

BIBLIOGRAPHY

- Agoda, G.I., and Osuji, J. Effect of garlic oil extract on serum, liver and kidney enzymes of rats fed on high sucrose and alcohol diets. Biochem. Inter. 13 (1986): 615.
- Augusti, K.T., and Mathew, P.T. Lipid lowering effect of allicin (diallyl disulfide oxide) on long term feeding to normal rats. Experientia 30 (1974) : 468.
- Ayensu, E.S. Medicinal plants of the West Indies. Washington D.C. Office of Biol Conservat Smithsonian Institute, 1978 (unpublished manuscript).
- Bickoff, E.M. Estrogen-like substances in plants, Physiology of reproduction. Iowa Oregon State Univ. Press. 10 (1963) : 148.
- Bolton, T.B. Mechanism of action of transmitters and other substances in smooth muscle. Physiol. Rev. 59 (1979) : 607.
- Bordia, A. Effect of garlic on human platelet aggregation in vitro. Atherosclerosis 30 (1978) : 355.
- _____ Effect of garlic on blood lipids in patients with coronary heart disease. Am. J. Clin. Nutr. 34 (1981) : 2100.
- _____ and Verma, S.K. Effect of garlic feeding on regression of experimental atherosclerosis in rabbits. Artery 7 (1980) : 428.
- Borvonsin, S., Thongkukiat, A. The effect of garlic on weight of ovaries and uterus, 1986 (unpublished).

- _____ and Chumponbunchorn, K. The effect of garlic (Allium sativum) on uterine motility. Royal Thai Army Med. J. 41 (1988) : 3.
- _____, Rerksngarm, T., and Chumpolbunchorn, K. Effect of dose, dosage form and manufacturing date of garlic on uterine motility. Royal Thai Army Med. J. 42 (1989) : 54.
- Bottari, S.P., Vokaer, A., Kaivez, E., Lescrainier, J.P., and Vauquelin, G.P. Differential regulation of alpha-adrenergic receptor subclasses by gonadal steroids in human myometrium. J. Clin. Endocrinol. Metab. 57 : 5 (1983) : 937.
- Cavallito, C.J., Buck, J., and Suter, C. Allicin, The antibacterial principle of Allium sativum. II. Determination of the chemical structure. J. Am. Chem. Soc. 66 (1944) : 1952.
- Cohen, M.W., Jones, O.T., and Angelides, K.J. Distribution of Ca^{2+} channels on frog motor nerve terminals revealed by fluorescent omega-conotoxin. J. Neurosci. 11 (1991) : 1032.
- Czajka, P., Pharm, D., Field, J., Novak, P., and Kunnecke, J. Accidental aphrodisiac ingestion. J. Tenn. Med. Assoc. 71 (1978) : 747.
- Dixit, V.P., and Joshi, S. Effects of chronic administration of garlic (Allium sativum Linn) on testicular function. Ind. J. Exp. Biol. 20 (1982) : 534.

- Forman, A., Andersson, K-E., and Maigaard, S. Effects of calcium channel blockers on the female genital tract. Acta. Pharmacol. Toxicol. 58 (Suppl. 2) (1986) : 183.
- Fuchs, A.R., and Fuchs, F. Endocrinology of human parturition: a review. Br. J. Obstet. Gynecol. 91 (1984) : 948.
- Garfield, R.E. Control of myometrial function in preterm versus term labor. Clin. Obstet. Gynecol. 27 (1984) : 572.
- Goldberg, M.T., and Josephy, P.D. Studies on the mechanism of action of diallyl sulfide, an inhibitor of the genotoxic effects of cyclophosphamide. Can. J. Physiol. Pharmacol. 65 (1986) : 467.
- Jain, R.C., and Vyas, C.R. Garlic in alloxan-induced diabetic rabbits. Amer. J. Clin. Nutr. 28 (1975) : 684.
- _____ Effect of alcoholic extract of garlic in atherosclerosis. Amer. J. Clin. Nutr. 31 (1978) : 1982.
- Jansen, H., Muller, B., and Knobloch, K. Allicin characterization and its determination by HPLC. Planta Medica (1987) : 559.
- Johnson, M.G., and Vaughn, R.H. Death of Salmonella typhimurium and Escherichia coli in the presence of freshly reconstituted dehydrated garlic and onion. Appl. Microbiol. 17 (1969) : 903.

- Kamm, K.E., and Stull, J.T. The function of myosin and myosin light chain kinase phosphorylation in smooth muscle. Annu. Rev. Pharmacol. Toxicol. 25 (1985) : 593.
- Lohsiriwat, S., and Anumanrajadhon, Y. Human uterine muscle contraction in vitro. J. Med. Ass. Thailand. 69 (1986): 535.
- Lorenzo, V.B., and Orellana, J.M. Action of garlic, corticotropin and cortisone on vaginal estrus. Arch. Inst. Pharmacol. Exptl. 8 (1955) : 5.
- _____ Sanchez, B., Murias, F., and Dominguez, M.C. Garlic extract as an oxytocic substance (II). Arch. Inst. Pharmacol. 10 (1958) : 10.
- Maigaard, S., Forman, A., Brogaard-Hansen, K.P., and Anderson, K-E. Inhibitory effects of nitrendipine on myometrial and vascular smooth muscle in human pregnant uterus and placenta. Acta. Pharmacol. Toxicol. 59 (1986) : 1.
- Mathew, P.T., and Augusti, K.T. Studies on the effect of allicin (diallyl disulfide oxide) on alloxan diabetes. 1. Hypoglycaemic action and enhancement of serum insulin effect and glycogen synthesis. J. Ind. Biochem. Biophys. 10 (1973) : 209.
- Moore, G.S., and Atkin, B.D. The fungicidal and fungistatic effects of aqueous garlic extract on medically important yeast-like fungi. Mycologia 69 (1977) : 341.

