

เอกสารอ้างอิง

- ชาวดิต นิยมธรรม. 2540. ไม้ต้นในพื้นที่บ้านพรุ จังหวัดนราธิวาส. กรุงเทพฯ : บริษัทอมรินทร์พรินติ้งแอนด์พับลิชิ่ง จำกัด. หน้า 26.
- นันทawan บุญยประภัศร และ อรุณ โชคชัยเจริญ. 2541. สมุนไพรในพื้นบ้าน(2). กรุงเทพฯ : บริษัทประชาชน. หน้า 117-118.
- ลีนา ผู้พัฒนาพงศ์. 2522. สมุนไพรไทย. กรุงเทพฯ : นิจธรรมดำเนินพิมพ์. หน้า 112.
- Abe, F., Yamauchi, T. and Wan, A.S.C. 1988. Sesqui-sester- and trilignans from stem of *Cerbera manghas* and *C. odollam*. *Phytochemistry*. 27: 3627-3631.
- Abe, F., Yamauchi, T. and Wan, A.S.C. 1989. Cerberalignans J-N, oligonans from *Cerbera manghas*. *Phytochemistry*. 28: 3473-3476.
- Abe, F., Mori, Y. and Yamauchi, T. 1992. Cardenolide glycosides from the seeds of *Asclepias curassavica*. *Chem. Pharm. Bull.* 40: 2917-2920.
- Abe, F. and Yamauchi, T. 1992. Cardenolide triosides of Oleander leaves. *Phytochemistry*. 31: 2459-2463.
- Allen, J.C., Martinez-Maldonado, M., Eknowyan, G., Suki, W.N. and Schwartz, A. 1971. Relation between digitalis binding *in vivo* and inhibition of sodium, potassium-adenosine triphosphatase in canine kidney. *Biochem. Pharmacol.* 20: 73-80.
- Auchampach, J.A., Zhe-Dong Ge, Wan, T.C., Moore, J. and Gross, G.J. 2003. A3 adenosine receptor agonist IB-MECA reduces myocardial ischemia-reperfusion injury in dogs. *Am. J. Physiol. Heart Circ. Physiol.* 285: H607-H613.
- Baer, A. 2001. *Renal tubular function*.
(<http://meds.queensu.ca/medicine/physiol/undergrad/phase2/01Ph2Renall.htm>.)
- Baer, P.G., Navar, L.G. and Guyton, A.C. 1970. Renal autoregulation, filtration rate, and electrolyte excretion during vasodilation. *Am. J. Physiol.* 219: 619-625.
- Baker, H.J., Lindsey, J.R. and Weisbroth, S.H. 1979. The laboratory rat. Biology and Diseases.
- Ball, S.G., Oats, N.S. and Lee, M.B. 1978. Urinary dopamine in man and rat: effects of inorganic salts on dopamine excretion. *Clin. Sci. Mol. Med.* 55: 167-173.
- Balligand, J.L., Kelly, R.A., Marsden, P.A., Smith, T.W. and Michel, T. 1993. Control of cardiac muscle cell function by an endogenous nitric oxide signaling system. *Proc. Natl. Acad. Sci.* 90: 347-351.

- Barajas, L. 1964. The innervation of the juxtaglomerular apparatus an electron microscopic study of the innervation of the glomerular arterial. *Lab. Invest.* 13: 916-929.
- Bell, P.D. 1978. Cyclic AMP. Calcium interaction in the transmission of tubuloglomerular feedback. *Annu. Rev. Physiol.* 49: 275-293.
- Berglund, F. 1965. Renal clearance of inulin, polyfructosan-S and a polyethylene glycol (PE1000) in the rat. *Acta. Physiol. Scand.* 64: 238-244.
- Berthold, H., Just, A., Kirchheim, H.R. and Ehmke, H. 1999. Interaction between nitric oxide and endogenous vasoconstrictors in control of renal blood flow. *Hypertension.* 34: 1254-1258.
