CITATION REPORT List of articles citing

Restoration of dopaminergic function by grafting of fetal rat substantia nigra to the caudate nucleus: long-term behavioral, biochemical, and histochemical studies

DOI: 10.1002/ana.410080508 Annals of Neurology, 1980, 8, 510-9.

Source: https://exaly.com/paper-pdf/14585203/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
326	Functional brain transplants. 1980 , 1, 101-110		16
325	Grafts of embryonic substantia nigra reinnervating the ventrolateral striatum ameliorate sensorimotor impairments and akinesia in rats with 6-OHDA lesions of the nigrostriatal pathway. 1981 , 229, 209-17		248
324	Intracerebral grafting of dissociated CNS tissue suspensions: a new approach for neuronal transplantation to deep brain sites. 1981 , 218, 347-56		204
323	Effect of dopamine agonists and antagonists on the electrical activity of substantia nigra neurons transplanted into the lateral ventricle of the rat. 1981 , 44, 1-10		8o
322	Transplanted adrenal chromaffin cells in rat brain reduce lesion-induced rotational behaviour. 1981 , 292, 351-2		390
321	CNS transplantation: structural and functional recovery from brain damage. 1982 , 55, 431-43		10
320	The development of cerebellar primordia transplanted to the neocortex of the rat. 1982 , 256, 167-79		38
319	Septal transplants restore maze learning in rats with fornix-fimbria lesions. 1982 , 251, 335-48		435
318	Extraparenchymal neural transplants: their cytology and survivability. 1982 , 241, 182-6		34
317	Potential therapies in aging and senile dementias. 1982 , 396, 165-78		18
316	Immunohistochemical analysis of vasopressin neurons transplanted into the Brattleboro rat. 1982 , 394, 102-15		20
315	Functional activity of substantia nigra grafts reinnervating the striatum: neurotransmitter metabolism and [14C]2-deoxy-D-glucose autoradiography. 1982 , 38, 737-48		224
314	Cross-species neural grafting in a rat model of Parkinson's disease. 1982 , 298, 652-4		179
313	Function recovery following neural transplantation of embryonic septal nuclei in adult rats with septohippocampal lesions. 1982 , 300, 260-2		304
312	Reinnervation of the denervated adult spinal cord of rats by intraspinal transplants of embryonic brain stem neurons. 1983 , 230, 15-35		105
311	Growth, differentiation, and viability of fetal rat cortical and spinal cord implants into adult rat spinal cord. 1983 , 9, 303-10		60
310	Viability, growth, and maturation of fetal brain and spinal cord in the sciatic nerve of adult rat. 1983 , 10, 343-50		23

(1984-1983)

Formation of a glial scar following microinjection of fetal neurons into the hippocampus or midbrain of the adult rat: an immunocytochemical study. 1983 , 38, 145-50	59
Catecholamine content of intracerebral adrenal medulla grafts. 1983 , 269, 184-9	91
Astrocytic development in fetal parietal cortex grafted to cerebral and cerebellar cortex of immature rats. 1983 , 285, 171-80	44
Development of embryonic spinal cord transplants in the rat. 1983 , 312, 201-19	90
Dopamine-rich transplants in experimental parkinsonism. 1983 , 6, 266-270	43
Transplanted vasopressin neurones and central nervous system effects of vasopressin. 1983 , 60, 189-95	3
Normalization of spiroperidol binding in the denervated rat striatum by homologous grafts of substantia nigra. 1983 , 222, 937-9	118
Pluripotential germinal tumor tissue as a source of transplantable graft tissue. 1984 , 47, 51-6	
Transplantation of dopamine-containing tissues to the central nervous system. 1983 , 31, 404-16	6
Embryonic brain grafts in an animal model of Parkinson's disease. Criteria for human application. 1984 , 47, 16-22	1
Functional neuronal replacement by grafted striatal neurones in the ibotenic acid-lesioned rat striatum. 1984 , 311, 458-60	272
Ultrastructure of fetal spinal cord and cortex implants into adult rat spinal cord. 1984 , 11, 359-72	34
Spinal cord injury models. 1984 , 22, 289-344	35
Adrenal medulla grafts survive and exhibit catecholamine-specific fluorescence in the primate brain. 1984 , 84, 643-53	95
Structure and function of fetal cortex implanted into degenerating peripheral nerve of adult rat. 1984 , 324, 243-51	10
Adrenal medullary implants in the dopamine-denervated rat striatum. I. Acute catecholamine levels in grafts and host caudate as determined by HPLC-electrochemistry and fluorescence histochemical image analysis. 1984 , 297, 41-51	97
Adrenal medullary implants in the dopamine-denervated rat striatum. II. Acute behavior as a function of graft amount and location and its modulation by neuroleptics. 1984 , 297, 53-61	68
Fetal mesencephalic neurons survive and extend long axons across peripheral nervous system grafts inserted into the adult rat striatum. 1984 , 45, 53-8	98
	midbrain of the adult rat: an immunocytochemical study. 1983, 38, 145-50 Catecholamine content of intracerebral adrenal medulla grafts. 1983, 269, 184-9 Astrocytic development in fetal parietal cortex grafted to cerebral and cerebellar cortex of immature rats. 1983, 285, 171-80 Development of embryonic spinal cord transplants in the rat. 1983, 312, 201-19 Dopamine-rich transplants in experimental parkinsonism. 1983, 6, 266-270 Transplanted vasopressin neurones and central nervous system effects of vasopressin. 1983, 60, 189-95 Normalization of spiroperidol binding in the denervated rat striatum by homologous grafts of substantia nigra. 1983, 222, 937-9 Pluripotential germinal tumor tissue as a source of transplantable graft tissue. 1984, 47, 51-6 Transplantation of dopamine-containing tissues to the central nervous system. 1983, 31, 404-16 Embryonic brain grafts in an animal model of Parkinson's disease. Criteria for human application. 1984, 47, 16-22 Functional neuronal replacement by grafted striatal neurones in the ibotenic acid-lesioned rat striatum. 1984, 311, 458-60 Ultrastructure of fetal spinal cord and cortex implants into adult rat spinal cord. 1984, 11, 359-72 Spinal cord injury models. 1984, 22, 289-344 Adrenal medulla grafts survive and exhibit catecholamine-specific fluorescence in the primate brain. 1984, 84, 643-53 Structure and function of fetal cortex implanted into degenerating peripheral nerve of adult rat. 1984, 324, 243-51 Adrenal medullary implants in the dopamine-denervated rat striatum. I. Acute behavior as a function of graft amount and location and its modulation by neuroleptics. 1984, 297, 53-61 Fetal mesencephalic neurons survive and extend long axons across peripheral nervous system

