



REFERENCES

- Albanus, L., Sundwall, A., Vangbo, B. and Windbladh, B. "The Fate of Atropine in the Dog" Acta Pharmacol. Toxicol. 26(1968) : 571-582.
- Altschuler, R.A., Netses, G.R., Harmison, G.G., Wenthold, R.J. and Fex, J. "Immunocytochemical Localization of Aspartate Aminotransferase Immunoreactivity in Cochlear Nucleus of the Guinea Pig" Proc. Nat. Acad. Sci. U.S.A. 78(1981) : 6553-6557.
- Angaut, P. and Brodal, A. "The Projection of the Vestibulocerebellum onto the Vestibular Nuclei in the Cat" Arch. Ital. Biol. 105(1967) : 441-479.
- Bobbin, R.P. "Glutamate and Aspartate Mimic the Afferent Transmitter in the Cochlea" Exp. Brain Res. 34(1979) : 389-393.
- Brodal, A. and Pompeiano, O. "The Vestibular Nuclei in the Cat" J. Anat. 91(1957) : 438-454.
- Brodal, A. and Hoivik, B. "Site and Mode of Termination of Primary Vestibulocerebellar Fibers in the Cat" Arch. Ital. Biol. 102(1964) : 1-21.
- Canzek, V. and Reubi, J.C. "The Effect of Cochlear Nerve Lesion on the Release of Glutamate, Aspartate, and GABA from Cat Cochlear Nucleus, in vitro" Exp. Brain Res. 38(1980) : 437-441.

- Carpenter, M.B. and Strominger, W.L. "Cerebello-oculomotor Fibers in the Rhesus Monkey" J. Comp. Neurol. 123(1964) : 211-230.
- Comis, S.D. and Leng, G. "Action of Putative Neurotransmitter in the Guinea Pig Cochlea" Exp. Brain Res. 36(1979) : 119-128.
- Cook, W.A., Cangiano, A. and Pompeiano, O. "An Electrical Investigation of the Efferent Pathways from the Vestibular Nuclei" Arch. Ital. Biol. 107(1969) : 235-274.
- Croucher, M.J. Collins, J.F. and Meldrum, B.S. "Anticonvulsant Action of Excitatory Amino Acid Antagonists" Science 216 (1982) : 899-901.
- Curtis, D.R. Microelectrophoresis in Physical Techniques in Biological Research, (Nastuk, W.L. ed.) Vol. 5 pp 144-190. Academic Press, New York and London, 1964.
- Curtis, D.R. and Watkins, J.C. "The Pharmacology of Amino Acids Related to Gamma-Aminobutyric Acid" Pharmacol. Rev. 17 (1965) : 347-391.
- Dememes, D., Raymond, J. and Sans, A. "Selective Retrograde Labelling of Neurones of the Cat Vestibular Ganglion with (3H)D-Aspartate" Brain Res. 304(1984) : 188-191.
- Dow, R.S. "The Fiber Connections of the Posterior Parts of the Cerebellum in the Cat and Rat" J. Comp. Neurol. 63(1936) : 527-548.

- Fex, J. and Wenthold, R.J. "Choline Acetyltransferase, Glutamate Decarboxylase and Tyrosine Hydroxylase in the Cochlea and Cochlear Nucleus of Guinea Pig" Brain Res. 109(1976) : 575-585.
- Fex, J., Altschuler, R.A., Wenthold, R.J. and Parakkal, M.H. "Aspartate Aminotransferase Immunoreactivity in Cochlea of Guinea Pig" Hearing Res. 7(1982) : 149-160.
- Francis, C.C. The Nervous System. (ed.) in Introduction to Human Anatomy, 3rd ed., pp 221-275. St. Louis, London, 1959.
- Gacek, R.R. "The Course and Central Termination of First Order Neurones Supplying Vestibular Endorgans in the Cat" Acta Otolaryngol. (Stockh) 254(1969) : 293-311.
- Godfrey, D.A., Carter, J.A., Berger, S.J. and Matschinsky, F.M. "Levels of Putative Transmitter Amino Acids in the Guinea Pig Cochlea" J. Histochem. Cytochem. 24(1976) : 468-470.
- Godfrey, D.A., Carter, J.A., Berger, S.J., Lowry, O.H. and Matschinsky, F.M. "Quantitative Histochemical Mapping of Candidate Transmitter Amino Acids in Cat Cochlear Nucleus" J. Histochem. Cytochem. 25(1977) : 397-417.
- Godfrey, D.A., Carter, J.A., Lowry, O.H. and Matschinsky, F.M. "Distribution of Gamma-Aminobutyric Acid, Glycine, Glutamate and Aspartate in the Cochlear Nucleus of the Rat" J. Histochem. Cytochem. 26(1978) : 118-126.

