

REFERENCES

- [1] Jiangsu New Medical College. Dictionary Of Traditional Chinese Medicine. Shanghai: Shanghai Science and Technology Publishing House; 1977. p. 524.
- [2] Tiamjan R, Panthong A, Taesotikul T, Rujjanawate C, Taylor WC, Kanjanapothi D. Hypotensive Activity of *Tacca chantrieri*. and Its Hypotensive Principles. *Pharmaceutical Biology*. 2007 2007/01/01;45(6):481-5.
- [3] Yokosuka A, Mimaki Y, Sashida Y. Spirostanol saponins from the rhizomes of *Tacca chantrieri* and their cytotoxic activity. *Phytochemistry*. 2002 Sep;61(1):73-8.
- [4] Rang H, Dale M, Ritter J, Moore P. *Pharmacology*. 5th ed: Churchill Livingstone; 2003.
- [5] Kayaalp SO. Medical pharmacology, in terms of rational treatment (Rasyonel tedavi yonunden tibbi farmkoloj). Ankara: Hacettepe-Tas, Ltd.; 1998.
- [6] Ramprasath VR, Shanthi P, Sachdanandam P. Anti-inflammatory effect of *Semecarpus anacardium* Linn. Nut extract in acute and chronic inflammatory conditions. *Biol Pharm Bull*. 2004 Dec;27(12):2028-31.
- [7] Sen T, Nag Chaudhuri AK. Antiinflammatory evaluation of a *Pluchea indica* root extract. *J Ethnopharmacol*. 1991 May-Jun;33(1-2):135-41.
- [8] Sen T, Ghosh TK, Chaudhuri AK. Studies on the mechanism of anti-inflammatory and anti-ulcer activity of *Pluchea indica* probable involvement of 5-lipoxygenase pathway. *Life Sci*. 1993;52(8):737-43.
- [9] Antonio MA, Souza Brito AR. Oral anti-inflammatory and anti-ulcerogenic activities of a hydroalcoholic extract and partitioned fractions of *Turnera ulmifolia* (Turneraceae). *J Ethnopharmacol*. 1998 Jul;61(3):215-28.
- [10] Gracioso Jde S, Vilegas W, Hiruma-Lima CA, Souza Brito AR. Effects of tea from *Turnera ulmifolia* L. on mouse gastric mucosa support the

- Turneraceae as a new source of antiulcerogenic drugs. *Biol Pharm Bull.* 2002 Apr;25(4):487-91.
- [11] Suekawa M, Yuasa K, Isono M, Sone H, Ikeya Y, Sakakibara I, et al. [Pharmacological studies on ginger. IV. Effect of (6)-shogaol on the arachidonic cascade]. *Nihon Yakurigaku Zasshi.* 1986 Oct;88(4):263-9.
- [12] Yamahara J, Mochizuki M, Rong HQ, Matsuda H, Fujimura H. The anti-ulcer effect in rats of ginger constituents. *J Ethnopharmacol.* 1988 Jul-Aug;23(2-3):299-304.
- [13] Yoshikawa M, Yamaguchi S, Kunimi K, Matsuda H, Okuno Y, Yamahara J, et al. Stomachic principles in ginger. III. An anti-ulcer principle, 6-gingesulfonic acid, and three monoacyldigalactosylglycerols, gingerglycolipids A, B, and C, from *Zingiberis Rhizoma* originating in Taiwan. *Chem Pharm Bull (Tokyo).* 1994 Jun;42(6):1226-30.
- [14] World Health Organization. WHO monographs on selected medicinal plants. Geneva: Malta; 1999.
- [15] World Health Organization. Legal Status of Traditional Medicine and Complementary/Alternative Medicine: A Worldwide Review. Geneva, Switzerland2001.
- [16] Sinatra RS, Leon-Cassasola OAd, Viscusi ER, Ginsberg B, McQuay H. Acute Pain Management: Cambridge University Press; 2009.
- [17] Kral LA, Ghafoor VL. Pain and Its Management. In: Alldredge BK, Corelli RL, Ernst ME, Guglielmo BJ, Jacobson PA, Kradjan WA, et al., editors. Applied Therapeutics The Clinical Use of Drugs. 10th ed. Philadelphia: Lippincott Williams & Wilkins; 2012.
- [18] Barrett KE, Brooks HL, Boitano S, Barman SM. Pain & Temperature. Ganong's Review of Medical Physiology. 23rd ed. New York: The McGraw-Hill; 2010.
- [19] Murphy HS. Inflammation. In: Rubin R, Strayer DS, editors. Rubin's Pathology: Clinicopathologic Foundations of Medicine. 6th ed. Philadelphia: Lippincott Williams & Wilkins, a Wolters Kluwer business; 2012. p. 47-82.