291	Cell biology of synaptic plasticity. 1984 , 225, 1287-94	246
2 90	Enhancing the self-repairing potential of the CNS after injury. 1984 , 1, 3-14	11
289	Fetal CNS transplants into adult spinal cord: techniques, initial effects, and caveats. 1984 , 1, 39-46	7
288	Neuronal Replacement After Traumatic or Age-Dependent Brain Damage: A Review of Experimental Work in Rodents and its Clinical Implications. 1985 , 1, 93-107	
287	Transmitter expression and morphological development of embryonic medullary and mesencephalic raph[heurones after transplantation to the adult rat central nervous system. I. Grafts to the spinal cord. 1985 , 60, 427-44	66
286	Survival of dissociated adrenal chromaffin cells of rat and monkey transplanted into rat brain. 1985 , 240, 281-5	27
285	Cytoarchitectonics of substantia nigra grafts: a light and electron microscopic study of immunocytochemically identified dopaminergic neurons and fibrous astrocytes. 1985 , 231, 121-35	78
284	Missing pieces in the epilepsy puzzle. 1985 , 48, 384-94	
283	Regional brain dopamine metabolism: a marker for the speed, direction, and posture of moving animals. 1985 , 229, 62-5	163
282	Neurological Surgery. 1985 , 254, 2310	
281	Transplantation of adrenal medullary tissue to striatum in parkinsonism. First clinical trials. 1985 , 62, 169-73	429
280	Promoting functional plasticity in the damaged nervous system. 1985 , 227, 1544-52	89
279	The free radical theory of aging: A critical review. 1985 , 1, 165-223	66
278	Neural grafting in animal models of neurodegenerative diseases. 1985 , 457, 53-81	28
277	Transplantation of monoamine-producing cell systems in oculo and intracranially: experiments in search of a treatment for Parkinson's Disease. 1985 , 457, 105-26	25
276	Repairing neuronal circuits with brain grafts: Where can brain grafts be used as a therapy?. 1985 , 6, 153-156	40
275	Transplantation of cultured fetal human adrenal chromaffin cells to rat brain. 1985 , 57, 43-8	20
274	GM1 ganglioside does not stimulate reinnervation of the striatum by substantia nigra grafts. 1985 , 14, 91-5	15

273	Activation of striatal dopaminergic grafts by haloperidol. 1985 , 15, 543-6	21
272	Neural transplantation: a review of recent developments and potential applications to the aged brain. 1985 , 6, 131-74	82
271	Electrophysiological properties of single units in dopamine-rich mesencephalic transplants in rat brain. 1985 , 57, 205-10	168
270	Regenerating axons form nerve terminals at astrocytes. 1985 , 347, 188-91	108
269	Involvement of nigrostriatal dopamine neurons in the contraversive rotational behavior evoked by electrical stimulation of the lateral hypothalamus. 1985 , 327, 143-51	11
268	Transplantation of fetal rat cortex into regenerating nerve to the biceps femoris of adult rat. 1985 , 89, 337-47	6
267	Functional recovery in a rat model of Parkinson's disease following transplantation of cultured human sympathetic neurons. 1986 , 397, 372-6	35
266	Transplants in the peri- and intraventricular region grow better than those in the central parenchyma of the caudate. 1986 , 64, 184-90	24
265	Effects of dopamine-rich grafts on conditioned rotation in rats with unilateral 6-hydroxydopamine lesions. 1986 , 68, 127-33	36
264	Intrastriatal grafting of dopamine-containing neuronal cell suspensions: effects of mixing with target or non-target cells. 1986 , 389, 77-84	81
263	Induced homotypic sprouting of serotonergic fibers in hippocampus. II. An immunocytochemistry study. 1986 , 373, 337-48	72
262	In vivo measurement of spontaneous release and metabolism of dopamine from intrastriatal nigral grafts using intracerebral dialysis. 1986 , 362, 344-9	177
261	Reinnervation of the nucleus accumbens and frontal cortex of the rat by dopaminergic grafts and effects on hoarding behavior. 1986 , 372, 210-6	89
260	Anatomical predictors of behavioral recovery following fetal striatal transplants. 1986 , 365, 249-58	121
259	Coexistence during ontogeny and transplantation. 1986 , 68, 129-45	
258	Is the intrauterine treatment of fetal hydrocephalus helpful or harmful?. 1986 , 1, 146-9	1
257	Alterations of the blood-brain barrier after transplantation of autonomic ganglia into the mammalian central nervous system. 1986 , 250, 339-51	60
256	Properties of PC12 pheochromocytoma cells transplanted to the adult rat brain. 1986 , 63, 557-66	43

