

REFERENCES

- Achari, N.K., Al - Ubaidy, S., and Downman, C.B.B. Cardiovascular responses elicited by fastigial and hypothalamic stimulation in conscious cats. Brain Research. 60 (1973) : 439 - 447.
- . and Downman, C.B.B. Autonomic response evoked by stimulation of fastigial nuclei in the anaesthezied cat. Journal of Physiology (London). 204 (1969) : 130-131.
- . and Downman, C.B.B. Autonomic effector Response to stimulation of nucleus fastigius. Journal of Physiology. 201 (1970) : 637-650.
- Andrezik, J.A., Dormer, K.J., Foreman, R.D., and Person, R.J. Fastigial nucleus prejections to the brain stem in beagles ; pathways for autonomic regulation. Neuroscience. Vol 11 No 2. (1984) : 497-507.
- Angaut, P., and Bowsher, D. Ascending Projections of the medial cerebellar (fastigial) nucleus : an experimental study in the cat, brain research. 24 (1970) : 49-68.
- Basbaum, A.I., Clanton, C.H., and Fields, H.L. Three bulbospinal pathways from the rostral medulla of the cat : an autoradiographic study of bain modulating system. Journal Comparative Neurology. 178 (1978) : 209-224.
- Batton, R.R., Jayaraman, A., Ruggiero, D., and Carpenter, M.B. Fastigial efferent projections in the monkey : an autoradiographic study. Journal Comparative Neurology. 174 (1977) : 281-306.
- Bradley, D.J., Pascoe, J.P., Paton, J.F.R. and Spyer, K.M. Cardiovascular and respiratory responses evoked from the posterior cerebellar cortex and fastigial nucleus in the cat. Journal Physiology. 393 (1987) : 107-121.

- . Paton, J.F.R., and Spyer, K.M. Cardiovascular responses evoked from fastigial region of the cerebellum in anaesthetized and decerebrate rabbits. American Journal Physiology. 392 (1987) : 475-491.
- Byrum, C.E., Stornetta, R., and Guyenet, P.G. Electrophysiological properties of spinally-projecting A₅ Noradrenergic Neurons, Brain Research. 303 (1984) : 15-29.
- Calcaresu, F.R., and Thomas, M.R. The function of the paramedian reticular nucleus in the control of heart rate in the cat. Journal Physiology (London). 215 (1971) : 143-158.
- Carpenter, M.B. Lesions of the fastigial nuclei in the rhesus monkey. The American Journal of anatomy. Vol 104 (January 1959) : 1-24.
- Chida, K., Iadecola, C., and Reis, D.J. Lesions of rostral ventrolateral medulla abolish some cardio-and cerebrovascular components of the cerebellar fastigial pressor and depressor responses. Brain Research. 508 (1990) : 90-104.
- . K., Iadecola, C., Underwood, M.D., and Reis, D.J. Anovel vasodepressor response elicited from the rat cerebellar fastigial nucleus : the fastigial depressor response. Brain Reseach. 370 (1986) : 378-382.
- Dahlstron, A., and Fuxe, K. Evidence for the existence of monoamine-containing neurons in the central nervous system. I. Demonstration of monomines in cell bodies of brainstem neurons. Acta Physiology Scandinavia Supplementary. 232 (1964) : 1-55.
- Dampney, R.A.L., Goodchild, A.K., Robertson, L.G., and Montgomery, W. Role of ventrolateral medulla in vasomotor regulation : a correlative anatomical and physiological sutdy. Brain Research. 249 (1982) : 223-235.
- . Moon, E.A. Role of ventrolateral medulla in vasomotor response to cerebral ischemia. American Journal Physiology. 239 (1980) : H 349 - H 358.

