

เอกสารอ้างอิง



เดิมศรี ชำนิจารกิจ, สถิติประยุกต์ทางการแพทย์, หน้า 291, โรงพิมพ์จุฬาลงกรณ์มหาวิทยาลัย, กรุงเทพมหานคร, พิมพ์ครั้งที่ 1, 2525.

บุศบรรณ ณ สงขลา, สมุนไพรไทย ตอนที่ 1, หน้า 6-8, หจก. พันธุ์พืชลิขซึ่ง, กรุงเทพมหานคร, 2525.

ปัญจางค์ ธนังกุล และ ชัยโย ชัยชาตพิพยุท, "การศึกษาทางคลินิกของสมุนไพรฟ้าทะลายโจร ในโรคอุจจาระร่วงและบิดแบคทีเรีย," รามธิบดีเวชสาร, 8(2), 57-61, 2528.

พเยาว์ เหมือนวงษ์ญาติ, ตำราวิทยาศาสตร์สมุนไพร, หน้า 3-4, ศูนย์การพิมพ์พลชัย, กรุงเทพมหานคร, พิมพ์ครั้งที่ 1, 2529.

สำนักงานคณะกรรมการสาธารณสุขมูลฐาน, "ข้อมูลฟ้าทะลายโจร *Andrographis paniculata* (Burm.f.) Nees.," สำนักงานปลัดกระทรวงสาธารณสุข, กรุงเทพมหานคร, 2529.

โสภิต ธรรมอารี, จันทิมา ปโชติการ, มณฑิรา คัดพิเกยุร และคณะ, "ฤทธิ์ของยาสมุนไพรบางชนิดที่มีสรรพคุณในการรักษาโรคท้องร่วงและบิดโดยการบีบตัวของลำไส้เล็กหนูตะเภา," ภาควิชาเภสัชวิทยา คณะแพทยศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย กรุงเทพมหานคร, 2527.

Abdel-Latif, A.A., "Calcium-mobilizing Receptors, Polyphosphoinositides, and the Generation of Second Messengers," Pharmacol.Rev., 38(3), 227-272, 1986.

Antonio, A., M.R.E. Silva, and Y. Yashuda, "The Tachyphylactic Effect of Barium on Intestinal Smooth Muscle," Arch.int. Pharmacodyn., 204, 260-267, 1973.

- Asprey, G.F., and P. Thornton, "Medicinal Plants of Jamaica,"
W.I. med.J., 2, 233-252, 1953.
- Bertaccini, G., "Amines : Histamine," Handbook of Experimental
Pharmacology (Bertaccini, G., eds.) vol 59, pp. 201-218,
Springer-Verlag, Berlin, 1982.
- Bolton, T.B., "On the Nature of the Oscillations of the Membrane
Potential (Slow Waves) Produced by Acetylcholine or
Carbachol in Intestinal Smooth Muscle," J.Physiol., 216,
403-418, 1971.
- _____. "Mechanism of Action of Transmitters and Other Substances
on Smooth Muscle," Physiol.Rev., 59(3), 606-718, 1979 a.
- _____. "Cholinergic Mechanisms in Smooth Muscle," Br.Med.Bull.,
35(3), 275-283, 1979 b.
- Brading, A.F., and P. Sneddon, "Evidence for Multiple Sources of
Calcium for Activation of the Contractile Mechanism of
Guinea-pig Taenia Coli on Stimulation with Carbachol,"
Br.J.Pharmac., 70, 229-240, 1980.
- Bremekamp, C.E.B., Studies in the Flora of Thailand, pp. 75-76,
EJNAR Munksgaard, Copenhagen, 1961.
- Burgen, A.S.V., and L. Spero, "The Action of Acetylcholine and
Other Drugs on the Effect of Potassium and Rubidium from
Smooth Muscle of the Guinea-pig Intestine," Br.J.Pharmac.,
34, 99-115, 1968.