Metabolism and nervous system disease: a challenge for our times. Part I. 1986, 1, 3-23 255 1 The future role of neurosurgery in medicine. 1986, 9, 7-12 254 Intrastriatal adrenal medulla grafts in rats. Long-term survival and behavioral effects. 1986, 65, 664-70 78 253 Neocortical transplants in the mammalian brain lack a blood-brain barrier to macromolecules. 1987, 252 125 235, 772-4 Survival, growth and function of dopaminergic neurons grafted to the brain. 1987, 71, 293-308 251 85 A systems approach to nerve regeneration. 1987, 71, 209-27 6 250 Transplantation of fetal dopamine neurons in primate brain reverses MPTP induced parkinsonism. 249 35 **1987**, 71, 309-23 Expression of peptides and transmitters in neurons and expression of filament proteins in 248 astrocytes in fetal cerebral cortical transplants to adult spinal cord. 1987, 71, 359-71 Failure of neocortical transplants to alter seizure susceptibility in previously kindled rats. 1987, 28, 242-50 7 247 Cerebellar transplantations in adult mice with heredo-degenerative ataxia. 1987, 495, 242-67 108 246 Morphological and functional correlates of chromaffin cell transplants in CNS pain modulatory 245 135 regions. 1987, 495, 306-33 Morphological and behavioral characteristics of embryonic brain tissue transplants in adults, 244 49 brain-damaged subjects. **1987**, 495, 444-64 Intracerebral grafting of dopamine neurons. Experimental basis for clinical trials in patients with 63 243 Parkinson's disease. 1987, 495, 473-96 Behavioral effects of intraaccumbens transplants in rats with lesions of the mesocorticolimbic 8 242 dopamine system. 1987, 495, 497-509 Embryonic substantia nigra grafts. Factors controlling behavioral efficacy and reinnervation of the 241 3 host striatum. 1987, 495, 581-96 Transplantation techniques and the survival of adrenal medulla autografts in the primate brain. 240 14 **1987**, 495, 599-605 An in vivo and in vitro assessment of differentiated neuroblastoma cells as a source of donor tissue 239 15 for transplantation. 1987, 495, 606-22 Neonatally Transplanted Brain Tissue Protects the Adult Rat from a Lesion-induced Syndrome of 238 Adipsia, Aphagia, and Akinesia. 1987, 495, 786-787

237	Transplantation of the fetal occipital cortex to the third ventricle of SCN-lesioned rats induces a diurnal rhythm in drinking behavior. 1987 , 418, 193-7	13
236	Spontaneous and graft-induced behavioral recovery after 6-hydroxydopamine lesion of the nucleus accumbens in the rat. 1987 , 407, 376-80	37
235	Embryonic substantia nigra grafts innervate embryonic striatal co-grafts in preference to mature host striatum. 1987 , 95, 448-54	34
234	Dopamine neuron transplants: electrophysiological unit activity of intrastriatal nigral grafts in freely moving cats. 1987 , 40, 2097-102	10
233	Chronic intrastriatal dopamine infusions in rats with unilateral lesions of the substantia nigra. 1987 , 40, 959-66	58
232	Neural grafting in a rat model of Huntington's disease: striosomal-like organization of striatal grafts as revealed by acetylcholinesterase histochemistry, immunocytochemistry and receptor autoradiography. 1987 , 22, 481-97	147
231	Neuropeptide receptors are present in fetal neocortical transplants. 1987, 79, 97-102	9
230	Autoregulation of dopamine release and metabolism by intrastriatal nigral grafts as revealed by intracerebral dialysis. 1987 , 22, 169-78	170
229	The study of the effect of human chorionic gonadotrophic (HCG) hormone on the survival of adrenal medulla transplant in brain. Preliminary study. 1987 , 87, 76-8	5
228	Brain tissue transplantation in neonatal rats prevents a lesion-induced syndrome of adipsia, aphagia and akinesia. 1987 , 65, 449-54	30
227	Alterations in nociception following adrenal medullary transplants into the rat periaqueductal gray. 1987 , 67, 373-9	25
226	Patterns of angiogenesis in neural transplant models: I. Autonomic tissue transplants. 1987 , 258, 420-34	49
225	Development of intracerebral dopaminergic grafts: a combined immunohistochemical and autoradiographic study of its time course and environmental influences. 1988 , 273, 26-41	88
224	Graft-derived recovery from 6-OHDA lesions: specificity of ventral mesencephalic graft tissues. 1988 , 71, 411-24	132
223	Cerebellar allografts in brain of quaking mice. 1988 , 71, 163-70	2
222	Transmitter expression and morphological development of embryonic medullary and mesencephalic raph[heurones after transplantation to the adult rat central nervous system. II. Grafts to the hippocampus. 1988 , 70, 225-41	25
221	Transmitter expression and morphological development of embryonic medullary and mesencephalic raph[heurones after transplantation to the adult rat central nervous system. III. Grafts to the striatum. 1988, 70, 242-55	25
220	Physiological and morphological characterization of striatal neurons transplanted into the striatum of adult rats. 1988 , 2, 37-44	28

219	D-dopa and L-dopa similarly elevate brain dopamine and produce turning behavior in rats. 1988 , 440, 190-4	18
218	Adrenal medullary cells transmute into dopaminergic neurons in dopamine-depleted rat caudate and ameliorate motor disturbances. 1988 , 445, 325-37	43
217	Cortical lesions increase reinnervation of the dorsal striatum by substantia nigra grafts. 1988 , 446, 133-43	19
216	Adrenal medullary autografts into the basal ganglia of Cebus monkeys: injury-induced regeneration. 1988 , 102, 76-91	168
215	Neural transplantation. 1988 , 29, 350-66	12
214	Intracerebral neuronal grafting in experimental animal models of age-related motor dysfunction. 1988 , 515, 383-94	5
213	Survival and function of dissociated rat dopamine neurones grafted at different developmental stages or after being cultured in vitro. 1988 , 467, 233-43	168
212	A comparison of intraventricular and intraparenchymal cerebellar allografts in rat brain: evidence for normal phosphorylation of neurofilaments. 1988 , 20, 63-72	17
211	Effects of intra-accumbens dopaminergic grafts on behavioral deficits induced by 6-OHDA lesions of the nucleus accumbens or A10 dopaminergic neurons: a comparison. 1988 , 29, 73-83	33
210	Effect of haloperidol on transplants of fetal substantia nigra: evidence for feedback regulation of dopamine turnover in the graft and its projections. 1988 , 78, 457-61	5
209	Fetal dopamine neural grafts: extended reversal of methylphenyltetrahydropyridine-induced parkinsonism in monkeys. 1988 , 78, 497-506	51
208	Paraneuronal grafts in unilateral 6-hydroxydopamine-lesioned rats: morphological aspects of adrenal chromaffin and carotid body glomus cell implants. 1988 , 78, 507-11	44
207	Grafted rat neonatal adrenal medullary cells: structural and functional studies. 1988, 78, 521-5	3
206	Transplantation into the human brain: present status and future possibilities. 1989, Suppl, 39-54	68
205	Neurotrophic and behavioral effects of occipital cortex transplants in newborn rats. 1989 , 2, 189-98	9
204	Human fetal dopamine neurons grafted into the striatum in two patients with severe Parkinson's disease. A detailed account of methodology and a 6-month follow-up. 1989 , 46, 615-31	435
203	Fetal research. 1989 , 246, 775-9	19
202	Studies on embryonic transplants to the transected spinal cord of adult rats. 1989 , 70, 454-62	18

