

รายการอ้างอิง

ภาษาไทย

- จวีรัตน์ อินทวัฒน์. 2538. ผลระยะยาวของมอร์ฟีนที่มีต่อระดับฮอร์โมนโปรแลคติน, ฮอร์โมนเพศในสัตว์มี และความสัมพันธ์ของระดับน้ำตาลกลูโคสในเลือด ในลิงทางยาว (*Macaca fascicularis*) เพศเมียสูงอายุ และการเปลี่ยนแปลงหลังให้โปรโมคริสติน. วิทยานิพนธ์ปริญญาโทบัณฑิตศึกษารัฐวิद्या จุฬาลงกรณ์มหาวิทยาลัย.
- พุดพิงศ์ วรวิทย์, ม.ร.ว. 2539. มอร์ฟีนมีอันตรายต่อฮอร์โมนที่ควบคุมการสืบพันธุ์และคุณภาพชีวิตอย่างไร. นักวิทยาศาสตร์ดีเด่น 2529-2539. มูลนิธิส่งเสริมวิทยาศาสตร์และเทคโนโลยีในพระบรมราชูปถัมภ์ หน้า 36-51.
- ลัดด์ พนิตชยกุล และจิตร สิทธิอมร. 2520. การศึกษาพัฒนาการต่อยา วิถีวัดความถี่ยามอร์ฟีน และความสัมพันธ์ระหว่างระดับมอร์ฟีน (องศาความถี่ยามอร์ฟีน) กับระดับอะดีโนซีน 3', 5' โมโนฟอสเฟต ในสมองทูลส่วนต่าง ๆ. หน้า 1-108. รายงานวิจัย จุฬาลงกรณ์มหาวิทยาลัย.

ภาษาอังกฤษ

- Alper, R.H., Demarest, K.T., and Moore, K.E. 1980. Morphine differentially alters synthesis and turnover rate of dopamine in control neuronal system. *J. Neural. Transin.* 48 : 157-165.
- Ambrecht, J.H., and Wongsurawat, N. 1990. *Endocrine Function and Aging*. New York : Springer - Verlag.
- Ashchhim, P. 1983. Relations of neuroendocrine system to reproductive decline in female rats. In J. Meites (ed.), *Neuroendocrinology of Aging*. New York : Plenum Press.
- Austin, C.R., and Short, R.V. 1984. *Reproduction in mammal. III. Hormonal control of Reproduction*. Cambridge : Cambridge University press.
- Batrinou, M.L., Panitsa-Faglia, C., Pitoulis, S., Paviou, S., Piaditis, C., and Alexandridis, T. 1979. Pituitary hormonal profile in menopause. *Maturitas*. 1 : 234-45.

- Besses, G.S., Burrow, G.N., Spaulding, S.W., and Donabedian, P.K. 1975. Dopamin infusion acutely inhibits the TSH and prolactin response to TRH. J. of Clin. Endocrinol. Metab. 41 : 985-987.
- Bigham, M.H., and Lidow, M.S. 1995. Adrenergic and serotonergic receptors in aged , monkey neocortex. Neurobiol. Aging. 1 : 91-104
- Boccabella, A.V., and Alger, A.E. 1967. Quantitative variation in resum thyrotropin levels during the estrous cycle rats. Endocrinology. 58 : 327-337.
- Bradbery, A., Smyth, D.G., Snell, C.R. 1976. The peptide hormones : Molecular and cellular aspects. Ciba Found Symp. 41 : 61-75.
- Brent, G.A., and Hershman, J.M. 1986. Effects of nonthyroidal illness on thyroid function tests. In L. Van Middlesworth (ed.), Thyroid gland : a practiceal clinical treatise, pp. 83-110. Chicago : Year book Medical Publishers.
- Brown-Grant, K. 1962. Change in thyroid gland activity during the oestrous cycle in rats J. Physiol. 161 : 557-574.
- Bruni, J.F., Van Vugt, D., Marshall, S., and Meites, J. 1977. Effects of naloxone, Morphine and Methionine enkephalin on serum prolactin, luteinizing hormone, Life - stimulating hormone and growth hormone. Life Science. 21 : 461-466.
- Buchwald, M.E., and Eadie, G.S. 1941. Toxicity data. J. Pharm. Exp. Ther. 71 : 197.
- Budavari, S. (ed.), 1989. Morphine. The Merck Index An Encyclopedia of Chemicals. Drugs, and Biologicals. 11 : 988-989.
- Burroughs, V., and Shenkman, 1982. Thyroid function in the elderly (Review). Am. J. of the Medic. Scie. 283(1) : 8-17.
- Burrow, G.N., May, P.B., Spaulding, S.W., and Donabedian, P.K. 1977. TRH and dopamine interactions affecting pituitary hormone secretion. J. Clin. Endocrinol. Metab. 45 : 65-72.
- Callahan, P., Janik, J., Grandison, L., and Rabii, J. 1988. Morphine does not stimulate prolectin release during lactation. Brain Res. 442(2) : 214-22.
- Casanueva et al., 1982. Defective central nervous system dopaminergic function in rats with estrogen-induce pituitary tumors, as assessed by plasma prolactin concentration. Endocrinology. 110 : 590-99.