- Berne, R.M. and Levy, M.N. 2000. *Principles of physiology.* (3rd ed.), St. Louis: Mosby.
- Bilotta, J., Pazik, M., Greizerstein, H. and Acara, M. 1984. Renal pressor effect of ethanol in the isolated perfused rat kidney. *Eur. J. Pharm.* 98: 109-112.
- Blinks, J.R. 1986. Intracellular Ca²⁺ measurements. *The heart and cardiovascular system.* 671-701.
- Bomsztyk, K. and Wright, F.S. 1982. Effects of transepithelial fluid flux on transepithelial voltage and transport of calcium, sodium, chloride and potassium by renal proximal tubule. *Kidney Int.* 21: 269.
- Bullock, J., Boyle, J. and Wang, M.B. 2001. *Physiology.* (4th ed.), Philadelphia: Lippincott Williams&Wilkins.
- Carruthers, S.G., Hoffman, B.B., Melmon, K.L. and Nierenberg, D.W. 2000. *Clinical Pharmacology* (4th ed.), 1038 pp. Boston: McGraw-Hill.
- Chemla, D., Antong, I., Lecarpentier, Y. and Nitenberg, A. 2003. Contribution of systemic vascular resistance and total arterial compliance to effective arterial elastance in humans. *Am. J. Heart Circ. Physiol.* 285: H614-H620.
- Chen, K.K. and Steldt, F.A. 1942. Cerberin and Cerberoside, The cardiac principle of *Cerbera odollam*, *J. Pharmacol.* 76: 167-174.
- Civelli, O., Buznow, J.R. and Grandy, D.K. 1993. Molecular diversity of the dopamine receptors. *Annu. Rev. Pharmacol. Toxicol.* 32: 281-307.
- Colantonio, D., Casale, R., Desiati, P., Michele, G.D., Mammarella, M. and Pasqualetti, P. 1990. A possible role of atrial natriuretic peptide in ethanol-induced acute diuresis. *Life Sci.* 48: 635-642.
- Crambert, G., Hasler, U., Beggah, A.T., Yu, C., Modyanov, N.N., Horisberger, J.D., Lelievre, L.

- and Geering, K. 2000. Transport and pharmacological properties of a human Na,K-ATPase isozymes. *J. Biol. Chem.* 275: 1976-1986.
- Dahl, J.L. and Hokin, L.E. 1974. The sodium-potassium adenosine-triphosphatase. *Annu. Rev. Biochem.* 43: 327-356.
- Davidson, W.D. and Sackner, M.A. 1963. Inulin determination by anthrene method. *J. Lab. Clin. Med.* 62: 351-356.
- Davies, M.K. and Hollman, A. 1998. Digitalis and strophanthus cardiac glycosides. *Heart.* 80:4.
- DiFrancesco, D. 1995. The onset and autonomic regulation of cardiac pacemaker activity: relevance of the *f* current. *Cardiovascular Res.* 29: 449-456.
- Doucet, A., Katz, A.I. and Morel, F. 1979. Determination of Na-K-ATPase activity in single segments of the mammalian nephron. *Am. J. Physiol.* 237: F105-F113.
- Dunbar, L.A. and Caplant, M.J. 2001. Ion pumps in polarized cells: sorting and regulation of the Na^+, K^+ -and H^+, K^+ -ATPase. *J. Biol. Chem.* 276: 29617-29620.
- Eisenhofer and Johnson, R.H. 1982. Effect of ethanol ingestion on plasma vasopressin and balance in humans. *Am. J. Physiol.* 242: R522-R527.
- Eisner, D.A. and Smith, T.W. 1991. The Na-K pump and its effectors in cardiac muscle. *The heart and cardiovascular system.* 863-902.
- EL Mernissi, G. and Doucet, A. 1984. Quantitation of [3H] ouabain binding and turnover of Na-K-ATPase along the rabbit nephron. *Am. J. Physiol. Renal fluid Electrolyte Physiol.* 247: F158-F167.