201	Adrenal medullary transplants as a treatment for advanced Parkinson's disease. 1989 , 126, 189-96	5
200	Transplantation strategies in the treatment of Parkinson's disease: experimental basis and clinical trials. 1989 , 126, 197-210	33
199	Transplantation advances in Parkinson's disease. 1989 , 4 Suppl 1, S120-5	1
198	Controlled release of dopamine from a polymeric brain implant: in vivo characterization. <i>Annals of Neurology</i> , 1989 , 25, 351-6	88
197	Nigrostriatal reconstruction after 6-OHDA lesions in rats: combination of dopamine-rich nigral grafts and nigrostriatal "bridge" grafts. 1989 , 75, 523-35	78
196	Xenografting of fetal pig ventral mesencephalon corrects motor asymmetry in the rat model of Parkinson's disease. 1989 , 77, 329-36	58
195	Nerve fibre regeneration across the PNS-CNS interface at the root-spinal cord junction. 1989 , 22, 93-102	58
194	Neural transplantation: problems and prospectswhere do we go from here?. 1989 , 64, 363-7	5
193	Development of dopamine innervation and turning behavior in dopamine-depleted infant rats receiving unilateral nigral transplants. 1989 , 30, 779-94	42
192	Cortical lesions interfere with behavioral recovery from unilateral substantia nigra lesions induced by brain grafts. 1989 , 32, 279-88	6
191	Transplantation of human sympathetic neurons and adrenal chromaffin cells into parkinsonian monkeys: no reversal of clinical symptoms. 1989 , 94, 51-67	50
190	Transplantation of B16/C3 melanoma cells into the brains of rats and mice. 1989 , 485, 349-62	33
189	Effect of dopaminergic denervation and transplant-derived reinnervation on a marker of striatal GABAergic function. 1989 , 493, 185-9	33
188	Animal models of parkinsonism using selective neurotoxins: clinical and basic implications. 1989 , 31, 1-79	155
187	Trials and tribulations in speech therapy. 1990 , 301, 302-3	3
186	First Asahikawa International Symposium on Brainstem Control of Posture and Movements. September 12-14, 1989. Asahikawa, Hokkaido, Japan. Proceedings. 1990 , 7, 225-64	1
185	Adrenal medulla graft induced recovery of function in an animal model of Parkinson's disease: possible mechanisms of action. 1990 , 44, 293-310	10
184	Cell implantation in Parkinson's disease. 1990 , 301, 301-2	10

183	Genetically altered and defined cell lines for transplantation in animal models of Parkinson's disease. 1990 , 82, 11-21	16
182	Possible mechanisms of action of adrenal transplants in Parkinson's disease. 1990 , 82, 509-14	6
181	Phenotypic plasticity of locus coeruleus noradrenergic neurons after transplantation into the dopamine-depleted caudate in the rat. 1990 , 82, 515-21	3
180	Stereotactic adrenostriatal autografts for parkinsonism: rationale, techniques and observations. 1990 , 82, 683-91	2
179	Disappearance of a putative DA-neuron antibody following adrenal medulla transplantation: relationship to a striatal-derived DA neuron trophic factor. 1990 , 82, 693-7	5
178	Neural Transplantation in Animal Models of Dementia. 1990 , 2, 567-587	113
177	Modulation of experimentally induced epilepsy by intracerebral grafts of fetal GABAergic neurons. 1990 , 28, 627-34	69
176	Age-related changes in striatal dopamine D2 receptor binding in weaver mice and effects of ventral mesencephalic grafts. 1990 , 83, 1-8	19
175	Phenotypic plasticity of grafted catecholaminergic cells in the dopamine-depleted caudate nucleus in the rat. 1990 , 13, S54-60	5
174	A preliminary study of homotopic fetal cortical and spinal cotransplants in adult rats. 1990 , 25, 35-48	6
173	Intracerebral adrenal medulla grafts: a review. 1990 , 110, 139-66	138
172	Chronic levodopa impairs morphological development of grafted embryonic dopamine neurons. 1990 , 110, 201-8	108
171	HSV-1 vector mediated neuronal gene delivery. Strategies for molecular neuroscience and neurology. 1990 , 40, 2189-99	72
170	tGS ganglioside induces peculiar morphological features in grafted dopaminergic cells and promotes motor recovery in rats with unilateral lesions in the nigrostriatal dopamine pathway. 1990 , 534, 73-82	12
169	Long-term survival of grafted cells, dopamine synthesis/release, synaptic connections, and functional recovery after transplantation of fetal nigral cells in rats with unilateral 6-OHDA lesions in the nigrostriatal dopamine pathway. 1990 , 534, 83-93	60
168	Effects of intraventricular substantia nigra allografts as a function of donor age. 1990 , 530, 12-9	25
167	Electrophysiological characteristics of cells within mesencephalon suspension grafts. 1991 , 40, 109-22	99
166	Ageing changes in the transplants of fetal substantia nigra grafted to striatum of adult rat. 1991 , 40, 429-43	11

(1991-1991)