- Chem, H.J. and Wafish, G.P. 1978. "Effects of estradiol benzoate on thyroid-pituitary function in female rats". *Endocrinology*. 103 : 1023-1030.
- Christie, J.M., and Chesher, B.G. 1982. Physical dependence on physiologically released endogenous opiates. *Life Science*. 30 : 1173-1177.
- Class, N., and Class, L. 1994. *Pharmacology Anaesthetists*. Edinburgh : Churchill Livingstone.
- Clemens, A.J., and Meites, J. 1971. Neuroendocrine status of old constant estrous rats. *Neuroendocrinology*. 7 : 249-256.
- Clemens, A.J., and Shaar, J.C. 1980. Control of Prolactin Secretion in Mammals. *Federation Proc.* 39 : 2588-2592.
- Cooper, P.L., Conn, P.M., and Walker, E.R. 1980. Characterization of the LH surge in middle - aged female rats. *Bio. Reprod.* 23 : 611-15.
- D'Angelo, S.a. 1968. Simultaneous effects of estradiol on TSH secretion and adrenocortical function in male and female rats. *Endocrinology*. 82 : 1035-1041.
- Davis, J.P., and Davis, B.F. 1983. Endocrinology and aging In W. Reichel (ed.), *Clinical Aspects of Aging*. pp. 396-410, 2nd ed. Baltimore : Williams & Wilkins.
- Dawood, M.Y., Khan-Dawood, F.S., and Ramos, J. 1986. The effect of estrogen-prolactin treatment on opioid control of gonadotropin and prolactin secretion on postmenopausal Women. *Am. J. Obstet. Gynecol.* 155 : 1245-1251.
- Del valle-soto, E.M., Iglesias, L., Cazada, B., Vega, A.J., Hernandez, C.L., and Perez-Casas, A. 1991. Effects of morphine on the pituitary-thyroid axis morphological and analytical studies. *Functional and Developmental Morphology*. 1 : 3-6.
- Demarest, K. T., Riegle, G.D., and Moore, K.E. 1980. Characteristics of dopaminergic neurons in the age male rat. *Neuroendocrinology*. 31 : 222.
- Denckla, W.D. 1978. Interaction between age and the neuroendocrine and immune systems. *Fed. Proc. Fedn. Am. Soc. Exp. Biol.* 37 : 1263-1267.
- Department of Medical Sciences, Ministry of Public Health. 1987. *Thai Pharmacopoeia*. volumn I. Part I. Bangkok : Thailand.
- Desjardins, C.G., Brawer, R.J. and Beaudet, A. 1993. Estradiol is selectively Neurotoxic to hypothalamic β - endorphin neurons. *Endocrinology*. 132 : 86-93.
- Detitala, G. 1977. Dopamine and TSH secretion in man. *Lancet*. 11 : 760-761.

- Domino et al., 1987. Relation of plasma morphine concentration to severity of abrupt withdrawal in morphine-dependent monkey. J. Pharmacol. Exp. Ther. 243 : 138-143.
- Ester, K.S., and Simpkins, J.W. 1984. Aged - related alterations in dopamine and norepinephrine activity within microdissected brain regions of ovariectomized Long - Evan rats. Brain Res. 298 : 209.
- Everitt, A.W. 1973. The hypothalamic-pituitary control of aging and age-related pathology. Exp. Gerontol. 8 : 265-77.
- Ezzat, S., and Melmed, S. 1992. Pituitary tumors in the elderly In. J.E. Morley and S.G. Korenman (eds.), Endocrinology and Metabolism in the Elderly. Boston:Blackwell Scientific publication.
- Feldman, J.D. 1956. Effect of estrous and estrogen on thyroid uptake of I^{131} in rats. Endocrinology. 58 : 327-337.
- Ferland, L., Labrie, F., Kelly, P.A., and Reymond, V. 1980. Interaction between hypothalamic and peripheral hormones in the control of Prolactin Secretion. Federation Proc. 39 : 2917-2922.
- Ferrari et al., 1995. Neuroendocrine correlates of aging brain in human. Neuroendocrinology. 61 : 464-470.
- Field, E. A. and Khun, C.M. 1989. Opiate antagonist treatment reinstates estrous cycles in middle-aged persistent-estrous rats. Biology of Reproduction 40(4):714-9.
- Finch, E.C., and Hayflick, L., (eds.) 1977. Handbook of The Biology of Aging. New York : Van Nostrand Reinhold Company.
- _____, Felicio, L.S., Mobb, C.V., and Nelson, J.F. 1984. Ovarian and steroidal influences on neuroendocrine aging processes in female rodents. Endocr. Rev. 5 : 487-97.
- Frawley, L.S., and Neill, J.D. 1980. Effect of estrogen on serum prolactin levels in rhesus monkey after hypophyseal stalk transection. Bio. Reprod. 22 : 1089.
- Freire - Garabal, M., Balboa, J.L., Nunez, M.J., Castano, M.T., and Belmonte, A. 1992. Thyroid gland. Hormonr and Metabolic Reseach. 24 : 494-495.
- Fuxe, K., Hokfelt, T., and Ungerstedt, U. 1968. Location of indolealkylamines in CWS. Adv. Pharmacol. 6 : 235.