- [20] Local hormones: cytokines, biologically active lipids, amines and peptides. In: Rang HP, Dale MM, Ritter JM, Flower RJ, Henderson G, editors. *Rang & Dale's Pharmacology*. 7th ed2012.
- [21] Furst DE, Ulrich RW, Prakash S. Nonsteroidal Anti-Inflammatory Drugs, Disease-Modifying Antirheumatic Drugs, Nonopiod Analgesics, & Drugs Used in Gout. In: Katzung BG, Masters SB, Trevor AJ, editors. *Basic & Clinical Pharmacology*. 12th ed: The McGraw-Hill Companies, Inc; 2012. p. 635-57.
- [22] Chrousos GP. Adrenocorticosteroids & Adrenocortical Antagonists. In: Katzung BG, Masters SB, Trevor AJ, editors. *Basic & Clinical Pharmacology*: The McGraw-Hill Companies, Inc; 2012.
- [23] Feinstein LB, Holman RC, Yorita Christensen KL, Steiner CA, Swerdlow DL. Trends in hospitalizations for peptic ulcer disease, United States, 1998-2005. *Emerg Infect Dis*. 2010 Sep;16(9):1410-8.
- [24] Debas HT. *Gastrointestinal Surgery: Pathophysiology and Management*. New York: Springer Science & Business Media; 2004.
- [25] Wallace JL, Sharkey KA. Pharmacotherapy of Gastric Acidity, Peptic Ulcers, and Gastroesophageal Reflux Disease. In: Brunton LL, Chabner BA, Knollmann BC, editors. *Goodman & Gilman's The Pharmacological Basis of Therapeutics*. 12th ed: McGraw-Hill Professional; 2011.
- [26] Barrett KE, Brooks HL, Boitano S, Barman SM. Gastrointestinal physiology overview of gastrointestinal function & regulation. *Ganong's Review of Medical Physiology*. 23rd ed. New York: The McGraw-Hill; 2010.
- [27] Chan FKL, Lau JYW. Treatment of peptic ulcer disease. In: Feldman M, Friedman LS, Brandt LJ, editors. *Sleisenger and fordtran's gastrointestinal and liver disease: pathophysiology, diagnosis, management*. 9th ed. Philadelphia, Canada: Elsevier; 2010. p. 869-86.
- [28] Matsui H, Shimokawa O, Kaneko T, Nagano Y, Rai K, Hyodo I. The pathophysiology of non-steroidal anti-inflammatory drug (NSAID)-induced mucosal injuries in stomach and small intestine. *J Clin Biochem Nutr*. 2011 Mar;48(2):107-11.

