spatial learning and age of cells at examination. 2011 , 95, 316-25	35
425	A protocol for isolation and enriched monolayer cultivation of neural precursor cells from mouse dentate gyrus. 2011 , 5, 89	93
424	Radial glia: progenitor, pathway, and partner. 2011 , 17, 288-302	60
423	Transforming Growth Factor-Beta Signaling in the Neural Stem Cell Niche: A Therapeutic Target for Huntington's Disease. 2011 , 2011, 124256	32
422	Strategies for regenerating striatal neurons in the adult brain by using endogenous neural stem cells. 2011 , 2011, 898012	12
421	Stress and traumatic brain injury: a behavioral, proteomics, and histological study. 2011 , 2, 12	90
420	The effect of enriched environment on the outcome of traumatic brain injury; a behavioral, proteomics, and histological study. 2011 , 5, 42	87
419	In vivo monitoring of adult neurogenesis in health and disease. 2011 , 5, 67	28
418	Prospects and limitations of using endogenous neural stem cells for brain regeneration. 2011 , 2, 107-30	15
417	Aggravation of chronic stress effects on hippocampal neurogenesis and spatial memory in LPAII receptor knockout mice. 2011 , 6, e25522	52
416	Distribution and characterization of progenitor cells within the human filum terminale. 2011 , 6, e27393	13
415	Emerging concepts of anesthetic neuroprotection and neurotoxicity. 1151-1162	
414	The cancer stem cell hypothesis: failures and pitfalls. 2011 , 68, 531-45; discussion 545	88
413	Adult hippocampal neurogenesis: a possible way how physical exercise counteracts stress. 2011 , 20, 99-111	53
412	Bacterial meningitis impairs hippocampal neurogenesis. 2011 , 70, 890-9	31
411	Chronic treatment with imipramine and lithium increases cell proliferation in the hippocampus in adrenocorticotropic hormone-treated rats. 2011 , 34, 77-81	19

410	Associative learning increases adult neurogenesis during a critical period. 2011 , 33, 175-81	46
409	From pattern to purpose: how comparative studies contribute to understanding the function of adult neurogenesis. 2011 , 34, 963-77	50
408	Increased ethanol intake and preference in cyclin D2 knockout mice. 2011 , 10, 551-6	8
407	Progesterone treatment normalizes the levels of cell proliferation and cell death in the dentate gyrus of the hippocampus after traumatic brain injury. 2011 , 231, 72-81	89
406	Neurotoxicity of methotrexate to hippocampal cells in vivo and in vitro. 2011 , 82, 72-80	48
405	Stage-dependent alterations of progenitor cell proliferation and neurogenesis in an animal model of Wernicke-Korsakoff syndrome. 2011 , 1391, 132-46	14
404	Proliferation, migration and differentiation in juvenile and adult Xenopus laevis brains. 2011 , 1405, 31-48	32
403	Neurogenesis in Huntington's disease: can studying adult neurogenesis lead to the development of new therapeutic strategies?. 2011 , 1406, 84-105	46
402	When is adult hippocampal neurogenesis necessary for learning? evidence from animal research. 2011 , 22, 267-83	51
401	Lineage analysis of newly generated neurons in organotypic culture of rat hippocampus. 2011 , 69, 223-33	11
400	Immunohistological markers for proliferative events, gliogenesis, and neurogenesis within the adult hippocampus. 2011 , 345, 1-19	217
399	[Lifestyle and cognition: what do we know from the aging and neurodegenerative brain?]. 2011, 82, 1566-77	5
398	Cellular therapy and induced neuronal replacement for Huntington's disease. 2011 , 8, 577-90	48
397	Grape seed extract enhances neurogenesis in the hippocampal dentate gyrus in C57BL/6 mice. 2011 , 25, 668-74	8
396	The origins of glioma: E Pluribus Unum?. 2011 , 59, 1135-47	65
395	Topographic differences in adult neurogenesis in the mouse hippocampus: a stereology-based study using endogenous markers. 2011 , 21, 467-80	90
394	Deafferentation enhances neurogenesis in the young and middle aged hippocampus but not in the aged hippocampus. 2011 , 21, 631-46	13
393	Mapping of endogenous morphine-like compounds in the adult mouse brain: Evidence of their localization in astrocytes and GABAergic cells. 2011 , 519, 2390-416	18

(2012-2011)

392	and successful. 2011 , 23, 2159-70	43
391	In-vitro cell quantification method based on depth dependent analysis of brain tissue microscopic images. 2011 , 2011, 4913-6	1
390	Maturation time of new granule cells in the dentate gyrus of adult macaque monkeys exceeds six months. 2011 , 108, 10326-31	117
389	Central Nervous System. 2011 , 1023-1046	1
388	Cocaine and MDMA Induce Cellular and Molecular Changes in Adult Neurogenic Systems: Functional Implications. 2011 , 4, 915-932	3
387	Cell based therapies in Parkinson's Disease. 2011 , 18, 76-83	6
386	Experimentally induced hyperthyroidism disrupts hippocampal long-term potentiation in adult rats. 2011 , 94, 218-27	38
385	Pulse labeling and long-term tracing of newborn neurons in the adult subgranular zone. 2011 , 21, 338-49	27
384	Brain cancer stem cells: current status on glioblastoma multiforme. 2011 , 3, 1777-97	53
383	Sox1 marks an activated neural stem/progenitor cell in the hippocampus. 2012 , 139, 3938-49	52
382	Stem Cells and Cancer Stem Cells, Volume 2. 2012 ,	
381	Cell-autonomous inactivation of the reelin pathway impairs adult neurogenesis in the hippocampus. 2012 , 32, 12051-65	57
380	Neurogenesis in a young dog with epileptic seizures. 2012 , 49, 766-70	1
379	Adult Hippocampal Neurogenesis and Memory. 2012 , 81-146	2
378	Neural stem/progenitor cells transplanted to the hypoglossal nucleus integrates with the host CNS in adult rats and promotes motor neuron survival. 2012 , 21, 739-47	3
377	Effects of ethanol exposure on nervous system development in zebrafish. 2012 , 299, 255-315	22
376	Functional implications of hypothalamic neurogenesis in the adult mammalian brain. 2012, 30, 615-21	66
375	Hippocampal dosimetry predicts neurocognitive function impairment after fractionated stereotactic radiotherapy for benign or low-grade adult brain tumors. 2012 , 83, e487-93	109