- Gambert, S. R., and Brensiger, J.F. 1983. Assessing thyroid function in the elderly. *Nurse Practitioner*. 8(7) : 38-9.
- Gavin et al., 1978. Alterations in serum thyroid hormones and thyroxine-binding globulins in patients with nephrosis. *J. Clin. Endocrinol. Metab.* 46 : 125.
- Gershengorn, M.C. 1982. Thyrotropin - releasing hormone : A review of the mechanisms of acute stimulation of pituitary hormone release. *Mol. Cell Biochem.* 45 : 163.
- Gold, M.S., Redmond, D.E., and Donabedian, R.K. 1979. The effects of opiate agonist and antagonist on Serum prolactin in primates : possible role for endorphins in prolactin regulation. *Endocrinology*. 105 : 284-289.
- Goldstein et al., 1979. Dynorphin-(1-13), an extraordinary potent opioid peptide. *Proc. Soc. Natl. Acad. Sci. U.S.A.* 76 : 6666-6670.
- Goya, R. G., and Meites, 1990. Gonadal function in aging rats and its relation to pituitary and mammary pathology. *Mechanism of Aging & Development*. 56(1) : 77-88.
- Graham, C.E. 1979. Reproductive function in aged female Chimpanzees. *American Journal of Physical Anthropology*. 50 : 291-300.
- Graham, C.E. 1986. Endocrinology of Reproductive senescence. In. W. R. Dukelow and J. Erwin (eds.), *Comparative primate Biology, Vol 3 : Reproduction and development*. pp. 93-99. New York : Alan R. Liss, Inc.,
- Graham, C.E., Kling, O.P., and Steiner, R. A. 1979. Reproductive senescence in female nonhuman primates. In D. J. Bowden (ed.), *Aging in Non - human Primates*. New York : Van Nostrand Reinhold.
- Gray, G. D., Terment, B., Smith, E. R., and Davidson, J.M. 1980. Luteinizing hormone regulation and sexual behavior in middle-aged female rats. *Endocrinology*. 107 : 187-194.
- Green, et al., 1977. Thyroid function and Thyroid regulation in euthyroid men with chronic liver disease : evidence of multiple abnormalities. *Clinical Endocrinol.* 7 : 453.
- Gregerson, A.K., and Selmanoff, M. 1990. Changes in the kinetics of [³H] dopamine release from median eminence and striatal synaptosomes during aging. *Endocrinology*. 126 : 228-234.
- Hadley, M. 1996. *Endocrinology*. 4th ed. Tucson:Prentice-hall international.
- Hall, A. D. 1984. *The Biomedical Basis of Gerontology*. Bristol : Wright.

- Harrison, E. D. 1982. The nature of aging In D. Wheatley (ed.), *Psychopharmacology of old age*. pp. 3-14. New York : Oxford University press.
- Heaney, R.P. 1991. Effect of calcium on skeletal development, bone loss, and risk of fractures. *Am. J. Med.* 25(5B) : 235-285.
- Hodgen, G. D., Goodman, A. L., O'Connor, A., Johnson, D.K. 1977. Menopause in rhesus monkeys : Model for study of disorders in the human climacteric. *Am. J. of Obst. and Gynecol.* 127 : 581-584.
- Ho, I.K., Loh, H.H., and Way, L.E.T. 1973. Effect of cyclic 3,5-adenosine monophosphate on morphine tolerance and physical dependence. *J. Pharmacol Exp. Ther.* 185 : 347-357.
- Ho, W.K., Wen, L.H., Fung, P.K., Ng, H.Y., Au, K.K., and Ma, L. 1977. Comparison of plasma hormonal levels between heroin addicted and hormonal subjects. *Clinica Acta.* 75 : 45-49.
- Hughes et al., 1975. Identification of two related pentapeptides from the brain with potent opiate agonist activity. *Nature.* 285 : 577-579.
- Ingbar, S.H., and Breverman, L.E. 1986. *The Thyroid : A Fundamental and Clinical text.* 5th ed. Philadelphia : J.B. Lippincott Company.
- Kabadi, U.M., and Premachandra, B.N. 1984. Low triiodothyronine and rised reverse triiodothyronine levels in pateints over fifty years of age who have type II diabetes mellitus : influence of metabolic control, not age. *J. of the Am. Geriatr. Socie.* 32(5) : 375-9.
- Kaiser, F.E., and Morley, J.E. 1989. The menopause and beyond. In C.R. Cassel and D. Reisenberg (eds.), *Geriatric medicine*. New York : Springer-Verlag.
- Kawagôe, S., Kaneko, N, and Hiroi, M. 1988. Twenty-Four-Hour Secretory Patterns of Prolactin in Women. In M.M. Taketani (ed.). *Role of Prolactin in Human Reproduction.* pp. 25-33.
- Kaufman, M. J., and madras, B.K. 1993. ((Super (3) H) CFT ((super (s) H) WIN 35,428) accumulation in dopamine regions of Monkey brain : Comparison of a mature and aged monkey. *Brain Res.* 6111 : 322-325.