- Endoh, M. and Blinks, J.R. 1988. Actions of sympathomimetic amines on Ca^{2+} transients and contractions of rabbit myocardium: reciprocal changes in myofibrillar responsiveness to Ca^{2+} mediated through α -and β -adrenoreceptors. *Circ. Res.* 62: 247-265.
- Fadem, S.Z., Hernandez-Liamas, G., Patak, R.V., Rosenblatt, S.G., Lifschitz, M.D. and Stein, J.H. 1982. Studies on the mechanism of sodium excretion during drug-induced vasodilatation in the dog. *J. Clin. Invest.* 69: 604-610.
- Feraille, E. and Doucet, A. 2001. Sodium-potassium-adenosine triphosphatase-dependent sodium transport in the kidney : Hormonal control. *Physiol. Rev.* 81: 345-418.
- Ferraiolo, B.L. and Pace, D.G. 1978. Digoxin-induced decrease in intraocular pressure in the cat. *Eur. J. Pharm.* 55: 19-22.
- Ganong, W.F. 2001. Review of medical physiology (20th ed.). New York: McGraw-Hill.

- Glynn, I.M. 1973. The nature of the sodium pump. In: *Modern Diuretic Therapy in the Treatment of Cardiovascular and Renal Disease*, edited by Lant, A.F. and Wilson, G.M. pp. 179-187. Amsterdam: Excerpta Medica.
- Gok, S., Ulker, S., Huseyinov, A. and Evinc, A. 1997. Effects of a lipoxygenase inhibitor on digoxin-induced cardiac-arrhythmias in the isolated perfused guinea-pig heart. *Gen. Pharmac.* 29: 789-792.
- Greger, R. 1990. Possible sites of lithium transport in the nephron. *Kidney Int.* S26-S30.
- Guyton, A.C. and Hall, J.E. 2000. *Textbook of Medical Physiology*. (10th ed.), Philadelphia: W.B. Saunders company.
- Hall, J.E., Guyton, A.C., Smith, M.J. and Coleman, T.G. 1979. Chronic blockade of angiotensin II formation during sodium deprivation. *Am. J. Physiol.* 237: F424-F432.
- Hardman, J.G., Gilman, A.C. and Limbird, L.E. 1996. *The Pharmacological Basis of Therapeutics* (9th ed.), 810 pp. New York: McGraw-Hill.
- Harrison, G.J., van Wijhe, M.H., de Groot, B., Dijk, F.J., Gustafson, L.A. and van Beek, J.H.G.M. 2003. Glycolytic buffering affects cardiac bioenergetic signaling and contractile reserve similar to creatine kinase. *Am. J. Physiol. Heart Circ. Physiol.* 285: H883-H890.
- Hass, J.A., Hammond, T.G., Granger, J.P., Blaine, E.H. and Knox, F.G. 1984. Mechanism of natriuresis during intrarenal infusion of prostaglandin. *Am. J. Physiol.* 247: F475-F479.
- Hauptman, P.J. and Kelly, R.A. 1999. Digitalis. *Circulation*. 99: 1265-1270.
- Hermansson, K., Larson, M., Kallskoy, O. and Wolgast, M. 1981. Influence of renal nerve activity on arteriolar resistance, ultrafiltration dynamics and fluid reabsorption. *Pflugers Arch.* 389: 85-90.
- Hopkins, T.A., Sugden, M.C., Holness, M.J., Kozak, R., Dyck, J.R.B. and Lopaschuk, G.D. 2003. Control of cardiac pyruvate dehydrogenase activity in peroxisome proliferator-activated receptor- α transgenic mice. *Am. J. Physiol. Heart Circ. Physiol.* 285: H270-H276.
- Johnston, H.H., Herzog, J.P. and Laufer, D.P. 1967. Effects of prostaglandin E₁ on renal hemodynamics, sodium and water excretion. *Am. J. Physiol.* 213: 939-946.