- Chakravarti, D., and R.N. Chakravarti, "Andrographolide. Part I,"
J.Chem.Soc., May-June, 1697-1700, 1952.
- Chan, W.R., D.R. Taylor, C.R. Willis, and R.L. Bodden, "The Structure
and Stereochemistry of Neoandrographolide, A Diterpene
Glucoside from *Andrographis paniculata* Nees.," Tetrahedron,
27, 5081-5091, 1971.
- Chang, K.J., and D.J. Triggle, "Quantitative Aspects of Drug-Receptor
Interactions, I. Ca^{2+} and Cholinergic Receptor Activation
in Smooth Muscle : a Basic Model for Drug-Receptor
Interaction," J.theor.Biol., 40, 125-153, 1973.
- Chang, R.S.L., V.T. Tran, and S.H. Snyder, "Characteristics of
Histamine H_1 -Receptors in Peripheral Tissues Labeled with
 $[H^3]$ Mepyramine," J.Pharmac.Exp.Ther., 209(3), 437-442, 1979.
- Chaudhuri, S.K., "Influence of *Andrographis paniculata* (Kalmegh) on
Bile Flow and Hexabarbitone Sleeping in Experimental
Animals," Indian J.Exp.Biol., 16, 830-832, 1978.
- Chiou, C.Y., "Mechanism of Acetylcholine Release by Drugs and its
Blockade," Arch.int.Pharmacodyn., 201, 170-181, 1973.
- Choudhury, B. Roy, and M.K. Poddar, "Effect of Kalmegh Extract on
Rat Liver and Serum Enzymes," Biol.Abstr., 78(5), 4483, 1984.
- Cleland, W.W., "Dithiothreitol, a New Protective Reagent for SH Group,"
Biochemistry, 3(4), 480-482, 1964.

- Clement, J.G., "Investigations into the Mechanism of Morphine and Ethanol Inhibition in the Guinea-pig Ileum Longitudinal Muscle Strip," Can.J.Physiol.Pharmacol., 58, 265-270, 1980.
- _____. "BaCl₂-induced Contractions in the Guinea-pig Ileum Longitudinal Muscle : Role of Presynaptic Release of Neurotransmitters and Ca²⁺ Translocation in the Postsynaptic Membrane," Can.J.Physiol.Pharmacol., 59, 541-547, 1981.
- Day, M., and J.R. Vane, "An Analysis of the Direct and Indirect Actions of Drugs on the Isolated Guinea-pig Ileum," Br.J.Pharmacol., 20, 150-170, 1963.
- Douglas, W.W., "Histamine and 5-Hydroxytryptamine (Serotonin) and Their Antagonists," The Pharmacological Basis of Therapeutic (Gilman, A.G., S.L. Goodman, and A. Gilman, eds.) pp. 608-646, Macmillan Publishing Co., INC., New York, 1980.
- Durbin, R.P., and D.H. Jenkinson, "The Calcium Dependence of Tension Development in Depolarized Smooth Muscle," J.Physiol., 157, 90-96, 1961.
- Dutta, A., and N.C. Sukul, "Filaricidal Properties of a Wild Herb, *Andrographis paniculata*," J. of Helminthology, 56, 81-84, 1982.
- Feng, P.C., L.J. Haynes, K.E. Magnus, J.R. Plimmer, and H.S.A. Sherratt, "Pharmacological Screening of Some West Indian Medicinal Plants," J.Pharm.Pharmacol., 14, 556-561, 1962.