374	Impact of psychotropic drugs on adult hippocampal neurogenesis. 2012 , 73, 93-8		6
373	Stem cells in gliomas. 2012 , 104, 63-73		9
372	Methylmercury and Neurotoxicity. 2012,		6
371	Enhanced neurogenesis in organotypic cultures of rat hippocampus after transient subfield-selective excitotoxic insult induced by domoic acid. <i>Neuroscience</i> , 2012 , 208, 97-108	3.9	30
370	Swimming exercise increases the level of nerve growth factor and stimulates neurogenesis in adult rat hippocampus. <i>Neuroscience</i> , 2012 , 212, 30-7	3.9	17
369	The addicted brain craves new neurons: putative role for adult-born progenitors in promoting recovery. 2012 , 35, 250-60		110
368	Effects of ADHD therapeutic agents, methylphenidate and atomoxetine, on hippocampal neurogenesis in the adolescent mouse dentate gyrus. 2012 , 524, 84-8		37
367	Time-dependent involvement of adult-born dentate granule cells in behavior. 2012 , 227, 470-9		49
366	Acute treatment with methotrexate induces hippocampal dysfunction in a mouse model of breast cancer. 2012 , 89, 50-6		57
365	Neuroprotective and neurorestorative effects of thymosin 4 treatment following experimental traumatic brain injury. 2012 , 1270, 51-8		34
364	Neurogenic differentiation of human adipose-derived stem cells: relevance of different signaling molecules, transcription factors, and key marker genes. 2012 , 511, 427-36		45
363	Selective estrogen receptor-beta (SERM-beta) compounds modulate raphe nuclei tryptophan hydroxylase-1 (TPH-1) mRNA expression and cause antidepressant-like effects in the forced swim test. 2012 , 63, 1051-63		29
362	Moderate drinking? Alcohol consumption significantly decreases neurogenesis in the adult hippocampus. <i>Neuroscience</i> , 2012 , 224, 202-9	3.9	44
361	The role of eNSCs in neurodegenerative disease. 2012 , 46, 555-62		7
360	Stress and Brain Function. 2012 , 497-507		1
359	Novel Cell and Tissue Acquisition System (CTAS): microdissection of live and frozen brain tissues. 2012 , 7, e41564		12
358	Fast, potent pharmacological expansion of endogenous hes3+/sox2+ cells in the adult mouse and rat hippocampus. 2012 , 7, e51630		7
357	Neuroregenerative mechanisms of allopregnanolone in Alzheimer's disease. 2011 , 2, 117		32

356	New Neurons in Aging Brains: Molecular Control by Small Non-Coding RNAs. 2012 , 6, 25	54
355	All in the Family: How the APPs Regulate Neurogenesis. 2012 , 6, 81	53
354	Mild exercise model for enhancement of hippocampal neurogenesis: A possible candidate for promotion of neurogenesis. 2012 , 1, 585-594	4
353	Grafted neuronal precursor cells differentiate and integrate in injured hippocampus in experimental pneumococcal meningitis. 2012 , 30, 1206-15	5
352	Orchestrating transcriptional control of adult neurogenesis. 2012 , 26, 1010-21	151
351	A fight for survival: the challenges faced by a newborn neuron integrating in the adult hippocampus. 2012 , 72, 1016-31	42
350	G-protein-coupled receptors in adult neurogenesis. 2012 , 64, 645-75	42
349	Stress, stress hormones, and adult neurogenesis. 2012 , 233, 12-21	235
348	Periodic maternal separation decreases hippocampal neurogenesis without affecting basal corticosterone during the stress hyporesponsive period, but alters HPA axis and coping behavior in adulthood. 2012 , 37, 410-20	111
347	Upregulation of the vascular endothelial growth factor, Flt-1, in rat hippocampal neurons after envenoming by Phoneutria nigriventer; age-related modulation. 2012 , 60, 656-64	16
346	Adult neurogenesis and brain regeneration in zebrafish. 2012 , 72, 429-61	231
345	Tenuigenin promotes proliferation and differentiation of hippocampal neural stem cells. 2012, 37, 771-7	26
344	Effects of ethanol on hippocampal neurogenesis depend on the conditioned appetitive response. 2013 , 18, 774-85	4
343	Proliferation zones in the axolotl brain and regeneration of the telencephalon. 2013 , 8, 1	51
342	Pediatric Neurogastroenterology. 2013,	1
341	Brain homeostasis: VEGF receptor 1 and 2-two unequal brothers in mind. 2013 , 70, 1705-25	32
340	Aripiprazole, an atypical antipsychotic drug, improves maturation and complexity of neuroblast dendrites in the mouse dentate gyrus via increasing superoxide dismutases. 2013 , 38, 1980-8	18
339	Neurogenesis and Neural Plasticity. 2013,	5

338	Adrenalectomy and corticosterone replacement differentially alter CA3 dendritic morphology and new cell survival in the adult rat hippocampus. 2013 , 48-49, 23-8		3
337	Neurotoxic saboteurs: straws that break the hippo's (hippocampus) back drive cognitive impairment and Alzheimer's Disease. 2013 , 24, 407-59		41
336	LIM-homeobox gene Lhx8 promote the differentiation of hippocampal newborn neurons into cholinergic neurons in vitro. 2013 , 49, 103-7		7
335	Functional recovery of the dentate gyrus after a focal lesion is accompanied by structural reorganization in the adult rat. 2013 , 218, 437-53		11
334	Differential effects of stress and glucocorticoids on adult neurogenesis. 2013 , 15, 139-64		60
333	Implications of Glioblastoma Stem Cells in Chemoresistance. 2013 , 435-462		
332	Disruption of neurogenesis by hypothalamic inflammation in obesity or aging. 2013 , 14, 351-6		23
331	Antidepressants for neuro-regeneration: from depression to Alzheimer's disease. 2013 , 36, 1279-90		23
330	Sleep and adult neurogenesis: implications for cognition and mood. 2015 , 25, 151-81		35
329	Environmental enrichment restores neurogenesis and rapid acquisition in aged rats. 2013 , 34, 263-74		106
328	The hormone therapy, Premarin, impairs hippocampus-dependent spatial learning and memory and reduces activation of new granule neurons in response to memory in female rats. 2013 , 34, 986-1004		30
327	Neural plasticity and stress coping in teleost fishes. 2013 , 181, 25-34		73
326	17 Estradiol, but not estrone, increases the survival and activation of new neurons in the hippocampus in response to spatial memory in adult female rats. 2013 , 63, 144-57		79
325	Dynamics of olfactory and hippocampal neurogenesis in adult sheep. 2013 , 521, 169-88		41
324	Neuron survival: say it with Flowers. 2013 , 23, R613-5		3
323	Hippocampal dosimetry predicts neurocognitive function impairment after fractionated stereotactic radiotherapy for benign or low-grade adult brain tumors. 2013 , 85, 348-54		187
322	microRNAs and the regulation of neuronal plasticity under stress conditions. <i>Neuroscience</i> , 2013 , 241, 188-205	3.9	50
321	Zinc regulation of transcriptional activity during retinoic acid-induced neuronal differentiation. 2013 , 24, 1940-4		15

(2013-2013)

320	PPARIactivation prevents impairments in spatial memory and neurogenesis following transient illness. 2013 , 29, 28-38		45
319	Adult hippocampal neurogenesis, Rho kinase inhibition and enhancement of neuronal survival. <i>Neuroscience</i> , 2013 , 247, 75-83	3.9	21
318	Numerical analysis of age and gender-dependent neuronal cells in postnatal development of rat hippocampus. 2013 , 19, 19-28		1
317	Functional circuits of new neurons in the dentate gyrus. 2013 , 7, 15		85
316	The persistent effects of maternal infection on the offspring's cognitive performance and rates of hippocampal neurogenesis. 2013 , 44, 279-89		5
315	Huperzine A promotes hippocampal neurogenesis in vitro and in vivo. 2013 , 1506, 35-43		52
314	Hippocampal neurogenesis and forgetting. 2013 , 36, 497-503		154
313	Hypothalamic neurogenesis in the adult brain. 2013 , 34, 167-78		56
312	Long-lasting neurotoxic effects of exposure to methylmercury during development. 2013 , 273, 490-7		77
311	GPCRs in stem cell function. 2013 , 115, 175-216		16
310	Systemic Neural Stem Cell-Based Therapeutic Interventions for Inflammatory CNS Disorders. 2013,		4
309	Long-term exercise is needed to enhance synaptic plasticity in the hippocampus. 2013 , 20, 642-7		67
308	Role of neural precursor cells in promoting repair following stroke. 2013 , 34, 78-90		48
307	Astrocytes reassessment - an evolving concept part one: embryology, biology, morphology and reactivity. 2013 , 1, 18		10
306	Neural Stem Cells Among Glia. 2013 , 685-705		5
305	Emerging Roles for Hippocampal Adult Neural Stem Cells in Memory. 2013 , 2, 1-39		
304	Impact of lipid nutrition on neural stem/progenitor cells. 2013, 2013, 973508		14
303	Astrocyte fatty acid binding protein-7 is a marker for neurogenic niches in the rat hippocampus. 2013 , 23, 1476-83		16