165	Transplants of fetal substantia nigra regulate glutamic acid decarboxylase gene expression in host striatal neurons. 1991 , 10, 359-62		24
164	Correlation of functional recovery after a 6-hydroxydopamine lesion with survival of grafted fetal neurons and release of dopamine in the striatum of the rat. 1991 , 40, 123-31		64
163	Decrease of behavioral and biochemical denervation supersensitivity of rat striatum by nigral transplants. 1991 , 44, 75-83		35
162	Functional recovery of supersensitive dopamine receptors after intrastriatal grafts of fetal substantia nigra. 1991 , 111, 282-92		54
161	Striatal, ventral mesencephalic and cortical transplants into the intact rat striatum: a neuroanatomical study. 1991 , 113, 109-30		29
160	Functional enhancement of intrastriatal dopamine-containing grafts by the co-transplantation of sciatic nerve tissue in 6-hydroxydopamine-lesioned rats. 1991 , 113, 143-54		21
159	Regional changes of striatal dopamine receptors following denervation by 6-hydroxydopamine and fetal mesencephalic grafts in the rat. 1991 , 558, 251-63		19
158	Ontogeny of the electrophysiological activity of dopaminergic cells with special reference to the influence of adrenal medullary grafts on aging. 1991 , 545, 164-70		8
157	Immunoelectron microscopic analysis of the synaptic connectivity of serotoninergic neurons grafted to the 5,7-dihydroxytryptamine-lesioned rat spinal cord. 1991 , 45, 307-21		8
156	Lesioning of the striatum reverses motor asymmetry in the 6-hydroxydopamine rodent model of parkinsonism. 1991 , 2, 141-56		16
155	Dopamine distribution and behavioral alterations resulting from dopamine infusion into the brain of the lesioned rat. 1991 , 74, 105-11		17
154	Is it possible to repair the damaged prefrontal cortex by neural tissue transplantation?. 1990 , 85, 285-96; discussion 296-7		9
153	Grafting of catecholaminergic cells in the mammalian brain and reconstruction of disturbed function: Basic problems to be solved. 1991 , 98, 211-220		
152	Long-term survival of intrastriatal dopaminergic grafts: modulation of acetylcholine release by graft-derived dopamine. 1991 , 57, 267-76		9
151	Specific Reinnervation of Lesioned Mouse Striatum by Grafted Mesencephalic Dopaminergic Neurons. 1991 , 3, 72-85		38
150	Brain grafts and Parkinson's disease. 1991 , 45, 261-7		14
149	BN rats do not reject F344 brain allografts even after systemic sensitization. <i>Annals of Neurology</i> , 1991 , 29, 377-88	9.4	32
148	Cholinergic neural transplants into hippocampus restore learning ability in monkeys with fornix transections. 1991 , 83, 533-8		47

147	Transplantation of embryonic dopamine neurons: what we know from rats. 1991, 238, 65-74	53
146	Fetal tissue transplantation: can it be morally insulated from abortion?. 1991 , 17, 70-6	19
145	Intrastriatal dopamine-rich implants reverse the changes in dopamine D2 receptor densities caused by 6-hydroxydopamine lesion of the nigrostriatal pathway in rats: an autoradiographic study. 1992 , 46, 729-38	60
144	Dopaminergic transplants normalize amphetamine- and apomorphine-induced Fos expression in the 6-hydroxydopamine-lesioned striatum. 1992 , 46, 943-57	93
143	Implantation of genetically modified mesencephalic fetal cells into the rat striatum. 1992 , 29, 81-93	9
142	Sustained release of nerve growth factor from biodegradable polymer microspheres. 1992 , 30, 313-9	120
141	Effects of adrenal medulla and sciatic nerve co-grafts in rats with unilateral substantia nigra lesions. 1992 , 3, 159-67	7
140	Viable adrenal medullary transplants in non-human primates: increasing the number of grafts. 1992 , 3, 81-96	2
139	A novel approach to neural transplantation in Parkinson's disease: use of polymer-encapsulated cell therapy. 1992 , 16, 437-47	94
138	Intrastriatal Dopamine-rich Implants Reverse the Increase of Dopamine D2 Receptor mRNA Levels Caused by Lesion of the Nigrostriatal Pathway: A Quantitative In Situ Hybridization Study. 1992 , 4, 663-672	48
137	Transplantation of dopamine neurons. 1992 , 4, 161-169	2
136	Neurotrophic factors and neural grafts: a growing field. 1993 , 5, 431-441	8
135	Kainic acid lesions increase reafferentation of the striatum by substantia nigra grafts. 1993 , 621, 71-8	10
134	De Cajal al transplante de cerebro. Entre la realidad y la ficcifi. 1993 , 4, 260-268	1
133	The use of fetal tissue for therapeutic applications. 1993 , 41, 233-40	10
132	The biology and behaviour of intracerebral adrenal transplants in animals and man. 1993, 4, 113-46	23
131	Grafts in the treatment of Parkinson's disease: animal models. 1993 , 4, 17-40	3
130	Neural Transplantation: Prospects for Clinical use. 1993 , 2, 13-31	36

129	Vascularization and microvascular permeability in solid versus cell-suspension embryonic neural grafts. 1994 , 81, 272-83	50
128	Ibotenic acid lesions of the striatum reduce drug-induced rotation in the 6-hydroxydopamine-lesioned rat. 1994 , 101, 365-74	37
127	Behavioural consequences of neural transplantation. 1994 , 242, S43-53	13
126	Long-term gene expression and phenotypic correction using adeno-associated virus vectors in the mammalian brain. 1994 , 8, 148-54	945
125	Host serotonin axons innervate intrastriatal ventral mesencephalic grafts after implantation in newborn rats. 1994 , 6, 1307-15	11
124	Long-term behavioral recovery in parkinsonian rats by an HSV vector expressing tyrosine hydroxylase. 1994 , 266, 1399-403	326
123	Reduction of voluntary alcohol intake in the rat by modulation of the dopaminergic mesolimbic system: transplantation of ventral mesencephalic cell suspensions. 1994 , 58, 359-69	16
122	The morphology of human neuroblastoma cell grafts in the kainic acid-lesioned basal ganglia of the rat. 1995 , 24, 568-84	4
121	Dopaminergic neuronal survival and the effects of bFGF in explant, three dimensional and monolayer cultures of embryonic rat ventral mesencephalon. 1995 , 106, 275-82	91
120	A Comparative Study of Preparation Techniques for Improving the Viability of Nigral Grafts using Vital Stains, in Vitro Cultures, and in Vivo Grafts. 1995 , 4, 173-200	45
119	The Influence of Donor Age on the Survival of Solid and Suspension Intraparenchymal Human Embryonic Nigral Grafts. 1995 , 4, 141-154	102
118	History of Functional Neurosurgery. 1995 , 6, 1-25	25
117	Fetal mesencephalic grafts decrease the rate of dopamine uptake in the non-lesioned striatum of unilaterally 6-OHDA lesioned rats: an in vivo voltammetric study. 1995 , 198, 218-22	5
116	Neuropathological evidence of graft survival and striatal reinnervation after the transplantation of fetal mesencephalic tissue in a patient with Parkinson's disease. 1995 , 332, 1118-24	764
115	A comparative study of preparation techniques for improving the viability of nigral grafts using vital stains, in vitro cultures, and in vivo grafts. 1995 , 4, 173-200	25
114	Long-term effects of human-to-rat mesencephalic xenografts on rotational behavior, striatal dopamine receptor binding, and mRNA levels. 1995 , 38, 221-33	24
113	Long-term nigral transplants in rat striatum: An electron microscopic study. 1996 , 14, 453-460	1
112	Long-term nigral transplants in rat striatum: An electron microscopic study. 1996 , 14, 453-460	