- Morizaki, N., Morizaki, J., Hayashi, R.H., and Garfield, R.E.
A functional and structural study of the innervation of
the human uterus. Am. J. Obstet. Gynecol. (1989) :
218.
- Odum, C.U., and Broughton Pipkin, F. Studies on the effects of
nitrendipine on oxytocin-, angiotensin II- and
ergometrine-induced contraction of pregnant human
myometrium in vitro. Br. J. Obstet. Gynecol. 95
(1988) : 765.
- Pritchard, I.A., and MacDonald, P.C. Williams Obstetrics
16th ed. New York. Appleton-Century-Crofts 1980.
- Permpintong, A. Effect of allicin on rat uterine contraction.
Thesis for M.Sc., Graduate School, Chulalongkorn
University, 1991.
- Poolsanong, N. Pharmaceutical production of sugar-coated
tablets and capsules of garlic. Production Division,
Armed-Force Pharmaceutical Factory, 1984 (unpublished).
- Prakash, A.O., and Mathur, R. Screening of Indian plants for
antifertility activity (II, IV, VI) (Short
communication) Indian J. Exp. Biol. 14 (1976) :
623.
- Qian, Y.X., Shen, P.J., Xu, R.Y., Liu, G.M. Yang, H.Q.,
Lu, Y.S., Sun, P., Zhang, K.W., Qi, L.M., and Lu, G.H.
Spermicidal effect in vitro by the active principle
of garlic. Contraception 34 (1986) : 295.

- Qureshi, A.A., Abuirmeileh, N., Din, Z.Z., Elson, C.E., and Burger, W.C. Inhibition of cholesterol and fatty acid biosynthesis in liver enzymes and chicken hepatocytes by polar fractions of garlic. Lipids 18 (1983) : 343.
- Rao, R.R., Rao, S.S., and Venkataramon, S.M.P.R. Inhibition of Mycobacterium tuberculosis by garlic extract. Nature 157 (1946) : 441.
- Saha, J.C., Savini, E.C., and Kasinathan, S. Ecbohic properties of Indian medicinal plants (I). Indian J. Med. Res. 49 (1961) : 180.
- Semmler, F.W. Über das atherische Öl des Knoblauchs. Arch. Pharmaz. 230 (1892) : 434.
- Shalinsky, D.R., McNamara, D.B., and Agrawal, K.C. Inhibition of GSH - dependent PGH₂ isomerase in mammary adenocarcinoma cells by allicin. Prostaglandins 37 : 1 (1989) : 135.
- Sharaf, A. Food plants as a possible factor in fertility control (I, II, III, IV, V, VI) Qual. Plant Meta. Veg. 17 (1969) : 153.
- Steer, P.J. The endocrinology of parturition in the human. Baillieres Clin. Endocrinol. Metab. 4 (1990) : 333.
- Stoll, A., and Seebeck, E. Chemical investigations on alliin, the specific principle of garlic. Adv. Enzymol. 11 (1951) : 377.

- Tewari, P.V., Mapa, H.C., and Chaturvedi, C. Experimental study on estrogenic activity of certain indigenous drugs. J. Res. Indian. Med. Yoga Homeopathy, 11 (1976) : 7.
- Tinao, M., and Terren, R.C. Actions of Allium sativum (garlic) and combination on uterine motility (I and II). Arch. Inst. Pharmacol. Exptl. 8 (1955) : 127.
- Triggle, D.J. Calcium antagonists : Basic chemical and pharmacological aspects. New Perspectives on Calcium Antagonist edited by Weiss, G.B., Waverly Press, Inc., Baltimore, Maryland 1981 : 1.
- Ulmsten, U., Andersson, K-E., and Forman, A. Relaxing effect of nifedipine in the non-pregnant human uterus in vitro and in vivo. Obstet. Gynecol. 51 (1978) : 436.
- Watananukul, P., Intaragumthornchai, T., Kunprayoon, S., Ratanon, S., Akkawat, B., and Pukdeebumrung, K. Garlic and fibrinolytic activity. Chula. J. Med. 32 (1988): 2.
- Ylikorkala, O., and Makila, U.M. Prostacyclin and thromboxane in gynecology and obstetrics. Am. J. Obstet. Gynecol. 152 (1985) : 318.
- Zelis, R., and Moore, R. Recent insights into the calcium channels. Circulation 80 (1989) : IV 14.

BIOGRAPHY

Mrs. Juraiporn Somboonwong was born on 14th September, 1962, in Bangkok. She received her high school certificate from Triam Udom Suksa School in 1981 and graduated with M.D. from the Faculty of Medicine, Chulalongkorn University in 1987.