302	Genetic control of adult neurogenesis: interplay of differentiation, proliferation and survival modulates new neurons function, and memory circuits. 2013 , 7, 59	23
301	Hippocampus-dependent learning influences hippocampal neurogenesis. 2013, 7, 57	62
300	Temporal features of adult neurogenesis: differences and similarities across mammalian species. 2013 , 7, 135	32
299	Desvenlafaxine may accelerate neuronal maturation in the dentate gyri of adult male rats. 2014 , 9, e98530	6
298	Gene regulatory network analysis reveals differences in site-specific cell fate determination in mammalian brain. 2014 , 8, 437	14
297	The functional significance of cortical reorganization and the parallel development of CI therapy. 2014 , 8, 396	33
296	Neuronal death and rescue: neurotrophic factors and anti-apoptotic mechanisms. 255-273	
295	Adult neurogenesis and neural precursors, progenitors, and stem cells in the adult central nervous system. 283-300	
294	Neurogenesis and the Brain: Recent Perspectives and Some Clinical Implications. 2014 , 26, 1-11	
293	. 2014,	
293	. 2014, Physical exercise-induced adult neurogenesis: a good strategy to prevent cognitive decline in neurodegenerative diseases?. 2014, 2014, 403120	68
	Physical exercise-induced adult neurogenesis: a good strategy to prevent cognitive decline in	68
292	Physical exercise-induced adult neurogenesis: a good strategy to prevent cognitive decline in neurodegenerative diseases?. 2014 , 2014, 403120 Growth/differentiation factor 15 promotes EGFR signalling, and regulates proliferation and	
292 291	Physical exercise-induced adult neurogenesis: a good strategy to prevent cognitive decline in neurodegenerative diseases?. 2014 , 2014, 403120 Growth/differentiation factor 15 promotes EGFR signalling, and regulates proliferation and migration in the hippocampus of neonatal and young adult mice. 2014 , 141, 773-83	31
292 291 290	Physical exercise-induced adult neurogenesis: a good strategy to prevent cognitive decline in neurodegenerative diseases?. 2014, 2014, 403120 Growth/differentiation factor 15 promotes EGFR signalling, and regulates proliferation and migration in the hippocampus of neonatal and young adult mice. 2014, 141, 773-83 Adult hippocampal neurogenesis and its role in cognition. 2014, 5, 573-587 Lactation-induced reduction in hippocampal neurogenesis is reversed by repeated stress exposure.	31 60
292 291 290 289	Physical exercise-induced adult neurogenesis: a good strategy to prevent cognitive decline in neurodegenerative diseases?. 2014, 2014, 403120 Growth/differentiation factor 15 promotes EGFR signalling, and regulates proliferation and migration in the hippocampus of neonatal and young adult mice. 2014, 141, 773-83 Adult hippocampal neurogenesis and its role in cognition. 2014, 5, 573-587 Lactation-induced reduction in hippocampal neurogenesis is reversed by repeated stress exposure. 2014, 24, 673-83	31 60 36
292 291 290 289	Physical exercise-induced adult neurogenesis: a good strategy to prevent cognitive decline in neurodegenerative diseases?. 2014, 2014, 403120 Growth/differentiation factor 15 promotes EGFR signalling, and regulates proliferation and migration in the hippocampus of neonatal and young adult mice. 2014, 141, 773-83 Adult hippocampal neurogenesis and its role in cognition. 2014, 5, 573-587 Lactation-induced reduction in hippocampal neurogenesis is reversed by repeated stress exposure. 2014, 24, 673-83 Differences in amygdala cell proliferation between adolescent and young adult rats. 2014, 56, 517-28 Allopregnanolone as regenerative therapeutic for Alzheimer's disease: translational development	31 60 36

(2015-2014)

284	Impact of hippocampal neuronal ablation on neurogenesis and cognition in the aged brain. <i>Neuroscience</i> , 2014 , 259, 214-22	3.9	26	
283	Stress, glucocorticoid receptors, and adult neurogenesis: a balance between excitation and inhibition?. 2014 , 71, 2499-515		78	
282	Time-dependent enhancement of hippocampus-dependent memory after treatment with memantine: Implications for enhanced hippocampal adult neurogenesis. 2014 , 24, 784-93		37	
281	Different subsets of newborn granule cells: a possible role in epileptogenesis?. 2014 , 39, 1-11		41	
280	Entorhinal cortex and consolidated memory. 2014 , 84, 27-33		46	
279	Stress modulation of hippocampal activityspotlight on the dentate gyrus. 2014 , 112, 53-60		39	
278	Effects of chronic oestradiol, progesterone and medroxyprogesterone acetate on hippocampal neurogenesis and adrenal mass in adult female rats. 2014 , 26, 386-99		47	
277	Zinc chelation reduces traumatic brain injury-induced neurogenesis in the subgranular zone of the hippocampal dentate gyrus. 2014 , 28, 474-81		29	
276	Why and how to spare the hippocampus during brain radiotherapy: the developing role of hippocampal avoidance in cranial radiotherapy. 2014 , 9, 139		83	
275	Hes1, a Notch signaling downstream target, regulates adult hippocampal neurogenesis following traumatic brain injury. 2014 , 1583, 65-78		36	
274	Soft-diet feeding after weaning affects behavior in mice: Potential increase in vulnerability to mental disorders. <i>Neuroscience</i> , 2014 , 263, 257-68	3.9	18	
273	Neurologic impairment following closed head injury predicts post-traumatic neurogenesis. 2014 , 261, 156-62		16	
272	MicroRNA-124 and -137 cooperativity controls caspase-3 activity through BCL2L13 in hippocampal neural stem cells. 2015 , 5, 12448		53	
271	Isolation and Identification of Neural Stem/Progenitor Cells. 2015 , 85-100			
270	Beyond the Stress Concept: Allostatic Load Developmental Biological and Cognitive Perspective. 2015 , 578-628		14	
269	Adult Neurogenesis in the Subventricular Zone and Migration to the Olfactory Bulb. 2015 , 183-208		4	
268	Stress Increases the Negative Effects of Chronic Pain on Hippocampal Neurogenesis. 2015 , 121, 1078-10	088	22	
267	Control of the Normal and Pathological Development of Neural Stem and Progenitor Cells by the PC3/Tis21/Btg2 and Btg1 Genes. 2015 , 230, 2881-90		21	

