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Education:

- 1987 - **M.D.** University of Ioannina Medical School, Greece
1990 - **D.Sc.** University of Ioannina Medical School, Greece
Dissertation title: "Neuropharmacology and Functional Anatomy of Basal Ganglia"

Certification and Licences:

- 1987 Licence to practice Medicine, Greece (87024)
1988 ECFMG Certificate
1995 Board Certified in Neurology, Greece
1996 Member of the NIH Clinical Center Medical Staff (full patient care privileges)

Positions and Professional Experience:

- 1987-88: Graduate Research Assistant, Dept of Pharmacology, University of Ioannina Medical School (Greece)
1988-90: Military service as medical officer in the Greek Armed Forces
1989-90: General practice (national health service), Othoni island (Greece)
1990-91: Intern in Internal Medicine, Corfu General Hospital (Greece)
1991-92: Resident in Psychiatry, Ioannina University Hospital (Greece)
1992-94: Resident in Neurology, Ioannina University Hospital (Greece)
1994-95: Chief Resident in Neurology, Ioannina University Hospital (Greece)
1992-95: Teaching and Research Associate, Department of Physiology, University of Ioannina Medical School (Greece)
2/96-2/97: Onassis Foundation Fellow, Clinical Pharmacology Section, Experimental Therapeutics Branch, National Institute of Neurological Disorders and Stroke, NIH, (Bethesda, MD)
2/97-9/97: American Parkinson's Disease Association and National Parkinson Foundation Fellow, Clinical Pharmacology Section, Experimental Therapeutics Branch, NINDS (Bethesda)
9/97-12/99: Visiting Associate, Clinical Pharmacology Section, Experimental Therapeutics Branch, NINDS, (Chief: Dr. T.N. Chase)
1/2000 – 11/2003: Lecturer in Neurology, University of Ioannina Medical School, Greece

11/2003 – 05/2011 Assistant Professor of Neurology, University of Ioannina Medical School, Greece
05/11/2011 – 04/2016: Associate Professor of Neurology, University of Ioannina Medical School, Greece
04/2016 – now: Professor of Neurology, University of Ioannina Medical School, Greece

Professional skills

Differential diagnosis and management of movement disorders.
Treatment of movement disorders by the use of botulinum toxin injections.
Surgery for movement disorders (indications-external programming of the parameters of the electrical stimulator).
Continuous i.v. administration of levodopa .

Society Memberships:

Member of the European Neuroscience Association
Member of the European Brain and Behavior Society
Member of the European Behavioral Pharmacology Society
Member of the Hellenic Society for Neuroscience
Member of the International Brain Research Organisation

Honors and Awards:

1981-87: Honor student, Academic Scholarship throughout my undergraduate studies.
1988: Travel Grant from the Pieridis Foundation for the Fifth Congress of the International Society of Greek Neuroscientists.
1990: European Science Foundation Fellowship for the European Training Programme in Brain and Behavior Research.
1996: “Alexander S. Onassis” Foundation Scholarship, for postgraduate studies at the National Institute of Neurological Disorders and Stroke.
1996: American Parkinson’s Disease Association Scholarship .
1997: National Parkinson Foundation Scholarship.

Committees:

1993-1995: Ioannina University Hospital Medical Staff Committee
1995: Member, Organizing Committee, 11th Meeting of the Hellenic Society for Neuroscience
2003-2004: Member, Global Thought Leader Summit on Parkinson’s Disease
2004- now: Key Opinion Leader on Parkinson’s Disease
2004- now: Advisor, Neuronet Programme on Parkinson’s Disease
2004 – now: Member, Council of Advisors, Gerson Lehrman Group

2004 – now: Member, Scientific and Executive Council, Movement Disorders Branch, Hellenic Neurological Society

Research experience:

- 1984-90: Graduate Research Assistant, Department of Pharmacology, University of Ioannina Medical School (Greece), working on my doctorate thesis: "neuropharmacology and functional anatomy of basal ganglia"
- 1990-95: Research Associate, Dept of Pharmacology, University of Ioannina Medical School (Greece), "dopaminergic systems of the brain"
- 1993-95: Co-Investigator, "Development of an expert system for the diagnosis of renal diseases and electrolytes disorders", General Secretariat of Research and Technology of Greece, Project Nr: 91 ΕΔ 925
- 1993-95: Research Associate, Department of Psychiatry, University of Ioannina Medical School (Greece), "extrapyramidal symptoms in psychotic patients receiving new "atypical neuroleptics".
- 1994-95: Research Associate, Department of Orthopedics, University of Ioannina Medical School (Greece). "neurophysiological and functional changes in the rat sciatic nerve following acute intraoperative expansion".
- 1995: Research Associate, Eye Movements Research Laboratory, Dept. of Neurology, University of Ioannina Medical School (Greece). "subclinical oculomotor disorders in multiple sclerosis"
- 1992-95: Research Associate, Department of Physiology, University of Ioannina Medical School (Greece), "The effects of endopeptidases 24.11 on pain", collaborative study with the European Society of Regional Anaesthesia and Pain.
- 1996-2000: Clinical and pre-clinical research in neurodegenerative diseases.
In charge of the operation of the non-human primate research program at Experimental Therapeutics Branch, NINDS.

Teaching experience:

- 1992-95: Teaching Associate, Dept of Physiology, University of Ioannina Medical School: Lectures, Syllabus and Laboratory demonstrations to medical students on the physiology of the nervous system
- 1992-95: Dept of Neurology, University of Ioannina Medical School. Seminars and presentations on neuropharmacology and functional anatomy of basal ganglia disorders, for medical students, residents and medical staff in neurology.

- 1995: Lectures and Syllabus on the neurobiology of psychoactive drugs and addiction in a postgraduate course of the “Organisation Against Drugs” (Greece)
- 1997-2000: Training and supervision of medical students, research assistants and junior fellows, Experimental Therapeutics Branch, NINDS.
- 2000 – now: Lectures and Clinical Training of medical students and residents in Neurology, University of Ioannina Medical School, Greece.

PUBLICATIONS IN INTERNATIONAL JOURNALS

1. Stathis P, Konitsiotis S, Antonini A. Dopamine agonists early monotherapy for the delay of development of levodopa-induced dyskinesias. Expert Rev Neurother. 2015 Feb;15(2):207-13
2. Tzallas AT, Tsipouras MG, Rigas G, Tsalikakis DG, Karvounis EC, Chondrogiorgi M, Psomadellis F, Cancela J, Pastorino M, Waldmeyer MT, Konitsiotis S, Fotiadis DI PERFORM: a system for monitoring, assessment and management of patients with Parkinson's disease Sensors (Basel). 2014 Nov 11;14(11):21329-57
3. Lakatos A, Kosta P, Konitsiotis S, Zikou AK, Astrakas LG, Argyropoulou MI. Marchiafava-Bignami disease: An acquired callosotomy. Neurology. 2014 Sep 23;83(13):1219
4. Kastanioudakis I, Konitsiotis S, Asproudis I, Ziavra N. Venous pulsatile tinnitus due to pseudotumor cerebri syndrome in a young morbid obese female. Hippokratia. 2013 Oct;17(4):383
5. Konitsiotis S, Bostantjopoulou S, Chondrogiorgi M, Katsarou Z, Tagaris G, Mavromatis I, Ntzani EE, Mentenopoulos G; members of the Greek Parkinson Study Group. Clinical characteristics of Parkinson's disease patients in Greece: a multicenter, nation-wide, cross-sectional study. J Neurol Sci. 2014 Aug 15;343(1-2):36-40.
6. Kaltsonoudis E, Zikou AK, Voulgari PV, Konitsiotis S, Argyropoulou MI, Drosos AA. Neurological adverse events in patients receiving anti-TNF therapy: a prospective imaging and electrophysiological study. Arthritis Res Ther. 2014 Jun 17;16(3):R125
7. Chondrogiorgi M, Tatsioni A, Reichmann H, Konitsiotis S. Dopamine agonist monotherapy in Parkinson's disease and potential risk factors for dyskinesia: a meta-analysis of levodopa-controlled trials. Eur J Neurol. 2014 Mar;21(3):433-40.
8. Tzarouchi LC, Zikou AK, Tsifetaki N, Astrakas LG, Konitsiotis S, Voulgari P, Drosos A, Argyropoulou MI. White matter water diffusion changes in primary Sjögren syndrome AJNR Am J Neuroradiol. 2014 Apr;35(4):680-5
9. Bargiotas P, Konitsiotis S. Levodopa-induced dyskinesias in Parkinson's disease: emerging treatments. Neuropsychiatr Dis Treat. 2013;9:1605-17
10. Kaltsonoudis E, Voulgari PV, Konitsiotis S, Drosos AA. Demyelination and other neurological adverse events after anti-TNF therapy. Autoimmun Rev. 2014 Jan;13(1):54-8.
11. Ploumis A, Varvarousis D, Konitsiotis S, Beris A. Effectiveness of botulinum toxin injection with and without needle electromyographic guidance for the treatment of spasticity in hemiplegic patients: a randomized controlled trial. Disabil Rehabil. 2014;36(4):313-8
12. Fotakopoulos G, Alexiou GA, Pachatouridis D, Karagiorgiadis D, Konitsiotis S, Kyritsis AP, Voulgaris S. The value of transcranial motor-evoked potentials and free-running