111	Superior cervical ganglion regenerating axons through peripheral nerve grafts and reversal of behavioral deficits in hemiparkinsonian rats. 1996 , 84, 487-93	10
110	Rapid eye movement (REM) sleep deprivation in 6-OHDA nigro-striatal lesioned rats with and without transplants of dissociated chromaffin cells. 1996 , 729, 170-175	6
109	Functional fetal nigral grafts in a patient with Parkinson's disease: chemoanatomic, ultrastructural, and metabolic studies. 1996 , 370, 203-30	249
108	Applications of gene therapy to the CNS. 1996 , 5 Spec No, 1397-404	82
107	Neural transplantation in Parkinson's disease. 1997 , 24, 292-301	23
106	The age of striatum determines the pattern and extent of dopaminergic innervation: A nigrostriatal double graft study. 1997 , 6, 287-296	10
105	Gene therapy approaches to Parkinson's disease: preclinical to clinical trials, or what steps to take to get there from here?. 1997 , 144, 160-7	2
104	Outcome following intrastriatal fetal mesencephalic grafts for Parkinson's patients is directly related to the volume of grafted tissue. 1997 , 146, 536-45	43
103	Expression of floor plate in dispersed mesencephalic cultures: role in differentiation of tyrosine hydroxylase neurons. 1997 , 147, 525-31	8
102	The effect of nigral implantation on sensitization to dopamine agonists in 6-hydroxydopamine-lesioned rats. 1997 , 79, 963-72	1
101	The Age of Striatum Determines the Pattern and Extent of Dopaminergic Innervation: a Nigrostriatal Double Graft Study. 1997 , 6, 287-296	20
100	Differential role of dopamine receptors on motor asymmetries of nigro-striatal lesioned animals that are REM sleep deprived. 1997 , 744, 171-4	4
99	Dopaminergic innervation of striatal grafts placed into different sites of normal striatum: differences in the tyrosine hydroxylase immunoreactive growth pattern. 1997 , 113, 13-23	13
98	Intrastriatal grafts of fetal mesencephalic cell suspensions in MPP+-lesioned rats: a microdialysis study in vivo. 1998 , 23, 1217-23	6
97	Xenotransplantation of cells and tissues: application to a range of diseases, from diabetes to Alzheimer's. 1998 , 4, 39-45	13
96	Co-grafted embryonic striatum increases the survival of grafted embryonic dopamine neurons. 1998 , 399, 530-40	32
95	Substantia nigra lesion suppresses the antagonistic effects of N-methyl-D-aspartate receptor antagonist (MK-801) on the autotomy in the rat. 1998 , 255, 167-71	4
94	Dopamine metabolism in the striatum of hemiparkinsonian model rats with dopaminergic grafts. 1998 , 30, 43-52	15

(2007-1998)

93	Enhancement of graft survival and sensorimotor behavioral recovery in rats undergoing transplantation with dopaminergic cells exposed to glial cell line-derived neurotrophic factor. 1998 , 88, 1088-95	52
92	Enhancement of graft survival and sensorimotor behavioral recovery in rats undergoing transplantation with dopaminergic cells exposed to glial cell line-derived neurotrophic factor. 1999 , 7, E6	
91	Long-term evaluation of bilateral fetal nigral transplantation in Parkinson disease. 1999 , 56, 179-87	292
90	Transplant of cultured neuron-like differentiated chromaffin cells in a Parkinson's disease patient. A preliminary report. 1999 , 30, 33-9	22
89	Apoptosis in primary cultures of E14 rat ventral mesencephala: time course of dopaminergic cell death and implications for neural transplantation. 1999 , 160, 88-98	37
88	Neuropathology of fetal nigra transplants for Parkinson's disease. 2000 , 127, 333-44	15
87	Increased survival of dopaminergic neurons in striatal grafts of fetal ventral mesencephalic cells exposed to neurotrophin-3 or glial cell line-derived neurotrophic factor. 2000 , 9, 45-53	52
86	Immunocytochemical, ultrastructural and neurochemical evidences on synaptogenesis and dopamine release of rat chromaffin cells co-cultured with striatal neurons. 2000 , 59, 170-4	2
85	Surgical treatment of Parkinson disease: ablation, stimulation and transplantation. 2001, 1, 239-246	
84	Surgical treatment for Parkinson's disease: neural transplantation. 2002 , 17 Suppl 4, S148-55	2
83	Behavioral/neurophysiological investigation of effects of combining a quinolinic acid entopeduncular lesion with a fetal mesencephalic tissue transplant in striatum of the 6-OHDA hemilesioned rat. 2003 , 49, 1-11	7
82	The effects of transforming growth factor-beta2 on dopaminergic graft survival. 2004 , 13, 245-52	9
81	Behavioral and anatomical effects of quinolinic acid in the striatum of the hemiparkinsonian rat. 2005 , 55, 26-36	5
80	Contemporary Applications of Functional and Stereotactic Techniques for Molecular Neurosurgery. 2005 , 18, 124-145	
79	Effects of intranigral vs intrastriatal fetal mesencephalic neural grafts on motor behavior disorders in a rat Parkinson model. 2005 , 64 Suppl 2, S33-41	10
78	Generation and transplantation of dopaminergic neurons derived from embryonic stem cells. 2007 , 2, 139-47	4
77	Neural Transplantation in Parkinson's Disease. 2007 , 439-454	1
76	Human Embryonic Stem Cells, Dopaminergic Neurons, and Pathways for Developing a Parkinson's Disease Therapy. 2007 , 523-544	1