266	Neurocognitive Deficits After Radiation Therapy for Brain Malignancies. 2015 , 38, 634-40		45
265	Control of the Cell Cycle in Adult Neurogenesis and its Relation with Physical Exercise. 2015 , 1, 41-54		14
264	From Physiome to Pathome: A Systems Biology Model of Major Depressive Disorder and the Psycho-Immune-Neuroendocrine Network. 2015 , 11, 32-62		10
263	What's New in Traumatic Brain Injury: Update on Tracking, Monitoring and Treatment. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 11903-65	6.3	50
262	Impact of age-related neuroglial cell responses on hippocampal deterioration. 2015, 7, 57		60
261	Behavioral experience induces zif268 expression in mature granule cells but suppresses its expression in immature granule cells. 2015 , 9, 118		14
260	Adult hippocampal neurogenesis and pattern separation in DG: a role for feedback inhibition in modulating sparseness to govern population-based coding. 2015 , 9, 120		35
259	Matching Diabetes and Alcoholism: Oxidative Stress, Inflammation, and Neurogenesis Are Commonly Involved. 2015 , 2015, 624287		15
258	Role of Trisomy 21 Mosaicism in Sporadic and Familial Alzheimer's Disease. 2016 , 13, 7-17		29
257	Downregulation of survivin regulates adult hippocampal neurogenesis and apoptosis, and inhibits spatial learning and memory following traumatic brain injury. <i>Neuroscience</i> , 2015 , 300, 219-28	3.9	11
256	Evaluating the functional state of adult-born neurons in the adult dentate gyrus of the hippocampus: from birth to functional integration. 2015 , 26, 269-79		9
255	Hippocampal Neurogenesis in Neurodegenerative Movement Disorders. 2015 , 79-105		
254	The History and Design of Assays for the Identification and Characterization of Neural Stem Cells. 2015 , 9-24		
253	Role of adult hippocampal neurogenesis in cognition in physiology and disease: pharmacological targets and biomarkers. 2015 , 228, 99-155		30
252	Central Nervous System. 2015 , 415-435		1
251	Insights into Aging of the Hippocampus: A View from the Topographic Differentiation. 2015 , 243-256		
250	Expioids and Neurogenesis. 2015 , 389-398		
249	Expression of DNMT1 in neural stem/precursor cells is critical for survival of newly generated neurons in the adult hippocampus. 2015 , 95, 1-11		31

248	Neuronal analysis and behaviour in prenatally gamma-irradiated rats. 2015 , 35, 45-55	12
247	Chronic stress and brain plasticity: Mechanisms underlying adaptive and maladaptive changes and implications for stress-related CNS disorders. 2015 , 58, 79-91	134
246	Effects of long-term methylphenidate treatment in adolescent and adult rats on hippocampal shape, functional connectivity and adult neurogenesis. <i>Neuroscience</i> , 2015 , 309, 243-58	20
245	Classic and novel stem cell niches in brain homeostasis and repair. 2015 , 1628, 327-342	70
244	Changes in adult neurogenesis in the hippocampus during depressive disorders in humans. 2015 , 9, 8-12	2
243	The role of cannabinoids in adult neurogenesis. 2015 , 172, 3950-63	73
242	Effects of ECT in treatment of depression: study protocol for a prospective neuroradiological study of acute and longitudinal effects on brain structure and function. 2015 , 15, 94	14
241	NT3-chitosan elicits robust endogenous neurogenesis to enable functional recovery after spinal cord injury. 2015 , 112, 13354-9	122
240	Neurogenesis in the Adult Hippocampus. 2015 , 7, a018812	475
239	Changes in hippocampal neurogenesis throughout early development. 2015 , 36, 365-79	26
238	Aging Mechanisms. 2015,	3
237	Neural Stem Cells in Development, Adulthood and Disease. 2015 ,	1
236	Hippocampal ER stress and learning deficits following repeated pyrethroid exposure. 2015 , 143, 220-8	42
235	Prior high corticosterone exposure reduces activation of immature neurons in the ventral hippocampus in response to spatial and nonspatial memory. 2015 , 25, 329-44	32
235		32 27
	hippocampus in response to spatial and nonspatial memory. 2015 , 25, 329-44 The effect of simvastatin treatment on proliferation and differentiation of neural stem cells after	
234	hippocampus in response to spatial and nonspatial memory. 2015 , 25, 329-44 The effect of simvastatin treatment on proliferation and differentiation of neural stem cells after traumatic brain injury. 2015 , 1602, 1-8	

230	The Maternal Brain: Short- and Long-Term Effects of Reproductive Experience on Hippocampus Structure and Function in Adulthood. 2016 , 197-220	4
229	What Are Neural Stem Cells, and Why Are They Important?. 2016 , 4,	1
228	Transgenic mouse models for studying adult neurogenesis. 2016 , 11, 151-167	22
227	Bioorthogonal chemical imaging of metabolic activities in live mammalian hippocampal tissues with stimulated Raman scattering. 2016 , 6, 39660	41
226	Effects of Methylphenidate and Atomoxetine on Development of the Brain. 2016, 825-845	1
225	Suppression of adult hippocampal neurogenesis due to Wnt3a lentivirus transduction. 2016 , 10, 280-287	1
224	Role of the Retinoblastoma protein, Rb, during adult neurogenesis in the olfactory bulb. 2016 , 6, 20230	17
223	Ly6C(hi) Monocytes Provide a Link between Antibiotic-Induced Changes in Gut Microbiota and Adult Hippocampal Neurogenesis. 2016 , 15, 1945-56	249
222	Tanshinone I Enhances Neurogenesis in the Mouse Hippocampal Dentate Gyrus via Increasing Wnt-3, Phosphorylated Glycogen Synthase Kinase-3 and Ecatenin Immunoreactivities. 2016 , 41, 1958-68	15
221	Hippocampal adult neurogenesis: Its regulation and potential role in spatial learning and memory. 2016 , 1644, 127-40	75
220	Cell type- and region-specific enhancement of adult hippocampal neurogenesis by daidzein in middle-aged female mice. 2016 , 111, 92-106	9
219	Thyroid hormones are essential to preserve non-proliferative cells of adult neurogenesis of the dentate gyrus. 2016 , 76, 1-10	13
218	Chronic maternal morphine alters calbindin D-28k expression pattern in postnatal mouse brain. 2016 , 70, 15-23	9
217	Selective noradrenaline depletion impairs working memory and hippocampal neurogenesis. 2016 , 48, 93-102	34
216	On the Role of Neurogenesis and Neural Plasticity in the Evolution of Animal Personalities and Stress Coping Styles. 2016 , 87, 167-174	16
215	Neurogenesis and neuroinflammation: The role of Wnt proteins. 2016 , 10, 1-6	2
214	Age, environment, object recognition and morphological diversity of GFAP-immunolabeled astrocytes. 2016 , 12, 28	27
213	Zinc plus cyclo-(His-Pro) promotes hippocampal neurogenesis in rats. <i>Neuroscience</i> , 2016 , 339, 634-643 3.9	13

(2017-2016)

Typical and Atypical Brain Development Across the Life Span in a Neural Network Model of 212 Psychopathology. 2016, 1-75 Molar loss and powder diet leads to memory deficit and modifies the mRNA expression of 211 20 brain-derived neurotrophic factor in the hippocampus of adult mice. 2016, 17, 81 Ovarian hormones, but not fluoxetine, impart resilience within a chronic unpredictable stress 210 42 model in middle-aged female rats. **2016**, 107, 278-293 Hippocampal dysfunction and cognitive impairment in Fragile-X Syndrome. 2016, 68, 563-574 209 39 Hypertension and the Brain as an End-Organ Target. 2016, 208 3 Cognitive Dysfunction and Dementia in Animal Models of Hypertension. 2016, 71-97 207 2 206 The effects of hormones and physical exercise on hippocampal structural plasticity. 2016, 41, 23-43 49 Neuronal nitric oxide synthase contributes to pentylenetetrazole-kindling-induced hippocampal 16 205 neurogenesis. 2016, 121, 138-47 Aging affects new cell production in the adult hippocampus: A quantitative anatomic review. 2016, 204 17 76, 64-72 Neurogenesis in the Adult Brain. 2016, 134-140 203 Severely impaired hippocampal neurogenesis associates with an early serotonergic deficit in a BAC 202 58 Elynuclein transgenic rat model of Parkinson's disease. 2016, 85, 206-217 Adult Hippocampal Neurogenesis, Fear Generalization, and Stress. 2016, 41, 24-44 201 113 Impact of melatonin receptor-signaling on Zeitgeber time-dependent changes in cell proliferation 200 12 and apoptosis in the adult murine hippocampus. 2017, 27, 495-506 Quercetin-3-O-glucuronide promotes the proliferation and migration of neural stem cells. 2017, 52, 39-52 199 37 Modulation of Aversive Memory by Adult Hippocampal Neurogenesis. 2017, 14, 646-661 198 27 The effects of aging in the hippocampus and cognitive decline. 2017, 79, 66-86 186 197 Neurogenesis and pattern separation: time for a divorce. 2017, 8, e1427 18 196 You Need Guts to Make New Neurons. 2017, 4, 353-360 195