- Gray, C.E., Stackpole, C.E. and Leavell, L.C. (eds.) The Nervous System. in Textbook of Anatomy and Physiology, 13th ed., pp 217-249. The Macmillan Company, New York, 1955.
- Gray, H. Neurology. in Gray's Anatomy, (Davies, D.V. and Davies, E. eds.) pp 943-1244. The Glasgow University Press, London, 1962.
- Hansson, E., Jarlstedt, J. and Sellstrom, A. "Sound-stimulated 14C-glutamate release from the Nucleus Cochlearis" Experimentia 36(1980) : 576-577.
- Heikkila, R.E., Orlansky, H., Mytilineou, C. and Cohen, G. "Amphetamine: Evaluation of d- and l-isomers as Releasing Agents and Uptake Inhibitors for 3H-dopamine and 3H-norepinephrine in Slices of Rat Neostriatum and Cerebral Cortex" J. Pharmacol. Exp. Ther. 194(1975) : 47-64.
- Ito, M., Hongo, T. and Okada, Y. "Vestibular-evoked Postsynaptic Potentials in Deiters' Neurones" Exp. Brain Res. 7(1969) : 214-230.
- Ito, J., Matsuoka, I., Sasa, M., Fujimoto, S. and Takaori, S. "Electrophysiological Evidence for Involvement of Acetylcholine as a Neurotransmitter in the Lateral Vestibular Nucleus" Otolaryngol. Head Neck Surg. 89(1981) : 1025-1029.
- Jaju, B.P., Kirsten, E.B. and Wang, S.C. "Effects of Belladonna Alkaloids on Vestibular Nucleus of the Cat" Am. J. Physiol. 219(1970) : 1248-1255.

- Jaju, B.P. and Wang, S.C. "Effects of Diphenhydramine and Dimenhydrinate on Vestibular Neuronal Activity of Cat : A Search for the Locus of their Antimotion Sickness Action" J. Pharmacol. Exp. Ther. 176(1971) : 718-724.
- Kane, E.S. "Central Transport and Distribution of Labelled Glutamic and Aspartic Acid to the Cochlear Nucleus in Cats : An Autoradiographic Study" Neurosci. 4(1979) : 729-738.
- Kawai, N., Ito, M. and Nozue, M. "Postsynaptic Influences on the Vestibular Non-Deiters' Nuclei from Primary Vestibular Nerve" Exp. Brain Res. 8(1969) : 190-200.
- Kelly, J.S., Simmonds, M.A. and Straughan, D.W. Microelectrode Techniques. in Methods in Brain Research (Bradley, P.B. and Wiley, J. eds.) pp 333-377. London, 1975.
- Kirsten, E.B. and Schoener, E.P. "Action of Anticholinergic and Related Agents on Single Vestibular Neurones" Neuropharmacol. 12(1973) : 1167-1177.
- Kirsten, E.B. and Sharma, J.N. "Characteristics and Response Differences to Iontophoretically Applied Norepinephrine, d-Amphetamine and Acetylcholine on Neurones in the Medial and Lateral Vestibular Nuclei of the Cat" Brain Res. 112 (1976 a) : 77-90.
- Kirsten, E.B. and Sharma, J.N. "Microiontophoresis of Acetylcholine, Histamine and their Antagonists on Neurones in the Medial and Lateral Vestibular Nuclei of the Cat" Neuropharmacol. 15 (1976 b) : 743-753.