- Del bo, A., and Rosina, A. A potential disynaptic pathways connecting the fastigial pressor area and the paraventricular nucleus of the hypothalamus in the rat. Neuroscience Letter. 71 (1986): 37-42.
- . Ross, C.A., Pardal, J.F., Savedra, J.M., and Reis, D.J. Fastigial stimulation in rats releases adrenomedullary catecholamines. American Journal Physiology. 244 (Regulatory integrative Comparative Physiology 13) (1983) : R 801 - R 809.
- . Sved, A.F., and Reis, D.J. Fastigial stimulation releases vasopressin in amounts that elevate arterial pressure. American Journal Physiology. 244 (Heart Circulatory Physiology 13) (1983) : H 587 - H 694.
- . Sved, A.F., and Reis, D.J. Fastigial nucleus stimulation and concurrent activation of cardiovascular receptors ; differentiate effects on arterial pressure, heart rate and vasopressin release. Journal of Hypertension. 2 (suppl 3) (1984) : 49-51.
- . Sved, A.F., and Reis, D.J. Inhibitory influences from arterial baroreceptors vasopressin release elicited by fastigial stimulation in rats. Circulatory Research. 54 (1984) : 248-253.
- Dietrichs, E. Cerebellar nuclear afferents from the lateral reticular nucleus in the cat. Brain Research. 288 (1983) : 320-324.
- . Cerebellar autonomic function : direct hypothalamo-cerebellar pathway. Science. 223 (1984) : 591-593.
- . Zheng, Z. - H. Hypothalamo - cerebellar fibers collaterals from the hypothalamo - spinal projection. Brain Research. 296 (1984) : 225-231.
- Doba, N., and Reis, D.J., Cerebellar : role in reflex cardiovascular adjustment to posture. Brain Research. 39 (1972) : 495-499.
- . Changes in regional blood flow and cardiodynamics evoked by electrical stimulation of the fastigial nucleus in the cat and their similarity to orthostatic reflexes. Journal Physiology. 227 (1972) : 729-747.

- Dorner, K.J. Modulation of cardiovascular response to dynamic exercise by fastigial nucleus. Journal apply physiology. 56 (5) (1984) : 1369-1377
- . K.J., Andrezik, J.A., Person, R.J., Braggio, J.T., and Foreman, R.D. Fastigial nucleus cardiovascular response and brain stem lesions in the beagles. American Journal Physiology. 250 (Heart Circratory Physiology 19) (1986) : H 231 - H 239.
- . Foreman, R.D., and Ohato, C.A. Fastigial nucleus stimulation and excitatory spinal symphatetic activity in dog. American Journal Physiology. 243 (1982) : R 25 - R 33.
- . Foreman, R.D., and Stone, H.L. Glutamate-induced fastigial pressor response in the dog. Neuroscience. 2 (1977) : 577-584.
- . Person, R.J., Andrezid, J.A. Foreman, R.D., and Braggio. F.P. Ventrolateral medullary lesions and fastigial cardiovascular response in beagles. American Journal Physiology. 256 (Heart circratory Physiology 25) (1989) : H 1200 - H 1208.
- . and Stone, H.L. Cerebellar pressor response in the dog. Journal apply Physiology. 41 (1976) : 574-580.
- . and Stone, H.L. Fastigial nucleus and its possible role in the cardiovascular response to exercise. In O. Smith, Galosy, R., and Weiss, S. (eds), Circulation, Neurobiology and Behavior, New York : Eisevier, (1982) : 201-215.
- Elisevich. and Ciriello, J. Cardiovascular afferent and fastigial nucleus inputs to paramedian reticulospinal neurons. Brain Research. 452 (4988) : 141-148.
- . Hrycyshyn, A.W., and Flumerfelt, B.A. Cerebellar, meddullary and spinal afferent connections of the paramedian reticular nucleus in the cat, Brain Research. 332 (1985) : 267-282.
- Fukushima, K., Peterson, B.W., Uchino, Y., Coulter, J.D., and Wilsons, V.J. Cirest fastigiospinal fibers in the cat. Brain research. 126 (1977) : 528-542.
- Guertzenstein, P.G., and Silver, A. Fall in blood pressure produced from discrete regions of the ventral surface of the melulla by glycine and lesions. Journal Physiology (London). 242 (1974) : 489-503.

