

## รายการอ้างอิง

### ภาษาไทย

นิพนธ์ พวงวินทร์. โรคกลมชัก. คลินิก. พิมพ์ครั้งที่ 6. (กุมภาพันธ์ 2533) : 87-96.  
ราตรี สุดบรรจง. ประสาทสรีรวิทยา. พิมพ์ครั้งที่ 2. กรุงเทพมหานคร : สำนักพิมพ์จุฬาลงกรณ์  
มหาวิทยาลัย, 2535  
นฤรี ตันติสิริ และ กิพย์สุชาน ชูนган. ภารศึกษาถูกที่เมื่องคืนในการด้านหัวของ CU-763-10-01.  
น.ป.ก., 2538. (เอกสารไม่ตีพิมพ์)

### ภาษาอังกฤษ

- Abdal - Latif, A.A. Calcium mobilizing receptors polyphosphoinositide and generation of second messenger. Pharmacol. Rev. 38(1986): 227-272.
- Aksoy, M.O., Murphy,R.A., and Kamm, K.E. Role of  $\text{Ca}^{2+}$  and myosin light chain phosphorylation in regulation of smooth muscle. American Journal of Physiology. 242(1982): C102-C116.
- Antonio, A., Rocha M., and Yashuda Y. The tachyphylactic effect of barium on intestinal smooth muscle. Arch. Int. Pharmacodyn. 204(1973): 260-267.
- Apperley, E., Humphery, P.P.A., and Levy, G.P. Receptors for hydroxytryptamine and noradrenaline in rabbit isolated ear artery and aorta. Br. J. Pharmacol. 58(1976): 211-221
- Barlow, R.B., and Khan, I. The use of guinea pig ileum preparation for testing the activity of substances which imitated or antagonize the actions of 5 hydroxytrptamine and tryptamine. Br. J. Pharmacol. 14(1959): 553-558.
- Bayer, B.L., Mentz, P., and Forster, W. Characterization of the adrenoceptors in coronary arteries of pigs. European Journal of Pharmacology 29(1974): 58-65.

- Bialer, M., Haj-Yehia, A., Badir, K., and Hadad, S. Can we develop improved derivatives of valprolic acid? Pharmacy World & science. 16(1994): 2-5.
- Bolton, T.B. Mechanisms of action of transmitters and other substances on smooth muscle. Physiological Reviews. 59(1979a): 606-718.
- \_\_\_\_\_. Cholinergic mechanisms in smooth muscle. Br. Med. Bull. 35(1979b): 257-283.
- \_\_\_\_\_. The depolarizing action of acetylcholine or carbachol in intestinal smooth muscle. J. Physiol. 220(1972): 647-671.
- Briggs, D.B., et al. International union of pharmacology nomenclature of adrenoceptor. Pharmacol. rev. 46(1994): 121-136.
- Bultmann, R., Kurz, A.K., and Starke, K.  $\alpha_1$ -adrenoceptors and calcium sources in adrenergic neurogenic contractions of rat vas deferens. Br. J. Pharmacol. 111(1994): 151-158.
- Burgen, A.S.V., and Spero, L. The action of acetylcholine and other drugs on the efflux of potassium and rubidium from smooth muscle of the guinea-pig intestine. Br. J. Pharmacol. 34(1968): 99-11.
- Burkhalter, A., Julius, D., and Frick O.L. Histamine, serotonin and the ergot alkaloids In B. G. Katzung(ed.), Basis & Clinical Pharmacology 6<sup>th</sup> ed., pp. 251-275 U.S.A.: Prentice Hall, 1995.
- Burnham, W.M. Antiseizure drugs (anticonvulsants). In R. Kalant(ed.), Principles of medical pharmacology, 5<sup>th</sup> ed., pp. 203-213. Singapore: B. C. Decker Inc., 1989.
- Bylund, D.B., et al. International union of pharmacology nomenclature of adrenoceptor. Pharmacol. Rev. 46(1994): 121-136.
- Carsten, M. E., and Miller, J. D. A new look at uterine muscle contraction. Am. J. Obstet. Gynecol. 157(1987): 1303-1315.
- Chambon, J.P. et al. CM 40907: A structurally novel anticonvulsant in mice, rays and baboons. J. Pharmacol. Exp. Ther. 223(1985): 836-844.
- Chand, K. J. and Triggle, D. J. Quantitative aspects of drug-receptor interactions: I  $\text{Ca}^{2+}$  and cholinergic receptor activation in smooth muscle: a basic model for drug receptor interactions. J. Theor. Biol. 40(1973): 125-154.