194 Early Tool-Making and the Evolution of Human Memory Systems in the Brain. **2017**, 61-120

193	Early Evolution of Human Memory. 2017 ,	4
192	Early survival and delayed death of developmentally-born dentate gyrus neurons. 2017, 27, 1155-1167	34
191	Whole-Body Exposure to Si-Radiation Dose-Dependently Disrupts Dentate Gyrus Neurogenesis and Proliferation in the Short Term and New Neuron Survival and Contextual Fear Conditioning in the Long Term. 2017 , 188, 532-551	34
190	Estrogen-dependent modifications to hippocampal plasticity in paternal California mice (Peromyscus californicus). 2017 , 96, 147-155	11
189	Long-term effects of autoimmune CNS inflammation on adult hippocampal neurogenesis. 2017 , 95, 1446-14	· 58 16
188	Adult Neurogenesis and Synaptic Rewiring in the Hippocampal Dentate Gyrus. 2017, 389-408	
187	Imposed running exercise does not alter cell proliferation in the neurogenic niches of young lambs. 2017 , 95, 4381-4390	4
186	Indomethacin Increases Neurogenesis across Age Groups and Improves Delayed Probe Trial Difference Scores in Middle-Aged Rats. 2017 , 9, 280	8
185	Doublecortin in Oligodendrocyte Precursor Cells in the Adult Mouse Brain. 2017 , 11, 143	15
184	Adult Neurogenesis in Sheep: Characterization and Contribution to Reproduction and Behavior. 2017 , 11, 570	12
183	Targeting Adult Neurogenesis for Poststroke Therapy. 2017 , 2017, 5868632	31
182	Multitype Bellman-Harris branching model provides biological predictors of early stages of adult hippocampal neurogenesis. 2017 , 11, 90	12
181	Function and Evolution of the Reptilian Cerebral Cortex. 2017 , 491-518	5
180	Hormone Regulation of Neurogenesis Across the Lifespan. 2017 , 373-410	
179	Systemic delivery of BACE1 siRNA through neuron-targeted nanocomplexes for treatment of Alzheimer's disease. 2018 , 279, 220-233	45
178	The role of inflammation in subventricular zone cancer. 2018 , 170, 37-52	9
177	Seasonal reorganization of hypothalamic neurogenic niche in adult sheep. 2018 , 223, 91-109	15

(2018-2018)

176	In vivo migration of endogenous brain progenitor cells guided by an injectable peptide amphiphile biomaterial. 2018 , 12, e2123-e2133	23
175	Rufinamide, an antiepileptic drug, improves cognition and increases neurogenesis in the aged gerbil hippocampal dentate gyrus via increasing expressions of IGF-1, IGF-1R and p-CREB. 2018 , 286, 71-77	8
174	Agmatine inhibits chronic morphine exposure-induced impairment of hippocampal neural progenitor proliferation in adult rats. 2018 , 818, 50-56	7
173	Aberrant plasticity in the hippocampus after neonatal seizures. 2018 , 128, 384-391	1
172	Neural basis of major depressive disorder: Beyond monoamine hypothesis. 2018 , 72, 3-12	144
171	Development of whole brain versus targeted dentate gyrus irradiation model to explain low to moderate doses of exposure effects in mice. 2018 , 8, 17262	2
170	N-palmitoylethanolamide Prevents Parkinsonian Phenotypes in Aged Mice. 2018 , 55, 8455-8472	15
169	Inhibition of NADPH Oxidase Activation by Apocynin Rescues Seizure-Induced Reduction of Adult Hippocampal Neurogenesis. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	18
168	Adult Hippocampal Neurogenesis: A Coming-of-Age Story. 2018 , 38, 10401-10410	70
167	On the Viability and Potential Value of Stem Cells for Repair and Treatment of Central Neurotrauma: Overview and Speculations. 2018 , 9, 602	10
166	Adult mammalian neurogenesis and motivated behaviors. 2018 , 13, 655-672	5
165	Dorsal and ventral hippocampal adult-born neurons contribute to context fear memory. 2018 , 43, 2487-2496	38
164	Role of the immune response in initiating central nervous system regeneration in vertebrates: learning from the fish. 2018 , 62, 403-417	10
163	Premarin has opposing effects on spatial learning, neural activation, and serum cytokine levels in middle-aged female rats depending on reproductive history. 2018 , 70, 291-307	16
162	Hippocampal Mechanisms Underlying Impairment in Spatial Learning Long After Establishment of Noise-Induced Hearing Loss in CBA Mice. 2018 , 12, 35	23
161	Effect of Vitamin D in HN9.10e Embryonic Hippocampal Cells and in Hippocampus from MPTP-Induced Parkinson's Disease Mouse Model. 2018 , 12, 31	7
160	EAAC1 gene deletion reduces adult hippocampal neurogenesis after transient cerebral ischemia. 2018 , 8, 6903	8
159	Noradrenergic Hypothesis Linking Neurodegeneration-Based Cognitive Decline and Astroglia. 2018 , 11, 254	32

158	Increased Synthesis of Chondroitin Sulfate Proteoglycan Promotes Adult Hippocampal Neurogenesis in Response to Enriched Environment. 2018 , 38, 8496-8513		16
157	Cannabinoid signalling in embryonic and adult neurogenesis: possible implications for psychiatric and neurological disorders. 2019 , 31, 1-16		14
156	A role for hippocampal adult neurogenesis in shifting attention toward novel stimuli. 2019 , 376, 112152		5
155	Potential link between antidepressant-like effects of ketamine and promotion of adult neurogenesis in the ventral hippocampus of mice. 2019 , 158, 107710		32
154	Stem Cells Heterogeneity in Different Organs. 2019,		3
153	Omega-3 Docosahexaenoic Acid Is a Mediator of Fate-Decision of Adult Neural Stem Cells. International Journal of Molecular Sciences, 2019 , 20,	5.3	7
152	Functions of subventricular zone neural precursor cells in stroke recovery. 2019 , 376, 112209		4
151	Physical Activity and Brain Health. 2019 , 10,		76
150	Salmeterol, a 🛭 Adrenergic Agonist, Promotes Adult Hippocampal Neurogenesis in a Region-Specific Manner. 2019 , 10, 1000		13
149	Changes in pyramidal and granular neuron numbers in the rat hippocampus 7 days after exposure to a continuous 900-MHz electromagnetic field during early and mid-adolescence. 2019 , 101, 101681		2
148	Adult neurogenesis in the mouse dentate gyrus protects the hippocampus from neuronal injury following severe seizures. 2019 , 29, 683-709		17
147	Molecular Technology for Injured Brain Regeneration. 2019 , 71-85		
146	Induction of typical and atypical neurogenesis in the adult substantia nigra after mouse embryonic stem cells transplantation. <i>Neuroscience</i> , 2019 , 408, 308-326	3.9	3
145	Adult Neurogenesis and Stress. 2019 , 79-92		1
144	Continual lifelong learning with neural networks: A review. 2019 , 113, 54-71		562
143	Sustained somatostatin gene expression reverses kindling-induced increases in the number of dividing Type-1 neural stem cells in the hippocampi of behaviorally responsive rats. 2019 , 150, 78-94		3
142	Dentate gyrus neurons that are born at the peak of development, but not before or after, die in adulthood. 2019 , 9, e01435		16
141	EphA4 Regulates Hippocampal Neural Precursor Proliferation in the Adult Mouse Brain by d-Serine Modulation of N-Methyl-d-Aspartate Receptor Signaling. 2019 , 29, 4381-4397		8