- Haines, D.E., Dietrichs, E. An HRP study of connections between the cerebellar and hypothalamus in the tree shrew, *Tupaia glis*. Anatomical Record. 208 (1984) : 58 A.
- . and Dietrichs, E. A HRP study of hypothalamo-cerebellar and cerebello-hypothalamic connections in squirrel monkey (*Saimiri Scuireus*) Journal Comparative Neurology. 299 (1984): 559-575.
- Henry, R. and Connor, J.D. Axons of passage may be responsible for fastigial nucleus pressor response. American Journal Physiology. 257 (1984) : R1436 - R1440.
- Hokfelt, T., Fuxe, K., Goldstein, M., and Johansson, O. Immunohistochemical evidence for the existence of adrenaline neurons in rat brain. Brain Research. 66 (1974) : 235-251.
- Huang, T.F., Peng, Y.I., and Shieh, J.Y. Cardiovascular responses of rats to electrical stimulation of the fastigial nucleus and Local microinjection of amino acids. Chinese Journal of Physiology. 32 (1989) : 31-39.
- Katajuchi, T., and Koizumi, K. Fastigial inputs to paraventricular neurosecretory neurones studied by extra- and intracellular recordings in rats. Journal of Physiology. 421 (1990) : 535-551.
- Kayama, S., Ammons, W.S., and Manning, J.W. altered renal vascular tone and plasma renin activity due to fastigial and baroreceptor activation. American Journal Physiology. 239 (Heart Circulatory Physiology 8) (1980) : H 232 - H 237.
- . Ammons, W.S., and Manning, J.W. Visceral afferents and the fastigial nucleus in vascular and plasma renin adjustments to head-up tilting. Journal of the autonomic nervous system. 4 (1981) : 381-392.
- Loewy, A.D., McKellar, S., and Saper, C.B. Direct projections from the A₅ catecholamine cell group to the intermedio-lateral cell column. Brain Research. 174 (1979) : 309-314.

- Lutherer, L.O., Lutherer, B.C., Dormer, K.J., Janssen, H.F., and Barnes, C.D. Bilateral lesions of the fastigial nucleus prevent the recovery of blood pressure following hypetension induced by hemorrhage or administration of endotoxin. Brain Research. 269 (1983) : 251-257.
- . and Williams, J.L. Stimulating fastigial nucleus pressor region elicits patterned respiratory response. American Journal Physiology. 25 (1986) : R 418 - R 426.
- . and Willisms, J.L., and Everse, S.J. Neurons of the rostral fastigial nucleus are responsive to cardiovascular and respiratory challenges. Journal of the autonomic nervous system. 27 (1989) : 1001-112.
- Matsushita, M., and hosoya, Y. The location of spinal prejection neurons in the cerebellar nuclei (cerebellospinal tract neurons) of the cat. A study with the horseradish peroxidase tecnique. Brain Research. 142 (1978) : 237-248.
- Mcallen, R.M. Mediation of the fastigial pressor response in response and a somatosympathetic reflex by ventral medullary neurones in the cat. Journal Physiology. 368 (1985) : 423- 433.
- Miura, M., and Reis, D.J. Cerebellum : a pressor response elicited from the fastigial nucleus and its efferent pathway in brainstem. Brain Research. 13 (1969) : 595-599.
- . and Reis, D.J. A blood pressure response from fastigial nucleus and its pathway in brainstem. American Journal Physiology. 219 (1970) : 1330-1336.
- . and Reis, D.J. The paramedian retichlar nucleus : a site of inhibitory interaction between projections from fastigial nucleus and carotid sinus nerve acting on blood pressure. Journal Physiology (London). 216 (1971) : 441-460.
- . and Takayama, K. The site of the origin of the SO-called fastigial pressor response. Brain Research. 473 (1988) : 352-358.