- [29] Laine L, Takeuchi K, Tarnawski A. Gastric mucosal defense and cytoprotection: bench to bedside. *Gastroenterology*. 2008 Jul;135(1):41-60.
- [30] Del Bianco T, Borgoni R, Del Bianco P, Cedar P, Vianello F, Danieli GA, et al. Peptic ulcer inheritance in patients with elevated serum pepsinogen group A levels and without infection of *Helicobacter pylori*. *Dig Liver Dis*. 2000;32(1):12-9.
- [31] Akiba Y, Nakamura M, Mori M, Suzuki H, Oda M, Kimura H, et al. Inhibition of inducible nitric oxide synthase delays gastric ulcer healing in the rat. *J Clin Gastroenterol*. 1998;27 Suppl 1:S64-73.
- [32] Michida T, Kawano S, Masuda E, Kobayashi I, Nishimura Y, Tsujii M, et al. Endothelin-1 in the gastric mucosa in stress ulcers of critically ill patients. *Am J Gastroenterol*. 1997 Jul;92(7):1177-81.
- [33] Vakil N. Dyspepsia, peptic ulcer, and *H. pylori*: a remembrance of things past. *Am J Gastroenterol*. 2010 Mar;105(3):572-4.
- [34] Lieber CS. Gastric ethanol metabolism and gastritis: interactions with other drugs, *Helicobacter pylori*, and antibiotic therapy (1957-1997)--a review. *Alcohol Clin Exp Res*. 1997 Nov;21(8):1360-6.
- [35] Valle JD. Peptic ulcer disease and related disorders. In: Kasper DL, Fauci AS, Longo DL, Braunwald E, Hauser SL, Jameson JL, editors. *Harrison's Principles of Internal Medicine*. New York: McGraw-Hill; 2012.
- [36] Martin GR, Wallace JL. Gastrointestinal inflammation: a central component of mucosal defense and repair. *Exp Biol Med (Maywood)*. 2006 Feb;231(2):130-7.
- [37] Vakil, Nimish. Peptic ulcer disease. In: Feldman M, Friedman LS, Brandt LJ, editors. *Sleisenger and Fordtran's Gastrointestinal and Liver Disease*. 9th ed. Philadelphia: Saunders Elsevier; 2010.
- [38] Katzung BG. Drugs used in the treatment of gastrointestinal diseases. In: Katzung BG, editor. *Basic and clinical pharmacology*. 10th ed. San Francisco: McGraw-Hill; 2006. p. 1469-514.
- [39] Valle JD. Peptic ulcer disease and related disorders. In: Fauci AS, Braunwald E, Kasper DL, Hauser SL, Longo DL, editors. *Harrison's*

Principles of Internal Medicine. 17th ed. New York: McGraw-Hill; 2008. p. 1855-72.

- [40] Rauws EA, Tytgat GN. Peptic ulcer disease. In: Farthing MJ, Ballinger AB, editors. Drug therapy for gastrointestinal and liver diseases. United Kingdom: Martin Dunitz; 2001. p. 21-44.
- [41] Hoogerwerf WA, Pasricha PJ. Drug affecting gastrointestinal function. In: Brunton LL, Lazo JS, Parker KL, editors. Goodman and Gilman's the pharmacological basis of therapeutics. 11th ed. United States of America: McGraw-Hill Companies, Inc; 2006.
- [42] Hoogerwerf WA, Pasricha PJ. Pharmacotherapy of gastric acidity, peptic ulcers, and gastroesophageal reflux disease. In: Brunton LLP, Keith L, editors. Goodman and Gilman's pharmacology and therapeutics. international ed. New York: McGraw-Hill; 2008. p. 621-32.
- [43] Phengklai C. Taccaceae. Thai For Bull. 1980;13:23-33.
- [44] Hazalin N, Ramasamy K, Lim S, Wahab I, Cole A, Abdul Majeed A. Cytotoxic and antibacterial activities of endophytic fungi isolated from plants at the National Park, Pahang, Malaysia. 2009 Dec 01(1):1-5.
- [45] Peng J, Jackson EM, Babinski DJ, Risinger AL, Helms G, Frantz DE, et al. Evelynin, a cytotoxic benzoquinone-type Retro-dihydrochalcone from *Tacca chantrieri*. J Nat Prod. 2010 Sep 24;73(9):1590-2.
- [46] Mohd-Fuat AR, Kofi EA, Allan GG. Mutagenic and cytotoxic properties of three herbal plants from Southeast Asia. Trop Biomed. 2007 Dec;24(2):49-59.
- [47] Shwe HH, Aye M, Sein MM, Htay KT, Kreitmeier P, Gertsch J, et al. Cytotoxic steroid saponins from the rhizomes of *Tacca integrifolia*. Chem Biodivers. 2010 Mar;7(3):610-22.
- [48] Yang J-Y, Zhao R-H, Chen C-X, Ni W, Teng F, Hao X-J, et al. Taccalonolides W – Y, Three New Pentacyclic Steroids from *Tacca plantaginea*. Helvetica Chimica Acta. 2008;91(6):1077-82.
- [49] Sudtiyanwimon S, Niwatananun W, Yotsawimonwat S, Okonogi S. Phytochemical and biological activities of *Tacca chantrieri*. Journal of Metals, Materials and Minerals. 2010;20(3):179-83.