- Klinke, R. "Neurotransmitter in the Cochlea and the Cochlear Nucleus" Acta Otolaryngol. 91(1981) : 541-554.
- Klinke, R. and Evans, E.F. "Evidence that Catecholamine are not the Afferent Transmitter in the Cochlea" Exp. Brain Res. 28 (1977) : 315-324.
- Klinke, R. and Oertel, W. "Evidence that GABA is not the afferent Transmitter in the Cochlea" Exp. Brain Res. 28(1977) : 311-314.
- Klinke, R. and Oertel, W. "Evidence that 5-HT is not the Afferent Transmitter in the Cochlea" Exp. Brain Res. 30(1977) : 141-143.
- Klinke, R. and Oertel, W. "Amino Acids Putative Afferent Transmitter in the Cochlea?" Exp. Brain Res. 30(1977) : 145-148.
- Larsell, O. (ed.) The Cranial Nerve. in Anatomy of the Nervous system, 2nd ed., pp 250-260. Appleton-Century-Crofts, INC, New York, 1951.
- Last, R.T. (ed.) The Central Nervous System. in Anatomy Regional and Applied, 5th ed., pp 765-855. Longman Group, New York, 1973.
- Lorente, N.R. "Anatomy of the eight nerve : the Central Projections of the Nerve ending of the Internal Ear" Laryngoscope 43(1933) : 1-38.
- Matsuoka, I. "Distribution of Cholineacetylase and Cholinesterase and the Action of Cholinergic Drugs on the Cat Vestibular System" Equilibrium Res. 3(1972) : suppl., 77-89.

- Matsuoka, I. and Domino, E.F. "Cholinergic Mechanism in the Cat Vestibular System" Neuropharmacol. 14(1975) : 201-210.
- Matsuoka, I., Domino, E.F. and Morimoto, M. "Adrenergic and Cholinergic Mechanisms of Single Vestibular Neurone in the Cat" Adv. Otorhinolaryngol. 19(1973) : 163-178.
- McMasters, R, Weiss, A.H. and Carpenter, M.B. "Vestibular Projections to the Nuclei of the Extraocular Muscles" Amer. J. Anat. 118(1966) : 163-194.
- Morris, H. The Nervous System. in Human Anatomy, 11th ed., pp 1100-1110. New York, Blakiston, 1953.
- Mugnaini, E., Walberg, F. and Brodal, A. "Mode of Termination of Primary Vestibular Fibers in the Lateral Vestibular Nucleus. An Experimental Electron Microscopical Study in the Cat" Exp. Brain Res. 4(1967) : 187-211.
- Precht, W. and Shimazu, H. "Functional Connections of Tonic and Kinetic Vestibular Neurones with Primary Afferents" J. Neurophysiol. 28(1965) : 1014-1028.
- Rasmussen, A.T. "Secondary Vestibular Tracts in the Cat" J. Comp. Neurol. 54(1932) : 143-171.
- Raymond, J., Neiuillon, A., Dememes, D. and Sans, A. "Evidence for Glutamate as a Neurotransmitter in the Cat Vestibular Nerve: Radioautographic and Biochemical Studies" Exp. Brain Res. 56(1984) : 523-531.