(2021-2020)

140	No Evidence of Neurogenesis in Adult Rat Sympathetic Ganglia Following Guanethidine-Induced Neuronal Loss. 2020 , 48, 228-237		5
139	Adult Neurogenesis in the Context of Brain Repair and Functional Relevance. 2020 , 29, 544-554		O
138	GABA-A receptor modulating steroids in acute and chronic stress; relevance for cognition and dementia?. <i>Neurobiology of Stress</i> , 2020 , 12, 100206	7.6	6
137	Effects of social defeat stress and fluoxetine treatment on neurogenesis and behavior in mice that lack zinc transporter 3 (ZnT3) and vesicular zinc. 2020 , 30, 623-637		9
136	Beyond the Hippocampus and the SVZ: Adult Neurogenesis Throughout the Brain. 2020 , 14, 576444		34
135	Quantitative characterization of proliferative cells subpopulations in the hilus of the hippocampus of adult Wistar rats: an integrative study. 2020 , 51, 437-453		4
134	Histone Lysine Demethylase JMJD2D/KDM4D and Family Members Mediate Effects of Chronic Social Defeat Stress on Mouse Hippocampal Neurogenesis and Mood Disorders. 2020 , 10,		О
133	Cell Proliferation in the Adult Chicken Hippocampus Correlates With Individual Differences in Time Spent in Outdoor Areas and Tonic Immobility. 2020 , 7, 587		2
132	Adult-Born Hippocampal Neurons Undergo Extended Development and Are Morphologically Distinct from Neonatally-Born Neurons. 2020 , 40, 5740-5756		23
131	Neurogenesis in the damaged mammalian brain. 2020 , 523-597		O
130	Neural stem cells among glia. 2020 , 775-806		О
129	Allopregnanolone Promotes Neuronal and Oligodendrocyte Differentiation In Vitro and In Vivo: Therapeutic Implication for Alzheimer's Disease. 2020 , 17, 1813-1824		6
128	Function and Evolution of the Reptilian Cerebral Cortex. 2020, 213-245		2
127	Hydroxytyrosol stimulates neurogenesis in aged dentate gyrus by enhancing stem and progenitor cell proliferation and neuron survival. 2020 , 34, 4512-4526		12
126	Epothilone D alters normal growth, viability and microtubule dependent intracellular functions of cortical neurons in vitro. 2020 , 10, 918		7
125	Altered Dentate Gyrus Microstructure in Individuals at High Familial Risk for Depression Predicts Future Symptoms. 2021 , 6, 50-58		2
124	Thyroid hormone regulation of adult neural stem cell fate: A comparative analysis between rodents and primates. 2021 , 116, 133-192		0
123	Sex and sex hormone differences in hippocampal neurogenesis and their relevance to Alzheimer disease. 2021 , 23-77		O

122	Widespread Doublecortin Expression in the Cerebral Cortex of the. 2021 , 15, 656882	О
121	Adult Hippocampal Neurogenesis in Aging and Alzheimer's Disease. 2021 , 16, 681-693	25
120	Role of agmatine in the application of neural progenitor cell in central nervous system diseases: therapeutic potentials and effects. 2021 , 54, 143-151	1
119	Role of NMDA Receptors in Adult Neurogenesis and Normal Development of the Dentate Gyrus. 2021 , 8,	1
118	Adult Neurogenesis and Stroke: A Tale of Two Neurogenic Niches. 2021, 15, 700297	5
117	The PSA-NCAM-Positive "Immature" Neurons: An Old Discovery Providing New Vistas on Brain Structural Plasticity. <i>Cells</i> , 2021 , 10,	3
116	Adult hippocampal neurogenesis in the context of lipopolysaccharide-induced neuroinflammation: A molecular, cellular and behavioral review. 2021 , 97, 286-302	3
115	Targeting impaired adult hippocampal neurogenesis in ageing by leveraging intrinsic mechanisms regulating Neural Stem Cell activity. 2021 , 71, 101447	2
114	Adult Bone Marrow Transplantation after Stroke in Adult Rats. 2001, 10, 31-40	89
113	Brain Macrophages: Enigmas and Conundrums. 129-165	3
112	Cell Cycle and Chromosome Segregation Defects in Alzheimer Disease. 2005, 55-78	2
111	Methylmercury and Neural Stem Cells. 2012 , 287-302	1
110	Angiogenesis and Functional Recovery After Traumatic Brain Injury. 2014 , 141-156	3
109	Heterogeneity of Stem Cells in the Hippocampus. 2019 , 1169, 31-53	5
108	Hippocampal Neurogenesis and Forgetting. 2017 , 95-121	1
107	What Is Stress?. 2012 , 11-29	3
106	Neurogenesis in the Adult Brain: Prospects for Brain Repair. 1997 , 87-100	4
105	Neuronal stem cells and adult neurogenesis. 2002 , 17-28	6

104	Fate Specification of Neural Stem Cells. 2011 , 87-107	3
103	Neurogenesis in Monkey and Human Adult Brain. 2011 , 1-21	1
102	Neurogenesis in the Damaged Mammalian Brain. 2013 , 551-608	5
101	Physiology and Plasticity. 2016 , 19-40	3
100	Endoscopically Harvested Stem Cells: A Putative Method in Future Autotransplantation. 2005, 57, 779-784	4
99	Non-proliferative adult neurogenesis in neural crest-derived stem cells isolated from human periodontal ligament.	1
98	Dentate gyrus neurons that are born at the peak of development, but not before or after, die in adulthood.	2
97	Adult-born hippocampal neurons undergo extended development and are morphologically distinct from neonatally-born neurons.	1
96	Sex Differences in Maturation and Attrition of Adult Neurogenesis in the Hippocampus.	3
95	Principles of Cognitive Rehabilitation in Traumatic Brain Injury. 2010 , 549-581	6
94	Mitochondrial fragmentation is involved in methamphetamine-induced cell death in rat hippocampal neural progenitor cells. 2009 , 4, e5546	60
93	Olfactory enrichment influences adult neurogenesis modulating GAD67 and plasticity-related molecules expression in newborn cells of the olfactory bulb. 2009 , 4, e6359	44
92	Cholera toxin regulates a signaling pathway critical for the expansion of neural stem cell cultures from the fetal and adult rodent brains. 2010 , 5, e10841	17
91	Differential regulation of the variations induced by environmental richness in adult neurogenesis as a function of time: a dual birthdating analysis. 2010 , 5, e12188	34
90	When are new hippocampal neurons, born in the adult brain, integrated into the network that processes spatial information?. 2011 , 6, e17689	25
89	Early natural stimulation through environmental enrichment accelerates neuronal development in the mouse dentate gyrus. 2012 , 7, e30803	25
88	Zinc chelation reduces hippocampal neurogenesis after pilocarpine-induced seizure. 2012 , 7, e48543	29
87	Late maturation of adult-born neurons in the temporal dentate gyrus. 2012 , 7, e48757	73