- Fleisch, J.H., M.C. Kržan, and E. Titus, 'Pharmacologic Receptor Activity of Rabbit Aorta, Effect of Dithiothreitol and N-Ethylmaleimide," Circulation Res., 33, 284-290, 1973.
- Fosbraey, P., and E.S. Johnson, "Modulation by Acetylcholine of the Electrically-Evoked Release of [³H]-Acetylcholine from the Ileum of the Guinea-pig," Br.J.Pharmac., 69, 145-149, 1980.
- Fujita, T., R. Fujita, Y. Takeda, Y. Takaishi, T. Yamada, and M. Kido, "On the Diterpenoids of *Andrographis paniculata* : X-Ray Crystallographic Analysis of Andrographolide and Structure Determination of New Minor Diterpenoids," Chem.Pharm.Bull., 32(6), 2117-2125, 1984.
- Garcia, L.L., Q.L. Kintanar, F.R. Fojas, F.M. Sison, N.G. Chua, B.A. Villanueva, "Pharmacologic Studies on the Leaves of *Andrographis paniculata* Nees. Plant Grown in the Philippines," Med. & Aromat.Plants Abstr., 3(6), 24-25, 1981.
- Harry, J., "The Action of Drugs on the Circular Muscle Strip from the Guinea-pig Isolated Ileum," Br.J.Pharmacol., 20, 399-417, 1963.
- Karaki, H., M. Ikeda, and N. Urakawa, "Movement of Calcium During Tension Development Induced by Barium and High-Potassium in Guinea-pig Taenia Coli," Jap.J.Pharmacol., 19, 291-299, 1969.
- Karaki, H., N. Satake, and S. Shibata, "Mechanism of Barium-induced Contraction in the Vascular Smooth Muscle of Rabbit Aorta," Br.J.Pharmacol., 88, 821-826, 1986.

- Karlin, A., and E. Bartels, "Effects of Blocking Sulfhydryl Groups and of Reducing Disulfide Bonds on the Acetylcholine-activated Permeability System of the Electoplax," Biochem.Biophys. Acta., 126, 525-535, 1966.
- Kleipool, R.J.C., "Constituents of *Andrographis paniculata* Nees.," Nature, 169, 33-34, 1952.
- Macht, D.I., and J. Barba-Gose, "Two New Methods for Pharmacological Comparison of Insoluble Purgatives," J.Am.Pharm.Ass., 20(6), 558-564, 1931.
- Moktader, A., and S.S. Guha-Sircar, "On the Bitter Principle from *Andrographis paniculata* Nees. Part I," J.Indian Chem.Soc., 16, 333-338, 1939.
- Nakanishi, K., S. Sasaki, A.K. Kiang, J.Goh, H.Kakisawa, M. Ohashi, M. Goto, J. Watanaba, H. Yokotani, C. Matsumura, and M. Togashi, "Phytochemical Survey of Malaysian Plants Preliminary Chemical and Pharmacological Screening," Chem.Pharm.Boll., 13(7), 882-890, 1965.
- Nazimudeen, S.K., S. Ramaswamy, and L. Kameswaran, "Effect of *Andrographis paniculata* on Snake Venom Induced Death and Its Mechanism," Indian J.Pharm.Sci., 40, 132-133, 1978.
- Parsons, M.E., "Histamine Receptors in Alimentary and Genito-urinary Smooth Muscle," Pharmacology of Histamine Receptors (Ganellin, C.R., and M.E. Parsons; eds.) pp. 323-350, Wright PSG, London, 1982.

- Paton, W.D.M., "The Response of the Guinea-pig Ileum to Electrical Stimulation by Coaxial Electrodes," J.Physiol., 127, 40-41, 1955.
- Paton, W.D.M., and M.A. Zar, "The Origin of Acetylcholine Released from Guinea-pig Intestine and Longitudinal Muscle Strips," J.Physiol., 194, 13-33, 1968.
- Perry, W.L.M., Pharmacological Experiments on Isolated Preparations, pp. 1-2, E. & S. Livingstone, London, 2nd ed., 1970.
- Pfaffman, M., N. Urakawa, and W.C. Holland, "Role of Metabolism in K-induced Tension Changes in Guinea-pig Taenia Coli," Am.J.Physiol., 208(6), 1203-1205, 1965.
- Raj, R.K., "Screening of Indigenous Plants for Antihelmintic Action Human *Ascaris lumbricoides* : Part-II," Indian J.Physiol Pharmacol., 19, 47-49, 1975.
- Sanders, K.M., and A.J. Bauer, "Ethyl Alcohol Interferes with Excitation-Contraction Mechanisms of Canine Antral Muscle," Am.J.Physiol., 242, G 222 - G 230, 1982.
- Shamsuzzoha, M., M.S. Rahman, M.M. Ahmed, and A.K.M. Aminul Islam, "Antifertility Effect in Mice of Medicinal Plant of Family Acanthaceae," The Lancet, 21, 900, 1978.
- Shamsuzzoha, M., M.S. Rahman, and M.M. Ahmed, "Antifertility Activity of a Medicinal Plant of the Genus *Andrographis* Wall. (Family Acanthaceae), Part II," Med. & Aromat.Plants Abstr., 2(4), 240, 1980.