- Joseph, J., Joseph, L., Shekhawat, N.S., Devi, S., Wang, J., Melchert, R.B., Haver-Jensen, M. and Kennedy, R.H. 2003. Hyperhomocysteinemia leads to pathological ventricular hypertrophy in normotensive rats. *Am. J. Physiol. Heart Circ. Physiol.* 285: H679-H686.
- Kaplanski, J., Weinhouse, E., Topaz, M. and Genchik, G. 1983. Verapamil and digoxin:

- interactions in the rat. *Res. Communications in Chem. Pathol. and Pharmacol.* 42: 377-388.
- Katz, A.M. 2001. *Physiology of the Heart* (3rded.), Philadelphia: Lippincott Williams&Wilkins.
- Katz, A.I. and Epstein, F.H. 1968. Physiologic role of sodium-potassium-activated adenosine triphosphatase in the transport of cation across biologic membranes. *N. Engl. J. Med.* 278: 253-261.
- Katz, A.I., Doucet, A. and Morel, F. 1979. Na-K-ATPase activity along the rabbit, rat, and mouse nephron. *Am J. Physiol.* 237: F114-F120.
- Katzung, B.G. 2001. *Basic&Clinical Pharmacology*. (8thed.), New York: McGraw-Hill.
- Kimura, K., Sachiko, I., Takeshi, S., Hikaru, Y., Isao, S., Naobumi, M., Shigeyoshi, O., Kazuhisa, M., Akihiro, T., Yasunobu, H., Atsuo, S., Kazuo, M. and Masao, O. 1997. Location and action of angiotensin II type I receptor in the renal microcirculation. *Kidney Int.* 52: S-201-S-204.
- Kinne, R., Schmitz, J.E. and Kinne-Saffran, E. 1971. The localization of the $\text{Na}^+ \text{-K}^+$ -ATPase in the cells of rat kidney cortex. A study on isolated plasma membranes. *Pflügers Arch.* 321: 191-206.
- Kirchhof, P., Fabritz, L., Fortmuller, L., Matherne, P., lankford, A., Baba, H.A., Schmitz, W., Breithardt, G., Neumann, J. and Boknik, P. 2003. Altered sinus nodal and atrioventricular nodal function in freely moving mice overexpressing the A₁ adenosine receptor. *Am J. Physiol. Heart Circ. Physiol.* 285: H145-H153.
- Kirima, K., Tsuchiya, K., Sei, H., Hasegawa, T., Shikishima, M., Motobayashi, Y., Morita, K., Yoshizumi, M. and Tamaki, T. 2003. Evaluation of systemics by EPR spectroscopy: HbNO as an endogenous index of ON. *Am. J. Physiol. Heart Circ. Physiol.* 285: H589-H596.
- Kittleson, M.D., Eyster, G.E., Knowlen, G.G., Olivier, N.B. and Anderson, L.K. 1985. Efficacy of digoxin administration in dogs with idiopathic congestive cardiomyopathy. *J. Am. Veterinary Medical Association.* 186: 162-165.
- Koch, M., Wendorf, M., Dendorfer, A., Wolfrum, S., Schulze, K., Spillmann, F., Schultheiss, H.P. and Tschope, C. 2003. Cardiac kinin level in experimental diabetes mellitus: role of kinases. *Am. J. Physiol. Heart Circ. Physiol.* 285: H418-H423.
- Kocic, I. And Korolkiewicz, Z. 1998. Digoxin effects in the guinea pig heart: interaction with rimalkalim. *Pharmacol. Res.* 37: 67-73.
- Kon, V. and Ichikawa, I. 1983. Effector for renal nerve control of cortical microcirculation.

- Am. J. Physiol.* 245: F545-F553.
- Kovacevic, Z. and Bajin, K. 1982. Loading of mitochondria with ^{14}C glutamine and study of the kinetics of its efflux from the organelles. *Contrib. Nephrol.* 31: 111-114.
- Krishna, G.G., Danovitch, G.M., Beck, F.W. and Sowers, J.R. 1985. Dopaminergic mediation of the natriuretic response to volume expansion. *J. Lab. Clin. Med.* 105: 214-218.