- Kohama, G.S., and Bethea, L.C. 1995. Steroid Regulation of tyrosin hydroxylase messenger ribonucleic acid in dopaminergic subpopulations of monkey hypothalamus. Endocrinology. 136 : 1790-1800.
- Kohn, R.R. 1971. Principles of Mammalian Aging. pp. 1-171. New Jersey : Prentice-Hall.
- Kunitake, M.J., Pekary, E.A., and Hershman, M.J. 1992. Aging and Hypothalamic-Pituitary-thyroid axis In. J.E. Morley and S.G. Koren (eds.). Endocrinology and Metabolism in the elderly. pp. 92-110. Boston : Black well Scientific.
- Kwekkeboom, D.J., de Jong, F.H., van Hemert, A.M., Vandenbrouck, J.P., Valden burg, H.A., and Lamberts, S.W. 1990. Serum gonadotropin and alpha-subunit decline in aging normal postmenopausal Women. J. of Clin. Endocrinol. & Metab. 70(4) : 944-50.
- Larson, H.G., and Wise, M.P. 1991. Age-related alterations in prolactin secretion by individual cells as assessed by the reverse hemolytic plaque assay. Biology of Reproduction. 44 : 648-655.
- Limonta, P., Magii, R., Dondi, D., Martini, L., and Piva, F. 1987. Gonadal steroid modulation of brain opioid system. J. of Steroid Biochemistry. 27(4-6) : 691-6.
- Lloyd, J.M., Hofman, G.E., and Wise. 1994. Decline in immediate - early gene - expression in gonadotropin releasing - hormone neurons during proestrous in regulatory cycling, middle - aged rats. Endocrinology. 134 (Iss4) : 1800-1805.
- Lu, K.H., Hopper, B.R., Vargo, T.M., and Yen, S.S.C. 1979. Chronological changes in sex steroid, gonadotropin and prolactin secretion in aging female rats displaying different reproductive states. Bio. Reprod. 21 : 193-203.
- Lumb, V.W. 1963. Small animal Anesthesia. Philadelphia : Lea & Febiger.
- Lupulescu, A. 1982. Role of hormones in the etiology and pathogenesis of cancer. Hormones and Carcinogenesis New York: Praeger publishers.
- Macmahon, B., and Cole, P. 1969. Endocrinology and epidemiology of breast cancer. Cancer. 24 : 11146-1150.
- Malaivijitmond, S. 1990. The Effect of chronic Application of morphine hydrochloride on Thyroid Functions in Adult female Cynomolgus monkeys (Macaca fascicularis)
Graduate thesis, Department of Biology, Chulalongkorn University

- Malaivijitnond, S. 1994. Pharmacokinetics of Morphine Related to the Regulation of gonadal and thyroidal Functions in Pubertal and Adult Male Cynomolgus Monkeys. Ph.D. Thesis, Department of Biology, Chulalongkorn University.
- Mann, D.N.A., and yates, P.O. 1974. Lipoprotein pigments-theirs relationship to aging in the human nervous system I. The lipofuscin content of nerve cells. Brain. 97 : 481-488.
- Matin, W.R., and Eades, C.G. 1961. Demonstration of tolerance and physical dependence in the dog following a short-term infusion. J. Pharmacol. Exp. Ther. 133 : 262-270.
- McCinty, D., Stern, N., and Akshoomoff, N. 1988. In J.R. Showers and J.V. Felicetata (eds.), The Endocrinology of Aging. pp. 75-111. New York:Reven press.
- Meites, J. 1986. The neuroendocrinology of hypothalamic aging In E.E. Mulhur and R.M. Macleod, (eds.), Neuroendocrine perspectives. Vol. 5. Amsterdam : Elsevier.
- Meites, J., Goya, R., and Takahashi, S. 1987. Why the neuroendocrine system is important in aging process. Exp. Gerontol. 22 : 1-15.
- Mioduzewski, R., Simmerman, E., and Critchlow, V. 1982. Effects of Morphine dependence, withdrawal and tolerance on Prolactin and Growth hormone secretion in the rat. Life Science 30:1343-1348.
- Mistuma, T., and Nogimori, T. 1983. B - Neoendorphin inhibits thyrotrophin secretion in rats. Acta Endocrinol. 104 : 437-442.
- Mitra, I., and Haywar, J. 1974. Hypothalamic-pituitary-thyroid axis in brest cancer. Lancet. 1 : 885-888.
- Molnar, J., and Baraclough, C.A. 1994. Effects of morphine on hypothalamic tyrosine hydroxylase messenger - RNA levels measured by microdialysis. Molecular Brain Research. 22 (Iss.1-4) : 97-106.
- Murray, S.S. 1992. Theories of Biological aging In J.E. Morley and S.G. Koreman (eds.), Endocrinology and Methabolism in thelderly. pp. 3-22. Boston:Blackwell Scientific.
- Naeije et al., 1978. A low T₃ syndrome in diabetic ketoacidosis. Chem. Endocrinol. 42 : 1769.
- Neill, D.J. 1980. Neuroendocrine regulation of Prolactin. In L. Martini and W.F. Ganong (eds.), Frontiers in Neuroendocrinology. New York : Raven Press. 6 : 129.