- [50] Sindambiwe JB, Calomme M, Geerts S, Pieters L, Vlietinck AJ, Vanden Berghe DA. Evaluation of biological activities of triterpenoid saponins from *Maesa lanceolata*. *J Nat Prod.* 1998 May;61(5):585-90.
- [51] Rawat GS, editor. Special habitats and threatened plants of India. Dehradun: Print Vision; 2008.
- [52] Chuakul W, al e. Encyclopedia: Medicinal plants. Bangkok: Department of Pharmaceutical Botany, Faculty of Pharmacy, Mahidol University; 2000. p. 207.
- [53] Kitjaroennirut N, Jansakul C, Sawangchote P. Cardiovascular effect of *Tacca integrifolia* Ker-Gawl. extract in rats. *Songklanakarin J Sci Technol.* 2005;27(2):281-9.
- [54] Farah L, Jamaludin M. Isolation and characterization of angiotensin converting enzyme (ACE) inhibitory compounds derived from malaysian medicinal plants. [Proceeding of the international symposium of biodiversity-biotechnology]. In press 2010.
- [55] Habila J, Bello I, Dzikwe A, Ladan Z, Sabiu M. Comparative evaluation of phytochemicals, antioxidant and antimicrobial activity of four medicinal plants native to northern Nigeria. *Aust J Basic & Appl Sci.* 2011;5(5):537-43.
- [56] Keardrit K, Rujjanawate C, Amornlerdpison D. Analgesic, antipyretic and anti-inflammatory effects of *Tacca chantrieri* Andre. *J Med Plant Res.* 2010;4(19):1991-5.
- [57] Rujjanawate C, Amornlerdpison D. Anti-gastric ulcer effects of *Tacca chantrieri* Andre. Mae Fah Luang Symposium on the Occasion of the 10th Anniversary of Mae Fah Luang University2008.
- [58] Srivastava R, Nyishi Community. Traditional knowledge of Nyishi (Daffla) tribe of Arunachal Prades. *Indian J Traditional Knowledge.* 2010;9(1):26-37.
- [59] Suma S. Utilization of medicinal plants Doi chang plantation amphur Muang, Chiang rai province. In: Department of national parks wildlife and plant conservation, editor. Bangkok, Thailand2008.

- [60] Evans WC, Trease GE. *Trease and Evans Pharmacognosy*. 13th ed. London: Bailliere Tindall; 1989.
- [61] Kahn A, Gilani AH. Pharmacodynamic evaluation of Terminalia Bellerica for its antihypertensive effect. *J Food Drug Anal*. 2008;16(3):6.
- [62] Collier HO, Dinneen LC, Johnson CA, Schneider C. The abdominal constriction response and its suppression by analgesic drugs in the mouse. *Br J Pharmacol Chemother*. 1968 Feb;32(2):295-310.
- [63] Nakamura H, Shimoda A, Ishii K, Kadokawa T. Central and peripheral analgesic action of non-acidic non-steroidal anti-inflammatory drugs in mice and rats. *Arch Int Pharmacodyn Ther*. 1986 Jul;282(1):16-25.
- [64] Gray WD, Osterberg AC, Scuto TJ. Measurement of the analgesic efficacy and potency of pentazocine by the D'Amour and Smith method. *J Pharmacol Exp Ther*. 1970 Mar;172(1):154-62.
- [65] D'Amour FE, Smith DL. A METHOD FOR DETERMINING LOSS OF PAIN SENSATION. *Journal of Pharmacology and Experimental Therapeutics*. 1941;72(1):74-9.
- [66] Brattsand R, Thalen A, Roempke K, Kallstrom L, Gruvstad E. Influence of 16 alpha, 17 alpha-acetal substitution and steroid nucleus fluorination on the topical to systemic activity ratio of glucocorticoids. *J Steroid Biochem*. 1982 Jun;16(6):779-86.
- [67] Winter CA, Risley EA, Nuss GW. Carrageein-induced edema in hind paw of the rat as an assay for antiinflammatory drugs. *Proc Soc Exp Biol Med*. 1962 Dec;111:544-7.
- [68] DiMartino MJ, Campbell GK, Jr., Wolff CE, Hanna N. The pharmacology of arachidonic acid-induced rat paw edema. *Agents Actions*. 1987 Aug;21(3-4):303-5.
- [69] Swingle KF, Shideman FE. Phases of the inflammatory response to subcutaneous implantation of a cotton pellet and their modification by certain anti-inflammatory agents. *J Pharmacol Exp Ther*. 1972 Oct;183(1):226-34.
- [70] Mizui T, Doteuchi M. Effect of polyamines on acidified ethanol-induced gastric lesions in rats. *Jpn J Pharmacol*. 1983 Oct;33(5):939-45.