- Kuzmin, O.K. and Tarasov, S.V. 1992. The interaction of the Ca^{2+} -channel blocker verapamil with cardiac glycosides in the rat kidney. *Eksp. Klin. Farmakol.* 55: 30-32.
- Lamiere, N., Vanholder, S.R. and Leusen, I. 1980. Role of medullary hemodynamics in the natriuresis of drug-induced renal vasodilation in the rat. *Circ. Res.* 47: 839-844.
- Laphookhieo, S., Cheenpracha, S., Karalai, C., Chantrapromma, S., Rat-a-pa, Y., Ponglimanont, C. and Chantrapromma, K. 2004. Cytotoxic cardenolide glycoside from the seeds of *Cerbera odollam*. *Phytochemistry.* 65: 507-510.
- Levick, J.R. 2000. *An Introduction to Cardiovascular Physiology.* (3rd ed.), New York: ARNOLD.
- Lingrel, J.B. and Kuntzweiler, T. 1994. Na^+, K^+ -ATPase. *J. Bilo. Chem.* 269: 19659-19662.
- Linkola, J., Fyhrquist, and Ylikahri, R. 1979. Renin, aldosterone and cortisol during ethanol intoxication and hangover. *Acta. Physiol. Scand.* 106: 75-82.
- Lisawhee, F.L. and Lip, G.Y.H. 1998. Digoxin revisited. *Q. J. Med.* 91: 259-264.
- Maack, T.B., Marion, D.N., Camargo, M.J., Kleinert, H.D., Laragh, J.H., Vaughn, E.D. and Atlas, S.A. 1984. Effects of auriculin (atrial natriuretic factor) on blood pressure, renal function, and the renin-aldosterone system in dogs. *Am. J. Med.* 77: 1069-1075.
- Marban, E. and Tsien, R.W. 1982. Enhancement of calcium current during digitalis inotropy in mammalian heart: positive feed-back regulation by intracellular calcium. *J. Physiol.* 329: 589-614.
- Marin-Grez, M., Cottone, P. and Carretero, Q.A. 1972. Evidence for an involvement of kinins in regulation of sodium excretion. *Am. J. Physiol.* 223: 734-796.
- Mason, D.T. and Braunwald, E. 1964. Studies on digitalis: X. Effects of ouabain on forearm vascular resistance and venous tone in normal subjects and patients with heart failure. *J. Clin. Invest.* 43: 532-543.
- Matsumura, Y., Tadano, K. and Yamasaki, T. 1999. Renal haemodynamic and excretory responses to bradykinin in anaesthetized dogs. *Cli. Exper. Pharmaco. & Physiol.* 26: 645-650.

- McDonough, A.A., Magyar, C.E. and Komatsu, Y. 1994. Expression of $\text{Na}^+ \text{-K}^+$ -ATPase α -and β -subunits along rat nephron: isoform specificity and response to hypokalemia. *Am. J. Physiol. Cell Physiol.* 267: C901-C908.
- McGarry, S.J. and Williams, A.J. 1993. Digoxin activates sarcoplasmic reticulum Ca^{2+} -release channels: A possible role in cardiac inotropy. *Bri. J. Pharmacol.* 108: 1043-1050.
- Medford, R.M. 1993. Digitalis and the Na-K(+)-ATPase. *Heart Dis. Stroke.* 2: 250-255.
- Mikkelsen, E., Andersson, K.E., Lederballe Pedersen, O. 1979. Effects of digoxin on isolated human peripheral arteries and veins. *Acta. Pharmacol. Toxicol.* 45: 249-256.
- Miyamoto, T., Kawada, T., Takaki, H., Inagaki, Y.M., Yanagiya, Y., Jin, Y., Sugimachi, M. and Sunagawa, K. 2003. High plasma norepinephrine attenuates the dynamic heart rate response to vagal stimulation. *Am. J. Physiol. Heart Circ. Physiol.* 284: H2412-H2418.