- Romanes, G.J. (ed.) The Central Nervous System. in Cunningham's Textbook of Anatomy, 12th ed., pp 609-738. Oxford University Press, 1981.
- Ross, M.D. "Orange Fluorescence in the Acoustic Nerve" J. Histochem. Cytochem. 17(1969 a) : 814-820.
- Ross, M.D. "The General Visceral Efferent Component of the Eight Cranial Nerve" J. Comp. Neurol. 135(1969 b) : 453-478.
- Shute, C.C.D. and Lewis, P.R. "The Salivatory Center in the Rat" J. Anat. 94(1960) : 59-73.
- Shimazu, H. and Precht, W. "Tonic and Kinetic Responses of Cat's Vestibular Neurones to Horizontal Angular Acceleration" J. Neurophysiol. 28(1965) : 991-1013.
- Sikdar, K. and Ghosh, J.J. "Effect of Dramamine on Deiters' Nerve Cells of Rats Following Vestibular Stimulation" J. Neurochem. 13(1966) : 205-207.
- Stein, B.M. and Carpenter, M.B. "Central Projections of Portions of the Vestibular Ganglia Inervating Specific Parts in the Labyrinth in the Rhesus Monkey" Amer. J. Anat. 120(1967) ; 281-318.
- Tarlov, E. "Organization of Vestibulo-oculomotor Projections in the Cat" Brain Res. 20(1970) : 159-179.
- Walberg, F., Bowsher, D. and Brodal. A. "The Termination of Primary Vestibular Fibers in the Vestibular Nuclei in the Cat. An Experimental Study with Silver Methods" J. Comp. Neurol. 110(1958) : 391-419.

- Walberg, F. and Jansen, J. "Cerebellar Corticovestibular Fibers in the Cat" Exp. Neurol. 3(1961) : 32-52.
- Wenthold, R.J. "Glutamic Acid and Aspartic Acid in Subdivisions of the Cochlear Nucleus after Auditory Nerve Lesion" Brain Res. 143(1978) : 544-548.
- Wenthold, R.J. "Release of Endogenous Glutamic Acid, Aspartic Acid and GABA from Cochlear Nucleus Slices" Brain Res. 162(1979) : 338-343.
- Wenthold, R.J. "Glutamate and Aspartate as Neurotransmitters for the Auditory Nerve" Adv. Biochem. Psychopharmac. 27(1981) : 69-78.
- Wenthold, R.J. and Gulley, R.L. "Aspartic Acid and Glutamic Acid Levels in the Cochlear Nucleus after Auditory Nerve Lesion" Brain Res. 138(1977) : 111-123.
- Wenthold, R.J. and Gulley, R.L. "Glutamic Acid and Aspartic Acid in the Cochlear Nucleus of the Waltzing Guinea Pig" Brain Res. 158(1978) : 295-302.
- Wilson, V.J. "Physiological Pathways Through the Vestibular Nuclei" Int. Rev. Neurobiol. 15(1972) : 27-81.
- Wilson, V.J., Kato, M., Peterson, B.W. and Wylie, R.M. "A Single Unit Analysis of the Organization of Deiters' Nucleus" J. Neurophysiol. 30(1967) : 603-619.

- Wilson, V.J. and Wylie, R.M. "A Short Latency Labyrinthine Input in the Vestibular Nuclei in the Pigeon" Science 168(1970): 124-126.
- Wilson, V.J., Wylie, R.M. and Marco, L.A. "Synaptic Inputs to Cells in the Medial Vestibular Nucleus" J. Neurophysiol. 31 (1968) : 176-185.
- Yamamoto, C. "Pharmacology Studies of Norepinephrine, Acetylcholine and Related Compounds on Neurones in Deiters' Nucleus and the Cerebellum" J. Pharmac. Exp. Ther. 156(1967) : 39-47.

ประวัติผู้วิจัย

นางสาว รุ่งตะวัน แสงจันทร์ เกิดเมื่อวันที่ 21 กุมภาพันธ์ พ.ศ. 2504 ณ กรุงเทพมหานคร ได้รับการศึกษาระดับมัธยมปลายจากโรงเรียนเตรียมอุดมศึกษา และสำเร็จ การศึกษาชั้นปริญญาตรีเกาสศาสตร์บัณฑิต จากคณะเภสัชศาสตร์ มหาวิทยาลัยมหิดล ในปี พ.ศ. 2526