- [71] Nwafor PA, Okwuasaba FK, Binda LG. Antidiarrhoeal and antiulcerogenic effects of methanolic extract of Asparagus pubescens root in rats. *J Ethnopharmacol.* 2000 Oct;72(3):421-7.
- [72] Takagi K, Okabe S. The effects of drugs on the production and recovery processes of the stress ulcer. *Jpn J Pharmacol.* 1968 Mar;18(1):9-18.
- [73] Shay H, Komarov S, Fels S, Meranze D, Gruenstein M, Siplet H. A simple method for the uniform production of gastric ulceration in the rat. *Gastroenterology.* 1945;5:43-61.
- [74] Corne SJ, Morrissey SM, Woods RJ. Proceedings: A method for the quantitative estimation of gastric barrier mucus. *J Physiol.* 1974 Oct;242(2):116P-7P.
- [75] OECD guideline for the testing of chemical. Test guideline 420 Acute oral toxicity - Fix dose procedure2001. p. 1-14.
- [76] Fields HL. Analgesic drugs. In: Day W, editor. *Pain.* 1st ed. New York: McGraw-Hill Book Company; 1987. p. 272.
- [77] Raj PP. Pain mechanism. In: Raj PP, editor. *Pain medicine: a comprehensive review.* 1st ed. Missouri: Mosby-Year Book; 1996. p. 12-23.
- [78] Boyce-Rustay JM, Honore P, Jarvis MF. Animal models of acute and chronic inflammatory and nociceptive pain. *Methods Mol Biol.* 2010;617:41-55.
- [79] Bolcskei K, Petho G, Szolcsanyi J. Noxious heat threshold measured with slowly increasing temperatures: novel rat thermal hyperalgesia models. *Methods Mol Biol.* 2010;617:57-66.
- [80] Kohn DF. *Anesthesia and analgesia in laboratory animals.* San Diego: Academic Press; 1997.
- [81] Trescot AM, Datta S, Lee M, Hansen H. *Opioid Pharmacology.* Pain Physician. 2008;133-53.
- [82] Hoy BD, Coimbra R, Acosta J. Management of acute trauma. In: Townsend CM, editor. *Sabiston textbook of surgery: the biological basis of modern surgical practice.* 18 th ed. Philadelphia: Saunders/Elsevier; 2008. p. 456-60.
- [83] Rang HP. *Pharmacology.* 5th ed. Philadelphia: Elsevier Inc.; 2006.

- [84] Singh A, Malhotra S, Subban R. Anti-inflammatory and analgesic agent from Indian medicinal plants. *I J I B.* 2008;3(1):57-73.
- [85] Winyard PG, Willoughby DA. Inflammation protocols. Totowa, N.J.: Humana Press; 2003.
- [86] Carlson RP, O'Neill-Davis L, Chang J, Lewis AJ. Modulation of mouse ear edema by cyclooxygenase and lipoxygenase inhibitors and other pharmacologic agents. *Agents Actions.* 1985 Dec;17(2):197-204.
- [87] Cameron GS, Baldwin JK, Klann RC, Patrick KE, Fischer SM. Tumor-promoting activity of ethyl phenylpropionate. *Cancer Res.* 1991 Oct 15;51(20):5642-8.
- [88] Winyard PG, Willoughby DA. Inflammation protocols. Totowa, N.J.: Humana Press; 2003.
- [89] Sedgwick AD, Willoughby DA. Animal models for testing drugs on inflammatory and hypersensitivity reaction. In: Dale MM, Foreman JC, editor. Texbook of immunology. 2nd ed. Oxford: Blackwell Scientific; 1989. p. 253-61.
- [90] Di Rosa M, Giroud JP, Willoughby DA. Studies on the mediators of the acute inflammatory response induced in rats in different sites by carrageenan and turpentine. *J Pathol.* 1971 May;104(1):15-29.
- [91] Cottney J, Lewis AJ, Nelson DJ. Arachidonic acid-induced paw oedema in the rat [proceedings]. *Br J Pharmacol.* 1976 Oct;58(2):311P.
- [92] Spector WG. The granulomatous inflammatory exudate. *Int Rev Exp Pathol.* 1969;8:1-55.
- [93] Kumarappan CT, Chandra R, Mandel SC. Anti-inflammatory activity of Ichnocarpus frutescens. *Pharmacologyonline.* 2006;3:201-16.
- [94] Schimmer BP, Parker KL. Adrenocorticotrophic hormone; adrenocortical steroids and their synthetic analogs; inhibitors of the synthesis and actions of adrenocortical hormones. In: Brunton L, Lazo J, Parker K, editor. Goodman and Gilman's the pharmacological basis of therapeutic. 11th ed. New York: Mc Graw-Hill; 2006. p. 1593-610.
- [95] Salmon JA, Higgs GA. Prostaglandins and leukotrienes as inflammatory mediators. *Br Med Bull.* 1987 Apr;43(2):285-96.