- Musabayane, C.T., Cooper, R.G., Vara Prasada Rao, P.V. and Balment, R.J. 2000. Effects of ethanol on the changes in renal fluid and electrolyte handling and kidney morphology induced by long-term chloroquine administration to rats. *Alcohol.* 22: 129-138.
- Mutschler, E., Derendorf, H., Schafer-Korting, M., Elrod, K. and Estes, K.S. 1995. *Drug Actions*, 353 pp. Boca Raton: Medpharm.
- Nagai, K., Murakami, T., Iwase, T., Tomita, T. and Sasayama, S. 1996. Digoxin reduces β -adrenergic contractile response in rabbit heart Ca^{2+} -dependent inhibition of adenylyl cyclase activity via $\text{Na}^+/\text{Ca}^{2+}$ -exchange. *Clin. Invest.* 97: 6-13.
- Neutze, J.M., Wyler, F. and Rudolph, A.M. 1968. Use of radioactive microspheres to assess distribution of cardiac output of microspheres. *Am. J. Physiol.* 215: 486-491.
- Nishikawa, Y., Steep, D.W. and Chilian, W.M. 1999. *In vivo* location and mechanism of EDHF mediated vasodilation in canine coronary microcirculation. *Am. J. Physiol.* 277: H1252-H1259.
- Norton, T.R., Bristol, M.L., Read, G.W., Bushnell, O.A., Kashiwagi, M., Okinaga, C.M. and Oda, C.S. 1973. Pharmacological evaluation of medicinal plants from western samoa. *J. Pharm. Sci.* 62: 1077.
- Ogiso, T., Iwaki, M. and Konishi, Y. 1984. Effects of digoxin on plasma clearance and anticoagulant effects of warfarin in rats. *J. Pharmacobio-Dynamics.* 7: 186-194.
- Oosthock, P.W., Viragh, S. and Mayen, A.E.M. 1993a. Immunohistochemical delineation of the conduction system I: The sinoatrial node. *Circ. Res.* 73: 473-481.

- Oosthock, P.W., Viragh, S. and Lamers, W.H. 1993b. Immunohistochemical delineation of the conduction system II: The atrioventricular node and Purkinje fibers. *Circ. Res.* 73: 482-491.
- Opie, L.H. 1998. *The heart physiology, from cell to circulation.* (3rded.), Philadelphia: Lippincott Williams&Wilkins.
- Pace, D.G., Quest, J.A. and Gillis, R.A. 1974. The effect of the vagus nerves on the bradycardia and ventricular arrhythmias induced by digitoxin and digoxin. *European J. Pharmacol.* 28: 288-293.
- Piuhola, J., Makinen, M., Szokodi, I. And Ruskoaho, H. 2003. Dual role of endothelin-1 via ET_A and ET_B receptors in regulation of cardiac contractile function in mice. *Am. J. Physiol. Heart Circ. Physiol.* 285: H112-H118.
- Qin, F., Shite, J. and Liang, C. 2003. Antioxidants attenuate myocyte apoptosis and improve cardiac function in CHF: association with changes in MAPK pathways. *Am. J. Physiol. Heart Circ. Physiol.* 285: H822-H832.
- Rang, H.P., Dle, M.M. and Ritter, J.M. 1999. *The circulation in Pharmacology.* (3rded.), pp. 346-368. Edinburgh: Churchill livingstone.
- Roden, D.M. and Hoffman, B.F. 1985. Action potential prolongation and induction of abnormal automaticity by low quinidine concentration in canine Purkinje fibers. Relationship to potassium and cycle length. *Circ. Res.* 56: 857-867.
- Rodrigo, R. and Thieleman, L. 1997. Effects of chronic and acute ethanol exposure on renal (Na⁺K⁺)-ATPase in the rat. *Gen. Pharmac.* 29: 719-723.
- Schmidt, U. and Dubach, U.C. 1971. Na-K stimulated adenosine-triphosphatase: intracellular localization within the proximal tubule of rat nephron. *Pflügers Arch.* 330: 265-270.