86	Cortical endogenic neural regeneration of adult rat after traumatic brain injury. 2013, 8, e70306	18
85	A mid-life vitamin A supplementation prevents age-related spatial memory deficits and hippocampal neurogenesis alterations through CRABP-I. 2013 , 8, e72101	29
84	Hippocampal neurogenesis levels predict WATERMAZE search strategies in the aging brain. 2013 , 8, e75125	80
83	Epileptogenesis following Kainic Acid-Induced Status Epilepticus in Cyclin D2 Knock-Out Mice with Diminished Adult Neurogenesis. 2015 , 10, e0128285	16
82	Aging and Exercise Affect Hippocampal Neurogenesis via Different Mechanisms. 2015, 10, e0132152	27
81	Carbon Monoxide Releasing Molecule-A1 (CORM-A1) Improves Neurogenesis: Increase of Neuronal Differentiation Yield by Preventing Cell Death. 2016 , 11, e0154781	17
80	Functional Integration of Adult-Born Hippocampal Neurons after Traumatic Brain Injury(1,2,3). 2015 , 2,	47
79	Sex Differences in Maturation and Attrition of Adult Neurogenesis in the Hippocampus. 2020 , 7,	20
78	Neurovascular signals suggest a propagation mechanism for endogenous stem cell activation along blood vessels. 2012 , 11, 805-17	10
77	On aerobic exercise and behavioral and neural plasticity. 2012 , 2, 709-44	25
76	Adult neurogenesis in the four-striped mice (Rhabdomys pumilio). <i>Neural Regeneration Research</i> , 2014 , 9, 1907-11	7
75	Exogenous neural stem cell transplantation for cerebral ischemia. <i>Neural Regeneration Research</i> , 2019 , 14, 1129-1137	24
74	Glioblastoma multiforme: a perspective on recent findings in human cancer and mouse models. 2011 , 44, 158-64	46
73	Delayed gratification in the adult brain. 2020 , 9,	2
72	The Capabilities and Characteristics of Helical Tomotherapy and Co-Planar Dual Arcs Volumetric-Modulated arc Therapy Associated with Hippocampal Sparing During Prophylactic Cranial Irradiation. 2021 , 20, 15330338211043975	Ο
71	Biomaterial Strategies for Restorative Therapies in Parkinson's Disease. 2021 , 12, 4224-4235	2
7º	An assessment of the existence of adult neurogenesis in humans and value of its rodent models for neuropsychiatric diseases. 2021 ,	3
69	Neuronal degeneration and reorganization: a mutual principle in pathological and in healthy interactions of limbic and prefrontal circuits. 2000 , 315-33	8

68 References. 2001, 192-224 Adult Neurogenesis in the Mammalian Brain. 2002, 779-798 67 Bibliography. 2004, 388-457 66 Neural Stem Cells: On Where They Hide, in Which Disguise, and How We May Lure Them Out. 2006, 319-360 65 Lentiviral Vectors Mediate Efficient and Stable Gene Transfer in Adult Neural Stem Cells In Vivo. 64 2006, 060801084750007 Cell Proliferation. 2006, 9-26 63 62 Neurogĥese no crebro adulto e na condib epilbtica. 2007, 13, 119-123 Reelin and Stroke. 2008, 411-420 61 Neural Stem Cells in Experimental Mesial Temporal Lobe Epilepsy. Neuromethods, 2009, 251-264 60 0.4 Potential of regenerative medicine for repairing the injured brain without cell transplantation. 59 2009, 53, 103-107 Adult Neurogenesis, Neuroinflammation, and Therapeutic Potential of Adult Neural Stem Cells. 58 2009, 255-268 Neurobiology of Postischemic Recuperation in the Aged Mammalian Brain. 2009, 403-451 57 56 Neurogenesis: A Change of Paradigms. 2010, 11-33 2 Sudden Epileptic Death in Experimental Animal Models. 2010, Serotonergic Control of Adult Neurogenesis: Focus on 5-HT2C Receptors. Receptors, 2011, 169-185 54 Dietary Zinc and the Brain. **2011**, 2357-2373 53 Stem Cells Like Astrocytes: Various Roles. 2012, 21-26 52 Roles of Innate Immunity and Inflammation in the Aging Brain. Oxidative Stress and Disease, 2011, 51

Adult Neurogenesis in Alzheimer® Disease and Therapies. 2012, 83-112 47 Adult Neurogenesis in Alzheimer® Disease and Therapies. 2012, 383-393 46 Efficacy of Transplant and Endogenous Precursor and Stem Cell Interventions on Stroke Recovery: A Critical Assessment. 2013, 47-61 45 Cellular-Based Therapies for Pediatric GI Motility Disorders. 2013, 493-505 44 Stem Cells and Aging. 2013, 363-373 43 Neurotoxicity of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) as a Parkinson® Disease Model. 2014, 933-951 44 Neuronal precursors in the brain of adult mammals. 1995, 221-234 45 Somatic Gene Transfer and Cell Transplantation Strategies for Neurodegenerative Diseases. 1998, 303-331 46 Trophic Factors in Experimental Models of Adult Central Nervous System Injury. Cerebral Cortex, 1999, 129-173 36 Neurobiology. 2016, 1-17 Cellular-Based Therapies for Paediatric GI Motility Disorders. 2017, 523-532
Adult Neurogenesis in Alzheimer® Disease and Therapies. 2012, 383-393 Efficacy of Transplant and Endogenous Precursor and Stem Cell Interventions on Stroke Recovery: A Critical Assessment. 2013, 47-61 Cellular-Based Therapies for Pediatric GI Motility Disorders. 2013, 493-505 Stem Cells and Aging. 2013, 363-373 Neurotoxicity of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) as a Parkinson® Disease Model. 2014, 933-951 Neuronal precursors in the brain of adult mammals. 1995, 221-234 Somatic Gene Transfer and Cell Transplantation Strategies for Neurodegenerative Diseases. 1998, 303-331 Trophic Factors in Experimental Models of Adult Central Nervous System Injury. Cerebral Cortex, 1999, 129-173 Neurobiology. 2016, 1-17
Efficacy of Transplant and Endogenous Precursor and Stem Cell Interventions on Stroke Recovery: A Critical Assessment. 2013, 47-61 Cellular-Based Therapies for Pediatric GI Motility Disorders. 2013, 493-505 Stem Cells and Aging. 2013, 363-373 Neurotoxicity of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) as a Parkinson® Disease Model. 2014, 933-951 Neuronal precursors in the brain of adult mammals. 1995, 221-234 Neuronal precursors in the brain of Ell Transplantation Strategies for Neurodegenerative Diseases. 1998, 303-331 Trophic Factors in Experimental Models of Adult Central Nervous System Injury. Cerebral Cortex, 1999, 129-173 Neurobiology. 2016, 1-17
A Critical Assessment. 2013, 47-61 Cellular-Based Therapies for Pediatric GI Motility Disorders. 2013, 493-505 Stem Cells and Aging. 2013, 363-373 Neurotoxicity of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) as a Parkinson® Disease Model. 2014, 933-951 Neuronal precursors in the brain of adult mammals. 1995, 221-234 Somatic Gene Transfer and Cell Transplantation Strategies for Neurodegenerative Diseases. 1998, 303-331 Trophic Factors in Experimental Models of Adult Central Nervous System Injury. Cerebral Cortex, 1999, 129-173 Neurobiology. 2016, 1-17
Stem Cells and Aging. 2013, 363-373 Neurotoxicity of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) as a Parkinson Disease Model. 2014, 933-951 Neuronal precursors in the brain of adult mammals. 1995, 221-234 Somatic Gene Transfer and Cell Transplantation Strategies for Neurodegenerative Diseases. 1998, 303-331 Trophic Factors in Experimental Models of Adult Central Nervous System Injury. Cerebral Cortex, 1999, 129-173 Neurobiology. 2016, 1-17
Neurotoxicity of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) as a Parkinson® Disease Model. 2014, 933-951 Neuronal precursors in the brain of adult mammals. 1995, 221-234 Somatic Gene Transfer and Cell Transplantation Strategies for Neurodegenerative Diseases. 1998, 303-331 Trophic Factors in Experimental Models of Adult Central Nervous System Injury. Cerebral Cortex, 1999, 129-173 Neurobiology. 2016, 1-17
Model. 2014, 933-951 Neuronal precursors in the brain of adult mammals. 1995, 221-234 Somatic Gene Transfer and Cell Transplantation Strategies for Neurodegenerative Diseases. 1998, 303-331 Trophic Factors in Experimental Models of Adult Central Nervous System Injury. Cerebral Cortex, 1999, 129-173 Neurobiology. 2016, 1-17
Somatic Gene Transfer and Cell Transplantation Strategies for Neurodegenerative Diseases. 1998, 303-331 Trophic Factors in Experimental Models of Adult Central Nervous System Injury. <i>Cerebral Cortex</i> , 1999, 129-173 Neurobiology. 2016, 1-17
Trophic Factors in Experimental Models of Adult Central Nervous System Injury. <i>Cerebral Cortex</i> , 1999 , 129-173 Neurobiology. 2016 , 1-17
1999, 129-173 39 Neurobiology. 2016, 1-17
Cellular-Based Therapies for Paediatric GI Motility Disorders. 2017 , 523-532
Early survival and delayed death of developmentally-born dentate gyrus neurons.
Premarin has opposing effects on spatial learning, neural activiation and serum cytokine levels in middle age dependent on reproductive history.
35 Deciphering defective subventricular adult neurogenesis in cyclin D2-deficient mice.
Effects of social defeat stress and fluoxetine treatment on neurogenesis and behaviour in mice that lack zinc transporter 3 (ZnT3) and vesicular zinc.
33 What Is Stress?. 2020 , 19-42