- [96] Nishikaze O, Takita H, Takase T. Activity of newly discovered protease in carrageenan-induced inflammation in rats. IRCS. 1980;8:725.
- [97] Naik SR, Sheth UK. Studies on two new derivatives of N-aralkyl-o-ethoxybenzamides. Part II. Biochemical studies on their anti-inflammatory activity. Indian J Exp Biol. 1978;16(11):1175-9.
- [98] Villasenor IM, Sanchez AC. Cassiaindoline, a new analgesic and anti-inflammatory alkaloid from Cassia alata. Z Naturforsch C. 2009 May-Jun;64(5-6):335-8.
- [99] Goyal M, Ghosh M, Nagori BP, Sasmal D. Analgesic and anti-inflammatory studies of cyclopeptide alkaloid fraction of leaves of *Ziziphus nummularia*. Saudi J Biol Sci. 2013 Oct;20(4):365-71.
- [100] Abdel-Salam OM, Czimber J, Debreceni A, Szolcsanyi J, Mozsik G. Gastric mucosal integrity: gastric mucosal blood flow and microcirculation. An overview. J Physiol Paris. 2001 Jan-Dec;95(1-6):105-27.
- [101] Wallace JL. Pathogenesis of NSAID-induced gastroduodenal mucosal injury. Best Pract Res Clin Gastroenterol. 2001 Oct;15(5):691-703.
- [102] Glavin GB, Szabo S. Experimental gastric mucosal injury: laboratory models reveal mechanisms of pathogenesis and new therapeutic strategies. FASEB J. 1992 Feb 1;6(3):825-31.
- [103] Hiraishi H, Shimada T, Ivey KJ, Terano A. Role of antioxidant defenses against ethanol-induced damage in cultured rat gastric epithelial cells. J Pharmacol Exp Ther. 1999 Apr;289(1):103-9.
- [104] Lacy ER, Ito S. Microscopic analysis of ethanol damage to rat gastric mucosa after treatment with a prostaglandin. Gastroenterology. 1982 Sep;83(3):619-25.
- [105] Davenport HW, Warner HA, Code CF. Functional Significance of Gastric Mucosal Barrier to Sodium. Gastroenterology. 1964 Aug;47:142-52.
- [106] Wallace JL. Prostaglandins, NSAIDs, and gastric mucosal protection: why doesn't the stomach digest itself? Physiol Rev. 2008 Oct;88(4):1547-65.
- [107] Szabo S. Mechanisms of mucosal injury in the stomach and duodenum: time-sequence analysis of morphologic, functional, biochemical and histochemical studies. Scand J Gastroenterol Suppl. 1987;127:21-8.