- Clement, J. G. BaCl<sub>2</sub>-Induced contractions in the guinea pig ileum longitudinal muscle: Role of presynaptic release of neurotransmitters and Ca<sup>2+</sup> translocation in the postsynaptic membrane. Can. J. Physiol. Pharmacol. 59(1981): 541-547.
- Consigny, P.M. Phorbol Amplification of serotonin-induced arterial contractions is endothelium dependent. The American Physiological Society, (1989): H1174-H1179.
- Costa, M., and Furness, J. B. The sites of action of 5-hydroxytryptamine in never-muscle preparation from the guinea-pig small intestine and colon. Br. J. Pharmacol. 65(1979): 237-248.
- Daly, C.J., Dunn, W.R., Magrath, J.C., Miller, D.J., and Wilson, V.G. An examination of the sources of calcium for contractions mediated by postjunctional  $\alpha_1$  and  $\alpha_2$  adrenoceptors in several blood vessels isolated from the rabbit. Br. J. Pharmacol. 99(1990): 253-260.
- Davis, R., Peters, H., and McTavish, D.V. Valproic Acid: Areappraisal of its pharmacological properties and clinical efficacy in epilepsy. Drugs. 47(1994): 332-372.
- Docherty, J.R. and Strake, K. Postsynaptic  $\alpha$  adrenoceptor subtypes in rabbit blood vessels studied in vitro. Journal of Cardiovascular Pharmacology. 3(1981a): 854-866.
- \_\_\_\_\_. Postsynaptic  $\alpha$  adrenoceptor subtypes mediating nerve evoked contractions in blood vessels in vitro. Br. J. Pharmacol. 74(1982): 803P
- Flavahan, N.A., and Vanhoutte, P.M. classification in vascular smooth muscle. Trends in pharmacological sciences. 7(1986): 347-349.
- Feldberg, W. Effect of ganglion-blocking substances on the small intestine. J. Physiol. 113 (1951): 483-505.
- Fukuzako, H. and Izumi, K. Clinical aspects of the epilepsies In tunnicliff, G., nad Raess, B. U. (eds.) GABA Mechanisms in Epilisy, New York: Wiley-Liss, 1991, pp. 121-147.
- Gaddum, J.H., and Picarelli Z.P. Two kinds of tryptamine receptor. Br. J. Pharmacol. 12 (1957): 323-328.
- Ganong, W.F. Excitable tissue: muscle. in, Review of Medical Physiology, 6<sup>th</sup> ed. pp. 56-73. USA : Prentice-Hall International.

- Gonella, J. The physiological role of peripheral serotonergic neurons. A review. J. Physiol. 77(1981): 515-519
- Guh, J., Chuenh, S., Ko, F., and Teng, C. Characterization of adrenoceptor subtypes intension response of human prostate to electric field stimulation. Br. J. Pharmacol. 115 (1995): 142-146.
- Hardcastle, J., Hardcastle, P.T., and Redfern, J.S. Action of 5-hydroxytryptamine on intestinal on transport in the rat. J. Physiol. 320(1981): 41-45.
- Harry J. The action of drugs on the circular muscle strip from the rabbit isolated duodenum. Br. J. Pharmacol. 209(1963): 399-417.
- Hay, D.W.P., and Wadsworth, R.M. Effects of some organic calcium antagonists and other procedures affecting  $\text{Ca}^{2+}$  translocation on KCl-induced contractions in the rat vas deferens. Br. J. Pharmacol. 76(1982): 103-113.
- The contractile effects of 5-hydroxytryptamine on the rat isolated vas deferens. Br. J. Pharmacol. 77(1982): 605-613.
- The effects of calcium channel inhibitors and other procedures affecting calcium translocation on drug-induced rhythmic contractions in the rat vas deferens. Br. J. Pharmacol. 79(1983): 347-362.
- Effects of KCl on  $^{45}\text{Ca}$  uptake and efflux in the rat vas deferens. Br. J. Pharmacol. 81(1984): 441-447.
- Effects of methoxamine and barium on  $^{45}\text{Ca}^{2+}$  fluxes in the rat vas deferens. European Journal of Pharmacology. 225(1992): 313-320.
- Henderson, P., Ariens, E.J., and Simonis A.M. Differentiation of various types of cholinergic and other spasmogenic actions on the isolated guinea-pig ileum. European Journal of Pharmacology. 4(1968): 62-70.
- Hieble, J.P., and Bond, R.A. New directions in adrenoceptor pharmacology Trends in pharmacological sciences. 15(1994); 397-399.
- Hondeghem, L.M., Ayad, M.J., and Robertson, R.M. Verapamil, Diltizem and Nifedipine block the depolarization induced potentiation of norepinephrine contractions in rabbit aorta and porcine coronary arteries. J. Pharmacol. Exp. Ther. 10(1986): 808-813.