32	Assessment of Adult Hippocampal Neurogenesis: Implication for Neurodegenerative Diseases and Neurological Disorders. <i>Neuromethods</i> , 2021 , 77-92	0.4	
31	Change of Hypothalamic Adult Neurogenesis in Mice by Chronic Treatment of Antidepressant. SSRN Electronic Journal,	1	
30	Enhanced Neurogenesis Following Neurological Disease. 2006 , 195-206		
29	Neural Stem Cells. 2006 , 13-22		
28	Neuronal Precursor Proliferation and Epileptic Malformations of Cortical Development. 2006 , 309-318		
27	Mouse Models of Alzheimer∄ Disease. 2007 , 259-273		
26	Altern ist auch adulte Neurogenese Neue Nervenzellen f🛭 alternde Gehirne. 2008, 47-55		
25	Implications of adult hippocampal neurogenesis in antidepressant action. <i>Journal of Psychiatry and Neuroscience</i> , 2004 , 29, 196-205	4.5	130
24	Are there fetal stem cells in the maternal brain?. Neural Regeneration Research, 2013, 8, 593-8	4.5	
23	Impaired Generation of Transit-Amplifying Progenitors in the Adult Subventricular Zone of Cyclin D2 Knockout Mice <i>Cells</i> , 2022 , 11,	7.9	1
22	Effect of soluble amyloid precursor protein-alpha on adult hippocampal neurogenesis in a mouse model of Alzheimer's disease <i>Molecular Brain</i> , 2022 , 15, 5	4.5	1
21	Effect of Progranulin on Proliferation and Differentiation of Neural Stem/Progenitor Cells after Oxygen/Glucose Deprivation <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	
20	Change of hypothalamic adult neurogenesis in mice by chronic treatment of fluoxetine <i>BMC</i> Research Notes, 2022 , 15, 60	2.3	O
19	Glioblastoma microenvironment: The stromal interactions <i>Pathology Research and Practice</i> , 2022 , 232, 153813	3.4	1
18	The Learning Curve and Inter-Observer Variability in Contouring the Hippocampus under the Hippocampal Sparing Guidelines of Radiation Therapy Oncology Group 0933 <i>Current Oncology</i> , 2022 , 29, 2564-2574	2.8	O
17	Androgens and Adult Neurogenesis in the Hippocampus <i>Androgens: Clinical Research and Therapeutics</i> , 2021 , 2, 203-215	0.7	1
16	Early Life Events and Maturation of the Dentate Gyrus: Implications for Neurons and Glial Cells <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	О
15	Impact of stress on inhibitory neuronal circuits, our tribute to Bruce McEwen. <i>Neurobiology of Stress</i> , 2022 , 19, 100460	7.6	

14	Unexpected Consequences of Noise-Induced Hearing Loss: Impaired Hippocampal Neurogenesis, Memory, and Stress. <i>Frontiers in Integrative Neuroscience</i> , 2022 , 16,	3.2	2
13	Targeting hippocampal neurogenesis to protect astronautsLognition and mood from decline due to space radiation effects. 2022 ,		O
12	Microbiota-Gut-Brain Axis Regulation of Adult Hippocampal Neurogenesis. 2022, 1-23		3
11	Cell population dynamics in the course of adult hippocampal neurogenesis: Remaining unknowns.		1
10	Frontiers in Neurogenesis. 2022 , 11, 3567		0
9	The Autophagy Lysosomal Pathway: Friend or Foe in Adult Neural Stem Cells?. 2023 , 193-217		O
8	Neurogenesis in the Adult Brain. 2016 , 336-343		0
7	Neural Progenitor and Stem Cells in the Adult Central Nervous System. 2006 , 35, 814-820		О
7	Neural Progenitor and Stem Cells in the Adult Central Nervous System. 2006 , 35, 814-820 Oscillations in the dentate gyrus as a tool for the performance of the hippocampal functions: Healthy and epileptic brain. 2023 , 125, 110759		0
ĺ	Oscillations in the dentate gyrus as a tool for the performance of the hippocampal functions:		
6	Oscillations in the dentate gyrus as a tool for the performance of the hippocampal functions: Healthy and epileptic brain. 2023 , 125, 110759		0
6 5	Oscillations in the dentate gyrus as a tool for the performance of the hippocampal functions: Healthy and epileptic brain. 2023, 125, 110759 The Role of the Dentate Gyrus in Mediating Hippocampal Functions: The Epileptic Brain. Enriched environment can reverse chronic sleep deprivation-induced damage to cellular plasticity		0
6 5 4	Oscillations in the dentate gyrus as a tool for the performance of the hippocampal functions: Healthy and epileptic brain. 2023, 125, 110759 The Role of the Dentate Gyrus in Mediating Hippocampal Functions: The Epileptic Brain. Enriched environment can reverse chronic sleep deprivation-induced damage to cellular plasticity in the dentate gyrus of the hippocampus. 2023, 14, Role of Hydroxytyrosol and Oleuropein in the Prevention of Aging and Related Disorders: Focus on		0 0