- Schultz, H.D., Gardner, D.G., Deschepper, C.F., Coleridge, H.M. and Coleridge, J.C. 1988. Vagal C-fiber blockade abolishes sympathetic inhibition by atrial natriuretic factor. *Am. J. Physiol.* 255: R6-R13.
- Schwartz, J.S. and Bache, R.J. 1988. Effect of ouabain on large coronary artery diameter. *J. Cardiovasc. Pharmacol.* 11: 608-613.
- Skomedal, T., Aass, H., Osnes, J.B., Fjeld, N.B., Klingen, G., Jangslet, A. and Semb, G. 1985. Demonstration of an alpha-adrenoreceptor-mediated inotropic effect of norepinephrine in human atria. *J. Pharmacol. Exp. Ther.* 233: 441-446.
- Skou, J.C. 1965. Enzymatic basis for active transport of Na⁺ and K⁺ across cell membrane.

- Physiol. Rev.* 45:596-617.
- Smith, H.W., Finkelstein, N. and Aliminosa, L. 1945. The renal clearances of substituted hippuric acids derivatives and other aromatic acids in dogs and man. *J. Clin. Invest.* 42: 388-404.
- Smith, T.W. 1988. Digitalis: Mechanisms of action and clinical use. *N. Engl. J. Med.* 318: 358-365.
- Sweadner, K.J. 1989. Isozymes of the Na^+/K^+ -ATPase. *Biochem. Biophys. Acta.* 988: 185-220.
- Tajima, M., Bartunek, J. and Weinberg, E.O. 1998. Atrial natriuretic peptide has different effects on contractility and intracellular pH in normal and hypertrophied myocytes from pressure overloaded hearts. *Circulation.* 98: 2760-2764.
- Takagi, G., Asai, K., Vatner, S.F., Kudej, R.K., Rossi, F., Peppas, A., Takagi, I., Resuello, R.R.G., Natividad, F., You-Tang shen. And Vatner, D.E. 2003. Gender differences on the effects of aging on cardiac and peripheral adrenergic stimulation in old conscious monkeys. *Am. J. Physiol. Heart Circ. Physiol.* 285: H527-H534.
- Therien, A.G. and Blostein, R. 2000. Mechanisms of sodium pump regulation. *Am. J. Physiol. Cell Physiol.* 279: C541-C566.
- Thomsen, K. and Olesen, O.V. 1984. Renal lithium clearance as a measure of the delivery of water and sodium from the proximal tubule in human. *Am. J. Med. Sci.* 288: 158-161.
- Thoren, P., Mark, A.L., Morgan, D.A., O'Neill, T.P., Needleman, P. and Brody, M.J., 1986. Activation of vagal depressor reflexes by atriopeptins inhibits renal sympathetic nerve activity. *Am. J. Physiol.* 251:1252-1259.
- Thorp, R.H. 1953. A survey of the occurrence of cardio-active constituents in plants growing wild in australia. I. families Apocynaceae and Asclepiadaceae. *Aust. J. Exp. Biol.* 31: 529-535.
- Tiefenbacher, C.P., Kapitza, J., Dietz, V., Le~~t~~, C.H. and Niroomand, F. 2003. Reduction of myocardial infarct size by fluvastatin. *Am. J. Physiol. Heart Circ. Physiol.* 285: H59-H64.
- Tielemans, R.G., Blaauw, Y., Van Gelder, I.C., DeLangen, C.D.J., Kam, P.J., Grandjean, J.G., Patberg, K.W., Bel, K.J., Allessie, M.A. and Crijns, H.J.G.M. 2000. Digoxin delays recovery from tachycardia induced electrical remodeling of the atria. *Circulation.* 100: 1836.
- Valdes, R., Jortani, S.A. and Gheorghiade, M. 1998. Standards of laboratory practice: cardiac drug monitoring. *Clin. Chem.* 44: 1096-1109.

- Valtin, H. and Schafer, J.A. 1989. Renal function. (3rd ed.), chapter 6. Boston: Little Brown and Company.