- Neill, D.J., Frawley, S.L., Plotsky, M.P., and Tindall, T.G. 1981. Dopamine in hypophyseal stalk blood of the Rhesus monkey and Its role in regulating prolactin secretion *Endocrinology*. 108 : 489.
- Norzaki, Mitsunaga, Shimiza et al. 1993. Reproductive senescence in female Japanese monkey. Proceeding of the second intercongress symposium of the Asia Oceia society for comparative endocrinology. Thailand.
- Nyber, F., Cristensson-Nylander, I., Terenius, L. 1987. Measurement of opioid peptide Peskar (ed.), Radioimmunoassay in basic and Clinical pharmacology Volum 2 pp. 277-253. Berlin : Springer-Verlag.
- Oneill, P.A. 1992. Neuroendocrinology and Aging. Medical Laboratory Science. 49(Iss4) : 283-290.
- Ooka, H. 1993. Proliferation of anterior-pituitary-cells in relation to aging and longevity in rats. Zoological Science. 10 : 385-392.
- Oswald, J. 1972. Serum prolactin periodicity. Br. Med. J. 12 : 51
- Owen et al., 1983. Age-related morphine kinetics. Clin Pharmacol Ther. 34 : 364-368.
- Pansini et al., 1983. Blood prolactin levels : influence of age, menstrual cycle and oral contraceptives. Contraception. 28 : 201.
- Peters, A. Leahy, D., Moss, M., and McNally, K.J. 1994. The Effects of aging on area 46 of the frontal Cortex of the rhesus monkey. Cerebral Cortex. 4 : 621-635.
- _____, Sethares. 1993. Aging and the Meynert cells in rhesus monkey primary visual cortex. Anat. Rec. 236 : 721-729.
- Plotsky, P.M., Gribbs, D.M., and Neill, J.D. 1978. Liquid Chromatography electrochemical measurement of dopamine in hypophysial stalk blood of rats. Endocrinology 102 : 1887.
- Przewlocki, R., Przewlocka, B., and Lason, W. 1991. Adaptation of opioid system to stress. In O.F.X. Almeida and T.S. Shippenberg (eds.), Neurobiology of opioids, pp 229-244 Germany : Springer-Verlag Berlin Heidelberg.
- Quadri, S.K., Oyama, T., Spies, H.G. 1979. Effects of 17β - estradiol on serum prolactin levels and on prolactin responses to thyrotropin releasing hormone in female rhesus monkeys. Endocrinology. 104 : 1649.

- Quigley, M.M., and Haney, A.E. 1980. Evaluation of hyperprolactinemia : Clinical profiles. Clinical Obstetrics and Gynecology. 23 : 337-348.
- Ramsden, B.D., and Hoffenberg, R. 1983. The actions of thyroid hormones mediated via the cell nucleus and their clinical significance. Clinics in Endocrinology and Metabolism. 12 : 101-115.
- Refetoff, S., Fang, V.S., Rapport, B., and Friesin, H.G. 1974. Interrelationships in the regulation of TSH and prolactin Secretion in man : Effects of L-dopa, TSH, and thyroid hormone in various Combinations. J. Clin Endocrinol Metab. 38 : 450.
- Reis, J.D., and Hess, P. 1970. Change in enzymes subserving catecholamine metabolism in morphine tolerance and withdrawal in rat. Brain Res. 20 : 309-312.
- Reyes, F.I., Winter, J.S.D., and Faiman, C. 1977. Pituitary-ovarian relationships preceding the menopause. Am. J. obstet Gynecol. 129 : 557-66.
- Reymond, J.M., Kaur, C., and Porter, C.J. 1983. An inhibitory role for morphine on the release of dopamine into hypophysial portal blood and on the synthesis of dopamine in tuberoinfundibular neurons, Brain Res. 262 : 253.
- Reymond, V., Beaulieu, M., Labrie, F., and Bossier, J. 1978. Potent antidopaminergic activity of estradiol at the pituitary level on prolactin release. Science. 20 : 1173.
- Robert, L. 1977. Membrane and aging In G.H. Graham (ed.), Mammalian cell membranes : Responses of Plasma Membranes. pp 220-259. London : Butterworths.
- Roof, S.B. 1986. Homeostasis and aging: Research and clinic aspects (book review) Experimental Aging Research. 2(2) : 115-116.
- Rossi, G.L., Bestette, G.E., and Reymond, M.J. 1992. Tuberoinfundibular dopaminergic neurons and lactotropes in young and old female rats. Neurobiol. - Aging. 13 : 275-281.
- Rossmannith, W.G., Szilayi, A., and Scherbaum, W.A. 1992. Episodic thyrotropin (TSH) and prolactin (PRL) secretion during aging in postmenopausal women. Hormone & Metabolic Research. 24(4) : 185-90.
- Roy, K.A., and Chatterjee, B., eds. 1984. Molecular Basis of Aging. pp. 1-400
Orlando : Academic press.
- Sacktor, B. 1987. Endocrinology of aging. Endocrinol and Metab. Clin. of North America. 16 : 1-1074