- electromyography in surgery for cervical disc herniation. J Clin Neurosci. 2013 Feb;20(2):263-6
13. Tripoliti EE, Tzallas AT, Tsipouras MG, Rigas G, Bougia P, Leontiou M, *Konitsiotis S*, Chondrogiorgi M, Tsouli S, Fotiadis DI. Automatic detection of freezing of gait events in patients with Parkinson's disease. Comput Methods Programs Biomed. 2013 Apr;110(1):12-26
14. Stathis P, Smpiliris M, *Konitsiotis S*, Mitsikostas DD. Nocebo as a potential confounding factor in clinical trials for Parkinson's disease treatment: a meta-analysis. Eur J Neurol. 2013 Mar;20(3):527-33
15. Tsipouras MG, Tzallas AT, Rigas G, Tsouli S, Fotiadis DI, *Konitsiotis S*. An automated methodology for levodopa-induced dyskinesia: assessment based on gyroscope and accelerometer signals. Artif Intell Med. 2012 Jun;55(2):127-35
16. Maranis S, Stamatis D, Tsironis C, *Konitsiotis S*. Investigation of the antidyskinetic site of action of metabotropic and ionotropic glutamate receptor antagonists. Intracerebral infusions in 6-hydroxydopamine-lesioned rats with levodopa-induced dyskinesia. Eur J Pharmacol. 2012 May 15;683(1-3):71-7. doi: 10.1016/j.ejphar.2012.02.036
17. Tsipouras MG, Tzallas AT, Fotiadis DI, *Konitsiotis S*. On automated assessment of Levodopa-induced dyskinesia in Parkinson's disease. Conf Proc IEEE Eng Med Biol Soc. 2011;2011:2679-82
18. Rigas G, Tzallas AT, Tsipouras MG, Bougia P, Tripoliti EE, Baga D, Fotiadis DI, Tsouli SG, *Konitsiotis S*. Assessment of tremor activity in the Parkinson's disease using a set of wearable sensors. IEEE Trans Inf Technol Biomed. 2012 May;16(3):478-87
19. Markoula S, Chatzistefanidis D, *Konitsiotis S*, Kyritsis AP. An emerging problem in clinical practice: how to approach acute psychosis. Clin Pract. 2011 Dec 30;2(1)
20. Exarchos TP, Tzallas AT, Baga D, Chaloglou D, Fotiadis DI, Tsouli S, Diakou M, *Konitsiotis S*. Using partial decision trees to predict Parkinson's symptoms: a new approach for diagnosis and therapy in patients suffering from Parkinson's disease. Comput Biol Med. 2012 Feb;42(2):195-204
21. Margariti PN, Astrakas LG, Tsouli SG, Hadjigeorgiou GM, *Konitsiotis S*, Argyropoulou MI. Investigation of unmedicated early onset restless legs syndrome by voxel-based morphometry, T2 relaxometry, and functional MR imaging during the night-time hours. AJNR Am J Neuroradiol. 2012 Apr;33(4):667-72
22. Tzarouchi LC, Tsifetaki N, *Konitsiotis S*, Zikou A, Astrakas L, Drosos A, Argyropoulou MI. CNS involvement in primary Sjogren Syndrome: assessment of gray and white matter changes with MRI and voxel-based morphometry. AJR Am J Roentgenol. 2011 Nov;197(5):1207-12
23. Maranis S, Tsouli S, *Konitsiotis S*. Treatment of motor symptoms in advanced Parkinson's disease: a practical approach. Prog Neuropsychopharmacol Biol Psychiatry. 2011 Dec 1;35(8):1795-807. doi: 10.1016/j.pnpbp.2011.05.014. Epub 2011 May 30
24. Stathis P, *Konitsiotis S*, Tagaris G, Peterson D; VALID-PD Study Group. Levetiracetam for the management of levodopa-induced dyskinesias in Parkinson's disease. Mov Disord. 2011 Feb 1;26(2):264-70
25. Pappa S, Tsouli S, Apostolou G, Mavreas V, *Konitsiotis S*. Effects of amantadine on tardive dyskinesia: a randomized, double-blind, placebo-controlled study. Clin Neuropharmacol. 2010 Nov-Dec;33(6):271-5.
26. Tsipouras MG, Tzallas AT, Rigas G, Bougia P, Fotiadis DI, *Konitsiotis S*. Automated Levodopa-induced dyskinesia assessment. Conf Proc IEEE Eng Med Biol Soc. 2010
27. Tsouli S, *Konitsiotis S*. How should we treat a patient with early Parkinson's disease? Int J Clin Pract. 2010 Aug;64(9):1210-9