75	Progress in Parkinson's disease-where do we stand?. 2008 , 85, 376-92	140
74	Brain transplants. 1983 , 25, 654-6	O
73	Intranigral transplants of a GABAergic cell line produce long-term alleviation of established motor seizures. 2008 , 193, 17-27	28
72	Xeno-free defined conditions for culture of human embryonic stem cells, neural stem cells and dopaminergic neurons derived from them. 2009 , 4, e6233	118
71	Chapter 55: neural transplantation. 2010 , 95, 885-912	9
70	Stage-specific role for shh in dopaminergic differentiation of human embryonic stem cells induced by stromal cells. 2010 , 19, 71-82	43
69	Cell replacement therapy for Parkinson's disease: how close are we to the clinic?. 2011 , 11, 1325-39	23
68	Cell transplantation and gene therapy in Parkinson's disease. 2011 , 78, 126-58	31
67	Repair of the CNS using endogenous and transplanted neural stem cells. 2013, 15, 357-98	22
66	Embryonic or Neural Stem Cells in Neurodegenerative Disease of the Central Nervous System (with Relevance to PD, HD, AD, MS, SCI, and Stroke). 2012 , 358-382	
65	Neurogenesis and Neural Plasticity. 2013,	5
64	Pluripotent stem cells for Parkinson's disease: progress and challenges. 2013 , 4, 25	10
63	Cell therapy for Parkinson's disease: what next?. 2013 , 28, 110-5	47
62	In vivo cell reprogramming to pluripotency: exploring a novel tool for cell replenishment and tissue regeneration. 2014 , 42, 711-716	7
61	The potential of alternate sources of cells for neural grafting in Parkinson's and Huntington's disease. 2014 , 4, 297-307	6
60	Neurotransplantation and the Restoration of Motor Behavior in Parkinson Disease. 2014, 33-46	
59	Embryonic and mature astrocytes exert different effects on neuronal growth in rat ventral mesencephalic slice cultures. 2015 , 4, 558	2
58	Transplantation of fetal ventral mesencephalic progenitor cells overexpressing high molecular weight fibroblast growth factor 2 isoforms in 6-hydroxydopamine lesioned rats. 2015 , 286, 293-307	9

57	Cell-based therapies for Parkinson diseasepast insights and future potential. 2015 , 11, 492-503		197
56	Cell therapies for Parkinson's disease: how far have we come?. 2016 , 11, 777-786		14
55	Human neural progenitor cells in central nervous system lesions. 2016 , 31, 69-81		4
54	Robust graft survival and normalized dopaminergic innervation do not obligate recovery in a Parkinson disease patient. <i>Annals of Neurology</i> , 2017 , 81, 46-57	9.4	54
53	Historical perspective of cell transplantation in Parkinson's disease. 2017 , 7, 179-192		13
52	Metals and Parkinson's Disease: Mechanisms and Biochemical Processes. 2018 , 25, 2198-2214		69
51	Introduction to Adult Neurogenesis. 2019 , 97-116		
50	Functional Analysis of Neural Grafts in the Neostriatum. 1990 , 355-373		1
49	Transplant-Induced Recovery from Brain Lesions: A Review of the Nigrostriatal Model. <i>Proceedings in Life Sciences</i> , 1983 , 191-216		7
48	Neural transplantation and recovery of function: animal studies. 1992 , 325, 35-65		4
48	Neural transplantation and recovery of function: animal studies. 1992 , 325, 35-65 Transplantation of Catecholamine-Containing Tissues to Restore the Functional Capacity of the Damaged Nigrostriatal System. 1984 , 373-406		14
	Transplantation of Catecholamine-Containing Tissues to Restore the Functional Capacity of the		
47	Transplantation of Catecholamine-Containing Tissues to Restore the Functional Capacity of the Damaged Nigrostriatal System. 1984 , 373-406		14
47	Transplantation of Catecholamine-Containing Tissues to Restore the Functional Capacity of the Damaged Nigrostriatal System. 1984 , 373-406 Transplantation Strategies in Spinal Cord Regeneration. 1984 , 407-421		14
47 46 45	Transplantation of Catecholamine-Containing Tissues to Restore the Functional Capacity of the Damaged Nigrostriatal System. 1984, 373-406 Transplantation Strategies in Spinal Cord Regeneration. 1984, 407-421 Camera Bulbi Anterior. 1984, 125-165 Compensation of Lesion-Induced Changes in Cerebral Metabolism and Behaviour by Striatal Neural		14 16 21
47 46 45 44	Transplantation of Catecholamine-Containing Tissues to Restore the Functional Capacity of the Damaged Nigrostriatal System. 1984, 373-406 Transplantation Strategies in Spinal Cord Regeneration. 1984, 407-421 Camera Bulbi Anterior. 1984, 125-165 Compensation of Lesion-Induced Changes in Cerebral Metabolism and Behaviour by Striatal Neural Implants in a Rat Model of Huntington® Disease. 1985, 519-535		14 16 21 2
47 46 45 44 43	Transplantation of Catecholamine-Containing Tissues to Restore the Functional Capacity of the Damaged Nigrostriatal System. 1984, 373-406 Transplantation Strategies in Spinal Cord Regeneration. 1984, 407-421 Camera Bulbi Anterior. 1984, 125-165 Compensation of Lesion-Induced Changes in Cerebral Metabolism and Behaviour by Striatal Neural Implants in a Rat Model of Huntington® Disease. 1985, 519-535 Molecular Aspects of Nerve Regeneration. 1985, 1-29 The Use of Neurotoxins to Lesion Catecholamine-Containing Neurons to Model Clinical Disorders.		14 16 21 2