- Sakurai et al., 1988. Thyroid function before and after maintenance hemodialysis in patients with chronic renal failure. *Endocrinologia Japonica*. 35(6) : 865-76.
- Sassin, J. F., Frantz, A.G., Kapen, S., and Weitzman, E.D. 1973. The nocturnal rise of human prolactin is dependent on sleep. *J. Clin. Endocrinol Metab.* 37 : 436.
- Sawin, C.T., Carson, H.E., Geller, A., Castelli, W.P., and Bacharch, P. 1989. Serum prolactin and aging : basal values and changes with estrogen use and hypothyroidism. *J. Gerontol.* 44 : M131-35.
- Scanlon, F.M., Weitzman, R.D., Shale, J.D. et al. 1979. Dopamine is a physiological regulator of Thyrotropin (TSH) secretion in normal man. *Clinical Endocrinology*. 10 : 7-15.
- Scherman, B.M., and Korenman, S.G. 1975. Hormonal Characteristic of the human menstrual cycle throughout reproductive life. *J. Clin. Invest.* 55 : 699-705.
- Scherman, S., 1967. The Blood morphology of laboratory animals 3rd ed. Philadelphia : Davis Company.
- Settheetham, W. 1992. Long Term Influence of Morphine hydrochloride upon Serum Levels of E₂, P, PRL, Cortisol and Sexual Behavior in Adult female Cynomolgus monkeys (Macaca fascicularis). Ph.D. dissertation, Chulalongkorn University.
- Shaar, J. C., and Clemens, A.J. 1974. The role of catecholamine in the release of anterior pituitary prolactin In vitro. *Endocrinology*. 98 : 1202.
- Shenkman, L., Mitsuma, T., Sophavai, A., and Hollander C.S. 1973. Response to thyrotropin releasing Hormone In man : Feedback inhibitory by thyroid hormone. *Am. J. Med. Sci.* 263 : 426.
- Sicher, K., and Waterhouse. J. 1967. Thyroid activity in relation to prognosis in mammary cancer. *Br. J. Cancer*. 41 : 512-518.
- Simpkiss, W.J., and Millard, J.W. 1987. Influence of age on neurotransmitter function. In B. Sacktor (ed.), Endocrinol and Metab. Clin. Of North America 16. Philadelphia : W.B. Saunders Company.
- Sirinathsignhji, D.J.S., and Heavens, R.P. 1989. Stress-related peptide hormones in the placenta : their possible physiological significance. *J. Endor.* 122 : 435-437.

- Snyder, P.J., Jacobs, L.S., Utiger, R.D., and Daughaday, W.H. 1973. Thyroid hormone inhibition of the prolactin response to thyrotropin-releasing hormone. J. Clin. Invest. 52 : 2324.
- Sohal, R.S. and Donato, H. 1978. Effects of experimentally altered life span on the accumulation of fluorescent age pigment in the housefly, Musca domestica Exp Gerontol. 13 : 335-341.
- Sohal, R.S., and Wokfe, L.S. 1986. Lipofuscin : Characteristics and Significance. Prog. Brain Res. 70 : 171-183.
- Sonntag, W.E., Forman, L.J., Fiori, J.M., Hylka, V.W., and Meites, J. 1984. Decrease ability of old male rats to secrete luteinizing hormone due alterations in pituitary LH-releasing hormone receptors. Endocrinology. 14 : 1657-64.
- Sowers, R.J., and Felicetta, V.J. 1988. Comprehensive Endocrinology : The Endocrinology of Aging. New York : Raven Press.
- Spaulding, W.S. 1987. Age and The thyroid. Endocrinology and Metabolism Clinics. 16 : 1013-1025.
- Steger, W.R., and Peluso, J.J. 1987. Sex hormones in aging female In B. Sacktor (ed.), Endocrinol and Metab. Clin. of North America 16. Philadelphia : W.B. Saunders Company.
- Stoelting, R.K. 1992. Pharmacology and Physiology in Anesthetic practice 2nd ed. Philadelphia : J.B. Lippincott.
- Strehler, B.L., Mark, D.D., Mildvan, A.S., and Gee, M.S. 1959. Rate and magnitude of age pigment accumulation in human myocardium. J. Geront. 14 : 430-439.
- Suganuma, N., Kikkawa, F., Narita, O., and Tomada, Y. 1988. In M. Mizuno, H.M. Oita and Y. Taketani (eds). Role of Prolactin in Human Reproduction. pp. 4-15. Paris : Kager.
- Sawaaprasert, K. 1991. Disorder of Thyroid hormone Functions and Influence upon Reproductive Hormone Production of Adult female Cynomolgus monkeys, (Macaca fascicularis) Chronically Forced-fed Daily with Methimazole and Its Recovery after Drug withdrawal. Ph.D. dissertation, Chulalongkorn University.