28. Zintzaras E, Kitsios GD, Papathanasiou AA, *Konitsiotis S*, Miligkos M, Rodopoulou P, Hadjigeorgiou GM Randomized trials of dopamine agonists in restless legs syndrome: a systematic review, quality assessment, and meta-analysis. Clin Ther. 2010 Feb;32(2):221-37
29. Rigas G, Tzallas AT, Tsalikakis DG, Konitsiotis S, Fotiadis DI. Real-time quantification of resting tremor in the Parkinson's disease. Conf Proc IEEE Eng Med Biol Soc. 2009;2009:1306-9
30. Tzarouchi LC, Astrakas LG, *Konitsiotis S*, Tsouli S, Margariti P, Zikou A, Argyropoulou MI. Voxel-based morphometry and Voxel-based relaxometry in parkinsonian variant of multiple system atrophy. J Neuroimaging. 2010 Jul;20(3):260-6. doi: 10.1111/j.1552-6569.2008.00343.x. Epub 2009 Jan
31. S. Markoula, *S. Konitsiotis*, D. Chatzistefanidis, G. Lagos, A. P. Kyritsis, Akathisia induced by mirtazapine after 20-years of continuous treatment, Clin Neuropharmacol. 2010 Jan-Feb;33(1):50-1
32. Hyphantis TN, Christou K, Kontoudaki S, Mantas C, Papamichael G, Goulia P, *Konitsiotis S*, Mavreas V. Disability status, disease parameters, defense styles, and ego strength associated with psychiatric complications of multiple sclerosis. Int J Psychiatry Med. 2008;38(3):307-27.
33. Tsironis C, Marselos M, Evangelou A, *Konitsiotis S*. The course of dyskinesia induction by different treatment schedules of levodopa in Parkinsonian rats: is continuous dopaminergic stimulation necessary? Mov Disord. 2008 May 15;23(7):950-7.
34. Astrakas LG, *Konitsiotis S*, Margariti P, Tsouli S, Tzarouhi L, Argyropoulou MI. T2 relaxometry and fMRI of the brain in late-onset restless legs syndrome. Neurology. 2008 Sep 16;71(12):911-6.
35. Kiortsis DN, Tsouli S, Filippatos TD, *Konitsiotis S*, Elisaf MS. Effects of sibutramine and orlistat on mood in obese and overweight subjects: a randomised study. Nutr Metab Cardiovasc Dis. 2008 Mar;18(3):207-10. Epub 2007 Jun 13.
36. Hadjigeorgiou GM, Stefanidis I, Dardiotis E, Aggellakis K, Sakkas GK, Xiromerisiou G, *Konitsiotis S*, Paterakis K, Poultysi A, Tsimourtou V, Ralli S, Gourgoulianis K, Zintzaras E. Low RLS prevalence and awareness in central Greece: an epidemiological survey. Eur J Neurol. 2007 Nov;14(11):1275-80
37. Peritogiannis V, Tsouli S, Pappas D, Mavreas V, *S. Konitsiotis* Neuroleptic malignant syndrome due to amisulpride in a patient with solvent-induced chronic toxic encephalopathy Clin Neuropharmacol. 2007 Jul-Aug;30(4):245-6.
38. Pavlogiannis O, C Lomi, E Albanidis, *S. Konitsiotis*, S. Geroulanos Sports and Medicine during greek antiquity and Roman imperial times (2007) Journal of the Washington Academy of Sciences, Vol 93 (1), pp.59-75
39. Tzallas, A.T., Karvelis, P.S., Katsis, C.D., Fotiadis, D.I., Giannopoulos, S., *Konitsiotis, S.*A method for classification of transient events in EEG recordings: Application to epilepsy diagnosis (2006) Methods of Information in Medicine, 45 (6), pp. 610-621.
40. *Konitsiotis, S.*, Pappa, S., Mantas, C., Mavreas, V Levetiracetam in tardive dyskinesia: An open label study (2006) Movement Disorders, 21 (8), pp. 1219-1221.
41. Exarchos, T.P., Tzallas, A.T., Fotiadis, D.I., *Konitsiotis, S.*, Giannopoulos, S. EEG transient event detection and classification using association rules (2006) IEEE Transactions on Information Technology in Biomedicine, 10 (3), pp. 451-457.
42. *Konitsiotis, S.*, Tsironis, C. Levodopa-induced dyskinesia and rotational behavior in hemiparkinsonian rats: Independent features or components of the same phenomenon? (2006) Behavioural Brain Research, 170 (2), pp. 337-341.
43. *Konitsiotis, S.*, Tsironis, C., Kiortsis, D.N., Evangelou, A. Effects of N-methyl-D-aspartate receptor antagonism on neuroleptic-induced orofacial dyskinesias (2006) Psychopharmacology, 185 (3), pp. 369-377.