- Huang, Y. BaCl<sub>2</sub> and 4-Aminopyridine evoked phasic contraction in the rat vas deferens. *Br. J. Pharmacol.* 115(1995): 845-851
- Hudgins, P.M., and Weiss, G.B. Differential effects of calcium removal upon vascular smooth muscle contraction induced by norepinephrine, histamine and potassium. *The Journal of Pharmacology and Experimental Therapeutics.* 159(1968): 91-97.
- Kamm, K.E., and Stull, J. The function of myosin and myosin light chain kinase phosphorylation in smooth muscle. *Ann. Rev. Pharmacol. Toxicol.* 25(1985): 593-620
- Kajikuri, J., and Kuriyama, H. Inhibitory action of  $\alpha$ -human atrial natriuretic peptide on noradrenaline induced synthesis of myo-inositol 1,4,5-triphosphate in the smooth muscle cells of rabbit aorta. *Br. J. Pharmacol.* 99(1990): 536-540.
- Karaki, H., Satake, N., and Shibata, S. Mechanism of barium-induced contraction in vascular smooth muscle of rabbit aorta. *Br. J. Pharmacol.* 88(1986): 821-826.
- Karaki, H., and Weiss, G.B. Minireview: Calcium release in smooth muscle. *Life Sciences.* 42(1988): 111-122.
- Khoyi, M.A., Westfall, I.L.O., Buxton, F., Akhtar-Khavari, E., Rezaei, M., and Salaices, P. ( $Ca^{2+}$ )<sub>i</sub>-sensitive, IP<sub>3</sub>-independent  $Ca^{2+}$  influx in smooth muscle of rat vas deferens revealed by procain. *Br. J. Pharmacol.* 110(1993): 1353-1358.
- Lee, T.J.F., and Stitzel, R.E. Adrenomimetic drug. In crig, C.R., and Stitzel, R.E. (eds.). *Modern Pharmacology*, 4<sup>th</sup> ed. pp. 117-120 U.S.A.: 1994
- Ljung, B., and Kjellstedt, A. Functional antagonism of noradrenaline responses by Felodipine and other calcium antagonists in vascular smooth muscle. *Journal of Cardiovascular Pharmacology.* 10(1987): S82-S88.
- Loscher, W., and Nolting, B. The role of technical, biological and pharmacological factors in the laboratory evaluation of anticonvulsant drug. Iv. Protective indices. *Epilepsy Res.* 9(1991): 1-10.
- Muramatsu, I., Kigoshi, S., and Oshita, M. Two distinct  $\alpha_1$  adrenoceptor subtypes involved in noradrenaline contraction of the rabbit thoracic aorta. *Br. J. Pharmacol.* 101(1990): 662-666.

- Purdy, R. E., Murray, D. L. And Stupecky, G. L. Receptors for 5-hydroxytryptamine in rabbit blood vessels: Activation of alpha adrenoceptors in rabbit thoracic aorta. The Journal of Pharmacology and Experimental Therapeutics, 240(1986): 535-541.
- Rall, T.W., and Schleifer, L.S. Drugs effective in the therapy of the epilepsy, in Gilman, A. G., Rall, T.W., Nies, A.S., and Taylor, P. (eds) Goodman and Gilman's The Pharmacological Basis of Therapeutics, TT<sup>h</sup> ed., pp. 436-462. New York: Pergamon Press, 1990.
- Reynolds, E.E., and Dubyak, G.R. Activation of calcium mobilization and calcium influx by  $\alpha_1$  adrenoceptor in smooth muscle cell line. Biochem. Biophys. Res. Commun. 30(1985): 627-632.
- Rosenberger Lois, B., Ticku, M.K. and Trigger, D.J. The effect of  $Ca^{2+}$  antagonists on the mechanical responses and  $Ca^{2+}$  movements in guinea-pig ileal longitudinal smooth muscle. Can. J. Physiol. Pharmacol. 57(1979): 333-347.
- Spedding, M., and Paoletti, R. Classification of calcium channels and the sites of action of drugs modifying channel function. Pharmacol. Rev. 44(1992): 362-376.
- Tsien, R.W., Ellinor, P.T., and Horne, W.A. Molecular diversity of voltage dependent  $Ca^{2+}$  channel. Trends in pharmacological sciences. 129(1991); 652-67.
- Vanhoutte, P.M. Cardiovascular effects of serotonin. Journal of Cardiology Pharmacology. 10(Suppl 3): S8-S11.
- Vesperinas, G., et al. The use of ryanodine and calcium channel blocker to characterize intra- and extracellular calcium pools mobilized by noradrenaline in the rat vas deferens. Eur. J. Pharmacol. 165(1989): 309-313.
- Williams, E.M. Vaughan. The mode of action of drugs upon intestinal motility. Pharmacol. Rev. 6(1954): 159-190.
- Zifa, E., and Fillion, G. 5-Hydroxytryptamine receptor. Pharmacol. Rev. 44(1992): 402-445.

## ประวัติผู้เขียน

นางสาวอุรารัตน์ ศักดิ์สิทธิ์วัฒน์ เกิดเมื่อวันที่ 7 กรกฎาคม พ.ศ. 2514 ที่จังหวัดกรุงเทพมหานคร สำเร็จการศึกษาปฐมยุติเรียนสัชศาสตรบัณฑิต เกียรตินิยมอันดับสอง จากคณะเภสัชศาสตร์ มหาวิทยาลัยรังสิต เมื่อปีการศึกษา 2537 จากนั้นศึกษาต่อในหลักสูตรเภสัชศาสตร์ มหาวิทยาลัย สาขาวิชาเภสัชวิทยา ที่คณะเภสัชศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย ในปีการศึกษา 2537



สถาบันวิทยบริการ  
จุฬาลงกรณ์มหาวิทยาลัย