- Suwanprasert, K., Varavudhi, P., Poshyachinda, V., and Chaisiri, N. 1989. Physiological significance of TBG on regulation of thyroid hormone function in adult female *Macaca fascicularis* during normal cycle, MMI hypothyroidism and pregnancy Proceeding of an International Symposium held at University of Hong Kong 18-20 December 101-102.
- Tal, E., Koranyi, L., Kovacs, Z., and Endroczi, E. 1984. Short-term effect of morphine on thyroid gland in male rats. Acta Endocrinologica. 105 : 511-514.
- Tangpraprutigul, P., Cholvanich, P., and Varavudhi, P. 1987. Effects of bromocriptine on serum levels of LH, E₂, P and PRL in spontaneous galactorrhea female cynomolgus monkeys. J. Sci. Soc. Thailand. 13 : 205-220.
- Taylor, T., Zoeller, T. 1988. Thyrotropin-releasing hormone (TRH) and thyroid stimulating hormone (TSH) mRNA levels in response to acute and chronic hypothyroidism differ for young and old rats. Clin. Res. 36 : 391A
- Timiras, P.S. 1972. Development physiology and aging. New York : The Macmillance. pp. 411-416.
- Timiras, P.S. 1988. Physiological basic of aging and geriatric. New York : The Macmillance.
- Tolis, G., Hickey, J., and Guyda, H. 1975. Effects of morphine on serum growth, cortisol, prolactin and thyroid stimulating hormone in man. J. Clin. Endocrinol. Metab. 41 : 797-800.
- Treloar, A.E., Boynton, R.E., Benn, B.G., and Brown B.W. 1967. Variation of the human menstrual cycle through reproductive life. J. Fertil. 12 : 77-126.
- Trisdikoon, P. 1983. Endogenous opiate : characterization ana physical role in pain modulation. Thai J. Pharmacol. 5 : 77-96.
- Tyler, V.E., Brady, L.R. and Robbers, J.E. 1981. Pharmacognosy. 8th ed. Philadelphia : Lea & Febiger.
- Tyson, J.E., Hwang, P., Guyda, H., and Friesen, H.G. 1972. Studies of prolactin recretion in human Pregnancy. Am. J. Obstet. Gynecol. 133 : 14-16.

- Valla, L., Vicentini, M.L., and Meldolesi, J. 1988. Inhibition of Inositol phosphate Production Is a late, Ca^{++} - dependent Effect of D_2 dopaminergic receptor activation in rat lactotroph cell. The American Society for Biochemistry and Molecular Biology. 263 : 10127-10134.
- Van-Wagemen, 1970. Menopause in subhuman Primate (*Macaca mulatta*) Anat. Record. pp. 166-392.
- Varavudhi, P., and Yodyingyuad, V. 1980. Hormonal change during the menstrual cycle in the crab-eating monkey (*Macaca fascicularis*). Non-human Primate model for study of human reproduction, Satellite Symp. 9th Congr. Int. Primatol. Soc. (Anand Kuwar. T.C. Karager, Basel. pp. 55-66.
- Varavudhi, P., and Yodyingyuad, V. 1989. Growth and Reproduction potential of free ranging Cynomolgus monkeys (*Macaca fascicularis*) in a selected regions of Thailand. J. Sci. Soc. Thailand. 15 : 221-227.
- Varavudhi, P., Sae Low, W., and Jurangboon, H. 1993. Endocrine Changes in Pubescent Female Cynomolgus Monkeys, *Macaca Fascicularis* : Yellow vs Normal Color. Progress in Comparative Endocrinology Proceedings of the second Intercongress symposium of the Asia and Oceanic Society for Comparative Endocrinology. Chiangmai, Thailand.
- Varavudhi, P., Suwanprasert, K., and Setteetham, W. 1992. Reproductive Endocrinology of Free-ranging Adult Cynomolgus monkeys (*Macaca fascicularis*) in Thailand Primate Evolutionary Biology, Reproductive Endocrinology and virology Tokyo : Japan.
- Vollman, R.F. 1977. The menstrual cycle. Philadelphia : W.B. Saunders.
- Warner, M.R. 1979. Mammary pathology In D.M. Bowden (ed.), Aging in Nonhuman Primatis, pp. 210-228. New York : Nostrand Reinhold.
- Watanabe, H., and Sasaki, S. 1995. Effect of thyroid status on the prolactin-releasing action of vasoactive intestinal peptide in humans : Comparison with the action of vasoactive intestinal peptide in humans Neuroendocrinology. 61 : 207-212.
- Way, E.L., Loh, M.H., and Khen, F.H. 1969. Simultaneous Quantitative assessment of morphine tolerance and physical dependence. J. Pharmacol. Exp. Ther. 167 : 1-8.