- Moolenaar, G.M., and Rucker, H.K. Autoradiographic study of brain stem projections from fastigial pressor areas. Brain Research. 114 (1976) : 492-496.
- Nisimaru, N., and Kawaguchi, Y. Excitatory effects on renal sympathetic nerve activity induced by stimulation and two distinctive sites in the fastigial nucleus of rabbits. Brain Research. 304 (1984) : 372-376.
- Pellegrino, L.J., Pelligrino, A.J. and Cushman, A.J. A stereotaxic atlas of the rat brain. New York and London : Plenum press, 1979.
- Person, R.J., Andrezik, J.A., Dormer, K.J., and Foreman, R.D. Fastigial nucleus projections in the midbrain and Thalamus in dogs. Neuroscience. Vol 18 No.1 (1985) : 105-120.
- Ross, C.A., Ruggiero, D.A., Joh, T.H., Park, K.H., and Reis, D.J. adrenaline synthesizing neurons in the rostral ventrolateral medulla : a possible role in tonic vasomotor control. Brain Research. 273 (1983) : 356-361.
- . Ruggiero, D.A., Joh, T.H., Park, D.H., and Reis, D.J. Rostral ventrolateral medulla : selective projections to the thoracic autonomic cell column from the region containing C₁ adrenaline neurons. The Journal of comparative neurology. 288 (1984) : 168-185.
- Ruggiero, D., Batton, R.R., Jayaraman, A., and Carpenter, M.B. Brain stem afferents to the fastigial nucleus in the cat demonstrated by transport of horseradish peroxidase. Journal Comparative Neurology. 172 (1977) : 189-210.
- Saper, C.B., Loewy, A.D., Swanson, L.W., Cowan, W.M. Direct hypothalamoautonomic connections. Brain Research. 117 (1976) : 305-312.
- Snider, R. and Lee, J.C. A stereotaxic atlas of the monkey brain. Chicago : The university of Chicago press, 1961.

- Sved, A.F., Scott, P.J., and Kole, M. Cerebellar Lesions attenuate vasopressin release in response to hemorrhage. Neuroscience letters. 55 (1985) : 65-70.
- Sudsuang, R., Boonsinsukh. P., Singhanियom, W., Kunluan, P., and Suksawate, T. Fastigial nucleus stimulation on blood pressure and heart rate in monkey. Annual meeting of the physiological society. April 3-5 (1990) : 7.
- Takahashi, O., Satoda, T., Matsushima, R., Uemura-Sumi, M., and Mizuno, N. Distribution of cerebellar neurons Projecting directly to the spinal cord : an HRP study in the Japanese monkey and the cat. Journal Hirnforsch. 28 (1987) : 105-113.
- Thomas, D.M., Kaufman, R.P., Sprague, T.M., and Chambers, W.W. Experimental studies of the vermal cerebellar projections in the brain stem of the cat (Fastigiobulbar tract) Journal anatomy. 90 (1956) : 371-385.
- Umeadi, G. Effects of kainate and glutamate on cat fastigial nucleus. The physiologist. 30 (1987) : 193.
- Ware, C.B. Efferent projections of the deep cerebellar nuclei in tree shrew (*Tupaia glis*). Anatomical Record. 175 (1973) : 463.
- Ware, C.B., Mufson, E.J. Spinal cord projections from the medial cerebellar nucleus in tree shrew (*Tupaia glis*). Brain Research. 171 (1979) : 383-400.
- Westlund, K.N., Bowker, R.M., Ziegler, M.G., and Coulter, J.D. Noradrenergic Projections to the spinal cord of the rat. Brain Research. 263 (1983) : 15-31.
- Williams, J.L., Heistad, D.D., Siems, J.L. and Talman, W.T. Effect of stimulation of fastigial nucleus on cerebral blood flow in cat. American Journal Physiology. 251 (1989) : H 297 - H 304.



Biography

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