- Suzuki, T., A. Nishiyama, and K. Okamura, "The Effects of Barium Ion on the Resting and Action Potential of Intestinal Smooth Muscle Cell," Tohoku J.exp.Med., 32, 87-92, 1964.
- Tajuddin, A. Shahid, and M. Tariq, "Anti-inflammatory Activity of *Andrographis paniculata* Nees," Med. & Aromat. Plants Abstr., 6(6), 486, 1984.
- Takayanagi, I., T. Hongo, and Y. Kasuya, "Difference in the Mechanisms by which Acetylcholine and Histamine Interact with Ca^{2+} to Contract the Rabbit Taenia Coli," J.Pharm. Pharmac., 29, 775-776, 1977.
- Urakawa, N., and W.C. Holland, " Ca^{45} Uptake and Tissue Calcium in K-induced Phasic and Tonic Contraction in Taenia Coli," Am.J.Physiol., 207(4), 873-876, 1964.
- Van Den Broucke, C.O., and J.A. Lemli, "Antispasmodic Activity of Origanum Compactum," Planta Medica, 38, 317-331, 1980.
- Van Rossum, J.M., J.A.Th.M. Hurkmans, and C.J.J. Wolters, "Cumulative Dose-Response Curves II. Technique for the Making of Dose-Response Curves in Isolated Organs and the Evaluation of Drug Parameters," Arch.int.Pharmacodyn., 143(3-4), 299-330, 1963.
- Viswanathan, S., P. Kulanthaivel, S.K. Nazimudeen, and T. Vinayakam, "The effect of Apigenin 7,4'-di-O-Methyl Ether, A Flavone from *Andrographis paniculata* on Experimentally Induced Ulcers," Indian J.Pharm.Sci., 43(5), 159-161, 1981.

Weiming, C., and L. Xiaotian, "Deoxyandrographolide-19 β -D-Glucoside from the Leaves of *Andrographis paniculata*," Planta Medica, 45, 245-246, 1982.

Weiss, G.B., "Stimulation with High Potassium," Method in Pharmacology Smooth Muscle (Daniel, E.F., and D.M. Paton, eds.) Vol 3, pp. 339-345, Plenum Press, New York - London, 1975.

Yoshino, M., and H. Yabu, "Single Ca Channel Currents in Mammalian Visceral Smooth Muscle Cell," Pflügers Arch., 404, 285-286, 1985.

Yukisada, N., and F. Ebashi, "Role of Calcium in Drug Action on Smooth Muscle," Jap.J.Pharmacol., 11, 46-53, 1961.

ประวัติผู้เขียน

นางสาว เพชรรัตน์ พงศ์รรรยากุล เกิดเมื่อวันที่ 2 มกราคม พ.ศ. 2501
ที่จังหวัดอุบลราชธานี ได้รับการศึกษาระดับมัธยมศึกษาตอนปลายจากโรงเรียนเตรียมอุดม-
ศึกษา และสำเร็จการศึกษาระดับปริญญาตรีวิทยาศาสตร์บัณฑิต (พยาบาลและผดุงครรภ์) จาก
คณะพยาบาลศาสตร์ มหาวิทยาลัยมหิดล