- Wehrenberg, W.B., McNicol, D., Wardlaw, S.L., Frantz, A.G., and Ferin, M. 1981. Dopaminergic and serotonergic involvement in opiate-induced prolactin release in monkeys. *Endocrinology*. 109(2) : 544-7.
- Welsch, C.W., Nagasawa, H., and Meites, J. 1970. Increased incidence of spontaneous mammary tumors in female rats with induced hypothalamic lesions. *Cancer Research*. 30 : 2310-2313.
- Wenk, G.L. 1993. Age-related changes in monkey and rodent neurochemistry. *Neurobiol-Aging*. 14 : 689-690.
- Wickelgren, I. 1996. For the cortex, neuron loss may be less than thought. *Science*. 273(5) : 48-50.
- William, F.T. 1990. Endocrinology in Aging - A perspective In H.J. Ambrecht, R. M. Coe, and Wongsurawat (eds), *Endocrine Function and Aging*. New York : Springer - Verlag.
- Wise, P.M. 1982. Alterations in proestrous LH, FSH and Prolactin surges in middle-aged rats. *Proc. Soc. Exp. Med.* 169 : 348-54.
- Wise, P.M., and Ratner, A. 1980. Effect of ovariectomy on Plasma LH, FSH, estradiol and progesterone and media basal hypothalamic LHRH Concentrations in old and young rats. *Neuroendocrinology*. 30 : 15.
- Wise, P.M., and Ratner, A. 1982. Alterations in the proestrous pattern of median eminence LHRH, serum LH, FSH, estradiol and progesterone concentrations in middle-aged rats. *Life Sci*. 81 : 165-173.
- Wood, M., and Wood. A.J.J. 1990. *Drug and Anesthesia : Pharmacology for Anesthesiologists*. 2nd ed. Baltimore : Williams and Wilkins.
- Wynder, E.L. 1959. Identification of women at high risk for breast cancer. *Cancer*. 24 : 1235-1240.
- Yamaji, T., Shimamoto, K., Ishibashi, M., Kosaka, K., and Orimo, H. 1976. Effect of age and sex on circulating and pituitary prolactin levels in human. *Acta Endocrinol*. 83 : 711.

- Yoshida, T., Sato, M., Ohtoh M., Cho, F., and Hon, M. 1989. Effect of aging on the in vitro release of thyrotropin (TSH), triiodothyronine and thyroxine induced by TSH - releasing hormone in the cynomolgus monkeys (*Macaca fascicularis*). *Endocrinology*. 124 : 1287-1293.
- Yoshida, T., Suzuki, K., Cho, F., and Honjo, S. 1986. Multiple forms of pituitary luteinizing hormone and relative changes in amount of each component during menstrual cycle in cynomolgus monkey (*Macaca fascicularis*). *Am. J. Primatol.* 12 : 101.
- Zis, P.A; Haskett, F.R., Albala, A.A., and Carroll, J.B. 1984. Morphine inhibits cortisol and stimulates prolactin secretion in man. *Psychoneuroendocrinology*. 9 : 423-427.



สถาบันวิทยบริการ
จุฬาลงกรณ์มหาวิทยาลัย

ประวัติผู้เขียน

นางสาวนุชจรินทร์ แก้วกล้า เกิดวันที่ 8 กันยายน พ.ศ. 2511 ที่ตำบลกระแสน อำเภอแมลง
จังหวัดระยอง สำเร็จการศึกษาปริญญาตรี วิทยาศาสตร์บัณฑิต ภาควิชาชีววิทยา คณะวิทยาศาสตร์
มหาวิทยาลัยบูรพา ในปีการศึกษา 2534 และเข้าศึกษาต่อในหลักสูตรวิทยาศาสตรมหาบัณฑิต ที่จุฬาลงกรณ์
มหาวิทยาลัย เมื่อปลายปี พ.ศ. 2535 ในภาควิชาชีววิทยา คณะวิทยาศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย



สถาบันวิทยบริการ
จุฬาลงกรณ์มหาวิทยาลัย