39	Transplantation of Fetal Dopamine-Synthesizing Cells: Experiment or Therapy of Parkinson Disease?. 1991 , 467-483	1
38	Adrenal medullary transplants as a treatment for advanced Parkinson's disease. 1990 , 17, 65-76	1
37	Transplantation to the braina new therapeutic principle or useless venture?. 1987, 41, 46-50	4
36	Critical approach to intrastriatal medullary adrenal implants via open surgery in parkinsonism. Case report. 1989 , 46, 46-7	2
35	Factors Important in the Survival of Dopamine Neurons in Intracerebral Grafts of Embryonic Substantia Nigra. <i>Methods in Neurosciences</i> , 1994 , 21, 237-252	0
34	Rotation, Drug-induced. 2010 , 49-51	2
33	INTRACEREBRAL GRAFTING OF DISSOCIATED CNS TISSUE SUSPENSIONS. 1983, 325-357	7
32	FUNCTIONAL RECOVERY AFTER TRANSPLANTATION OF FETAL NERVOUS AND NEUROENDOCRINE TISSUE INTO ADULT BRAIN. 1983 , 359-374	2
31	Transfer and Expression of Potentially Therapeutic Genes into the Mammalian Central Nervous System in Vivo Using Adeno-Associated Viral Vectors. 1995 , 193-IV	5
30	Fetal Neuronal Grafting for CNS Regeneration. 1999 , 159-III	5
29	Fetal Grafts in Parkinson's Disease. 1999 , 321-364	2
28	Sustained Release of Nerve Growth Factor from Biodegradable Polymer Microspheres. 1992 , 30, 313???319	6
27	Mechanisms of function of neural grafts in the adult mammalian brain. 1987, 132, 265-289	78
26	Stem Cell Treatments for Parkinson∃ Disease. 161-175	2
25	Brain Implants and Transplants. 2001 , 1345-1352	
24	Stem Cells as a Source for Cell Therapy in Parkinson Disease. 2014 , 1-19	
23	Embryonic Dopaminergic Neurons in Culture and as Transplants. 1984 , 17-34	
22	Behavioural Recovery Following 6-OHDA Lesions of the Nucleus Accumbens and Intra-accumbens Implantation of Dopaminergic Grafts. 1986 , 265-279	1

21	Uses of Neuronal Transplantation in Models of Neurodegenerative Diseases. <i>Proceedings in Life Sciences</i> , 1986 , 103-124	1
20	Effects of Dopamine-Rich Grafts on Sensorimotor Impairments in Dopamine-Depleted Rats. <i>Advances in Applied Neurological Sciences</i> , 1987 , 332-343	
19	Neural Transplants and Recovery of Function after Brain Damage. 1987, 209-221	
18	Monoaminergic and Cholinergic Intracerebral Grafts: Use in Model Systems of Aging. 1987 , 405-419	
17	Recent Advances In Dopaminergic Implants. 1988, 205-210	
16	Recovery of Function After Tissue Transplantation in the Nigrostriatal Dopamine System. 1988 , 225-234	
15	Mechanisms of Action of Substantia Nigra and Adrenal Medulla Grafts. 1988, 197-204	
14	Nigral and Striatal Grafts to the Lesioned Neostriatum: Models of Graft Function. 1989 , 4-20	
13	The Blood-Brain Barrier and Movement Disorders. 1989 , 341-371	
12	Neurotransplantation. 1989 , 171-205	
11		
	In situ Hybridization Histochemistry as a Tool for the Study of Brain Function. 1992 , 1-31	1
10	A Defective Herpes Simplex Virus Vector System for Genetic Intervention in the Adult Brain: Applications to Gene Therapy and Neuronal Physiology. <i>Methods in Neurosciences</i> , 1994 , 21, 443-461	1
10	A Defective Herpes Simplex Virus Vector System for Genetic Intervention in the Adult Brain:	1
	A Defective Herpes Simplex Virus Vector System for Genetic Intervention in the Adult Brain: Applications to Gene Therapy and Neuronal Physiology. <i>Methods in Neurosciences</i> , 1994 , 21, 443-461	1
9	A Defective Herpes Simplex Virus Vector System for Genetic Intervention in the Adult Brain: Applications to Gene Therapy and Neuronal Physiology. <i>Methods in Neurosciences</i> , 1994 , 21, 443-461 Cell transplantation: Brain. 1996 , 163-173 Topographic Factors Affecting the Functional Viability of Dopamine-Rich Grafts in the Neostriatum.	1
9	A Defective Herpes Simplex Virus Vector System for Genetic Intervention in the Adult Brain: Applications to Gene Therapy and Neuronal Physiology. <i>Methods in Neurosciences</i> , 1994 , 21, 443-461 Cell transplantation: Brain. 1996 , 163-173 Topographic Factors Affecting the Functional Viability of Dopamine-Rich Grafts in the Neostriatum. 1998 , 135-169	0
9 8 7	A Defective Herpes Simplex Virus Vector System for Genetic Intervention in the Adult Brain: Applications to Gene Therapy and Neuronal Physiology. <i>Methods in Neurosciences</i> , 1994 , 21, 443-461 Cell transplantation: Brain. 1996 , 163-173 Topographic Factors Affecting the Functional Viability of Dopamine-Rich Grafts in the Neostriatum. 1998 , 135-169 Neuropathology of Dopaminergic Transplants in Patients with Parkinson® Disease. 1998 , 51-75 Whole-Brain Afferent Inputs to the Caudate Nucleus, Putamen, and Accumbens Nucleus in the Tree	

The Different Molecular Code in Generation of Dopaminergic Neurons from Astrocytes and Mesenchymal Stem Cells. *International Journal of Molecular Sciences*, **2021**, 22,

6.3

Transplantation of fetal brain tissue. 1988, 23, 143-157

0

1 Parkinson Disease. **2022**, 169-181

О