- Vander, A. 2001. *Human physiology*. Boston: McGraw-Hill.
- Verheijck, E.E., Wessels, A. and van Ginneken, A.C.G. 1998. Distribution of atrial and nodal cells within the rabbit sinoatrial node. Models of sinoatrial transmission. *Circulation*. 97: 1623-1631.
- Vetterlein, F., Schrader, C., Volkmann, R., Neckel, M., Ochs, M., Schmidt, G. and Hellige, G. 2003. Extent of damage in ischemic, nonreperfused, and reperfused myocardium of anesthetized rats. *Am. J. Physiol. Heart Circ. Physiol.* 285: H755-H765.
- Villa, E., Garcia-Robles, R., Haas, J. and Romero, J.C. 1997. Comparative effect of PGE2 and PGEI2 on renal function. *Hypertension*. 30: 664-666.
- Wallick, E.T., Lane, L.K. and Schwartz, A. 1979. Regulation by vanadate of ouabain binding to ($\text{Na}^+ \text{-K}^+$)-ATPase. *J. Biol. Chem.* 254: 8107-8109.
- Wei, C.C., Lucchesi, P.A., Tallaj, J., Bradley, W.E., Poweel, P.C. and Dell' Italia, L.J. 2003. Cardiac interstitial and mast cells modulate pattern of LV remodeling in volume overload in rats. *Am. J. Physiol. Heart Circ. Physiol.* 285: H784-H792.
- Windhager, E.E. 1992. *Handbook of physiology "renal Physiology"*, New York: Oxford published for the American Physiology Society by Oxford University Press.
- Woo, A.L., James, P.F. and Lingrel, J.B. 1999. Characterization of the fourth α isoform of the Na,K-ATPase. *J. Membr. Biol.* 169: 39-44.
- Xie, Z. and Askari, A. 2002. Na^+/K^+ -ATPase as a signal transducer. *Eur. J. Biochem.* 269: 2434-2439.
- Yamauchi, T., Abe, F. and Wan, A.S.C. 1987a. Cardenolide monoglycosides from the leaves of *Cerbera odollam* and *Cerbera manghas* (Cerbera. III). *Chem.Pharm.Bull.* 35: 2744-2749.
- Yamauchi, T., Abe, F. and Wan, A.S.C. 1987b. Studies on Cerbera. IV. polar cardenolide glycoside from the leaves of *Cerbera manghas*. *Chem.Pharm.Bull.* 35: 4813-4818.
- Yamauchi, T., Abe, F. and Wan, A.S.C. 1987c. Studies on Cerbera. V. minor glycosides of 17 α -digitoxigenin from the stems of genus Cerbera. *Chem.Pharm.Bull.* 35: 4993-4995.
- Yamauchi, T., Abe, F. and Santisuk, T. 1990. Cardiac glycosides of *Beaumontia brevituba* and *B. murtonii*. *Phytochemistry*. 29: 1961-1965.
- Yasujima, M., Abe, K., Tanno, M., Kohzuki, M., Kanazawa, M., Yoshida, K., Omata, K., Sato,

- M., Takeuchi, K. and Hiwatari, M. 1990. Effects of digoxin on blood pressure responses to norepinephrine, angiotensin II and vasopressin in conscious rats. *The Tohoku J. Experimen. Medicine.* 162: 203-212.
- Yuan, B.H., Robinette, J.B. and Corner, J.D. 1990. Effects of angiotensin II and norepinephrine on isolated rat afferent and efferent arterioles. *Am. J. Physiol.* 258: F741-F750.
- Zahler, R., Sun, W., Ardito, T., Zhang, Z., Kocsis, J.D., Kashgarian, M. 1996. The 3 isoform protein of the Na^+,K^+ -ATPase is associated with the sites of cardiac and neuromuscular impulse transmission. *Circ. Res.* 78: 870-879.
- Zhuo, J. 1990. The regulation of proximal tubule reabsorption in the rat kidney. Ph.D. Department of Physiology University of Melbourne Parkville, Victoria, Australia.