44. Kalambokis, G., *Konitsiotis, S.*, Pappas, D., Tsianos, E.V. Akinetic mutism followed by a manic reaction on introduction of steroid replacement for Addison's disease (2006) Journal of Endocrinological Investigation, 29 (3), pp. 257-260.
45. Kosta, P., Argyropoulou, M.I., Markoula, S., *Konitsiotis, S.* MRI evaluation of the basal ganglia size and iron content in patients with Parkinson's disease (2006) Journal of Neurology, 253 (1), pp. 26-32.
46. Katsanos K, Markopula S, Christodoulou D, Sarmas I, *Konitsiotis S*, Kyritsis A, Tsianos E, Claude Bernard-Horner syndrome associated with colonic interposition grafting after esophagectomy (2006) Annals of Gastroenterology, 19(1): 77-80
47. Kosta, P., Margariti, P., Tolis, C., Tsimichodimos, V., *Konitsiotis, S.*, Argyropoulou, M. Wernicke's encephalopathy in a patient with rhinopharyngeal carcinoma [2] (2005) Journal of Neurology, 252 (12), pp. 1539-1540.
48. Exarchos, T.P., Tzallas, A.T., Fotiadis, D.I., *Konitsiotis, S.*, Giannopoulos, S. A data mining based approach for the EEG transient event detection and classification (2005) Proceedings - IEEE Symposium on Computer-Based Medical Systems, pp. 35-40.
49. *Konitsiotis, S.*, Pappa, S., Mantas, C., Mavreas, V. Acute reversible dyskinesia induced by mirtazapine [4] (2005) Movement Disorders, 20 (6), p. 771.
50. *Konitsiotis, S.* Novel pharmacological strategies for motor complications in Parkinson's disease (2005) Expert Opinion on Investigational Drugs, 14 (4), pp. 377-392.
51. Pakos, E.E., Tsekeris, P.G., Chatzidimou, K., Goussia, A.C., Markoula, S., Argyropoulou, M.I., Pitouli, E.G., *Konitsiotis, S.* Astrocytoma-like multiple sclerosis (2005) Clinical Neurology and Neurosurgery, 107 (2), pp. 152-157.
52. A.T. Tzallas, C. D. Katsis, P. S. Karvelis, D. I. Fotiadis, *S. Konitsiotis, S.* Giannopoulos Classification of transient events in EEG recordings using support vector machines IFMBE Proc- EMBEC (2005) Vol. 11(1). ISSN 1727-1983. 4752 p.
53. Metafratzzi, Z., Argyropoulou, M.I., Mokou-Kanta, C., *Konitsiotis, S.*, Zikou, A., Efremidis, S.C. Spontaneous intracranial hypotension: Morphological findings and CSF flow dynamics studied by MRI (2004) European Radiology, 14 (6), pp. 1013-1016.
54. *Konitsiotis, S.*, Glantzouni, A., Argyropoulou, M.I., Tsapoga, T., Elisaf, M., Efremidis, S.C. Acute spontaneous spinal subdural haematomas in a patient with essential thrombocythaemia (2003) Journal of Neurology, 250 (9), pp. 1109-1111.
55. Blanchet, P.J., *Konitsiotis, S.*, Mochizuki, H., Pluta, R., Emerich, D.F., Chase, T.N., Mouradian, M.M. Complications of a trophic xenotransplant approach in parkinsonian monkeys (2003) Progress in Neuro-Psychopharmacology and Biological Psychiatry, 27 (4), pp. 607-612.
56. K. Katsanos, V. Papakostas, *S. Konitsiotis*, G. Mpaltayiannis, E. Tsianos, Amnesia and brain atrophy with focal white matter lesions in a 30-years old male with Crohn's disease, Annals of Gastroenterology, 2003, 16:2, 173-176
57. *Konitsiotis, S.*, Argyropoulou, M.I., Kosta, P., Giannopoulos, M., Efremidis, S.C., Kyritsis, A.P. CNS siderosis after brachial plexus avulsion (2002) Neurology, 58 (3), p. 505.
58. Ο. Παυλογιάννης, *Σ. Κονιτσιώτης*, Δ. Γερουλάνος, Μορφές της «υγιεινής τέχνης» κατά τα ρωμαϊκά αυτοκρατορικά χρόνια. Η «συνάντηση» της επιστήμης της ιατρικής με τη γυμναστική, Ιατρική, 2002, 81,(3), 265-270.
59. Verhagen Metman, L., Chase, T.N., Gillespie, M., Farmer, C., Bibbiani, F., *Konitsiotis, S.*, Morris, M., Mouradian, M.M. Continuous transdermal dopaminergic stimulation in advanced Parkinson's disease (2001) Clinical Neuropharmacology, 24 (3), pp. 163-169.

60. Chase, T.N., *Konitsiotis, S.*, Oh, J.D. Striatal molecular mechanisms and motor dysfunction in Parkinson's disease. (2001) Advances in neurology, 86, pp. 355-360.
61. *Konitsiotis, S.*, Blanchet, P.J., Verhagen, L., Lamers, E., Chase, T.N. AMPA receptor blockade improves levodopa-induced dyskinesia in MPTP monkeys (2000) Neurology, 54 (8), pp. 1589-1595.
62. Chase, T.N., Oh, J.D., *Konitsiotis, S.* Antiparkinsonian and antidyskinetic activity of drugs targeting central glutamatergic mechanisms (2000) Journal of Neurology, 247 (2), pp. 36-42.
63. Verhagen Metman, L., Del Dotto, P., LePoole, K., *Konitsiotis, S.*, Fang, J., Chase, T.N. Amantadine for levodopa-induced dyskinesias (2000) Nervenheilkunde, 19 (5), pp. 276-279.
64. Verhagen Metman, L., *Konitsiotis, S.*, Chase, T.N. Pathophysiology of motor response complications in Parkinson's disease: Hypotheses on the why, where, and what (2000) Movement Disorders, 15 (1), pp. 3-8.
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66. Blanchet, P.J., *Konitsiotis, S.*, Whittemore, E.R., Zhou, Z.L., Woodward, R.M., Chase, T.N. Differing effects of N-methyl-D-aspartate receptor subtype selective antagonists on dyskinesias in levodopa-treated 1-methyl-4-phenyl- tetrahydropyridine monkeys (1999) Journal of Pharmacology and Experimental Therapeutics, 290 (3), pp. 1034-1040.
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69. *Konitsiotis, S.*, Kafetzopoulos, E., Anastopoulos, D., Blanchet, P.J. Opposite rotation induced by dopamine agonists in rats with unilateral lesions of the globus pallidus or substantia nigra (1998) Behavioural Brain Research, 92 (1), pp. 77-83.
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