- [108] Bou-Abboud CF, Wayland H, Paulsen G, Guth PH. Microcirculatory stasis precedes tissue necrosis in ethanol-induced gastric mucosal injury in the rat. *Dig Dis Sci.* 1988 Jul;33(7):872-7.
- [109] Ohya Y, Guth PH. Ethanol-induced gastric mucosal blood flow and vascular permeability changes in the rat. *Dig Dis Sci.* 1988 Jul;33(7):883-8.
- [110] Guth PH. Pathogenesis of gastric mucosal injury. *Annu Rev Med.* 1982;33:183-96.
- [111] Chan FK. Primer: managing NSAID-induced ulcer complications--balancing gastrointestinal and cardiovascular risks. *Nat Clin Pract Gastroenterol Hepatol.* 2006 Oct;3(10):563-73.
- [112] Boardman PL, Hart FD. Side-effects of indomethacin. *Ann Rheum Dis.* 1967 Mar;26(2):127-32.
- [113] Lichtenberger LM, Graziani LA, Dial EJ, Butler BD, Hills BA. Role of surface-active phospholipids in gastric cytoprotection. *Science.* 1983 Mar 18;219(4590):1327-9.
- [114] Burke A, Smyth E, FitzGerald GA. Analgesic-antipyretic agent; pharmacotherapy of gout. In: Brunton LL, editor. *Goodman and Gilman's the Pharmacologic Basis of Therapeutics.* 11th ed. New York: McGraw-Hill; 2006.
- [115] Wilson DE. The role of prostaglandins in gastric mucosal protection. *Trans Am Clin Climatol Assoc.* 1996;107:99-113; discussion -4.
- [116] Burke A, Smyth E, FitzGerald GA. Lipid-derived autacoids; eicosanoids and platelet-activating factor. In: Brunton LL, editor. *Goodman and Gilman's the Pharmacologic Basis of Therapeutics.* 11th ed. New York: McGraw-Hill; 2006.
- [117] Carmichael HA, Nelson LM, Russel RI. Cimetidine and prostaglandin: evidence for different modes of action on the rat gastric mucosa. *Gastroenterology.* 1978 Jun;74(6):1229-32.
- [118] Kasuya Y, Urushidani T, Okabe S. Effects of various drugs and vagotomy on indomethacin-induced gastric ulcers in the rat. *Jpn J Pharmacol.* 1979 Aug;29(4):670-3.

- [119] Palacios B, Montero MJ, Sevilla MA, Roman LS. JB-9322, a new selective histamine H₂-receptor antagonist with potent gastric mucosal protective properties. *Br J Pharmacol.* 1995 May;115(1):57-66.
- [120] Yano S, Akahane M, Harada M. Contribution of sympatho-adrenal system to the gastric movement of rats subjected to restraint and water immersion stress. *Jpn J Pharmacol.* 1977 Oct;27(5):635-43.
- [121] Yano S, Akahane M, Harada M. Role of gastric motility in development of stress-induced gastric lesions of rats. *Jpn J Pharmacol.* 1978 Aug;28(4):607-15.
- [122] Brodie DA, Hanson HM. A study of the factors involved in the production of gastric ulcers by the restraint technique. *Gastroenterology.* 1960 Mar;38:353-60.
- [123] Xie YF, Jiao Q, Guo S, Wang FZ, Cao JM, Zhang ZG. Role of parasympathetic overactivity in water immersion stress-induced gastric mucosal lesion in rat. *J Appl Physiol* (1985). 2005 Dec;99(6):2416-22.
- [124] Bhargava KP, Daas M, Gupta GP, Gupta MB. Study of central neurotransmitters in stress-induced gastric ulceration in albino rats. *Br J Pharmacol.* 1980 Apr;68(4):765-72.
- [125] Okabe S, Takeuchi K, Urushidani T, Takagi K. Effects of cimetidine, a histamine H₂-receptor antagonist, on various experimental gastric and duodenal ulcers. *Am J Dig Dis.* 1977 Aug;22(8):677-84.
- [126] Sato H, Kawashima K, Yuki M, Kazumori H, Rumi MA, Ortega-Cava CF, et al. Lafutidine, a novel histamine H₂-receptor antagonist, increases serum calcitonin gene-related peptide in rats after water immersion-restraint stress. *J Lab Clin Med.* 2003 Feb;141(2):102-5.
- [127] Hakanson R, Hedenbro J, Liedberg G, Sundler F, Vallgren S. Mechanisms of gastric acid secretion after pylorus and oesophagus ligation in the rat. *J Physiol.* 1980 Aug;305:139-49.
- [128] Goel RK, Bhattacharya SK. Gastroduodenal mucosal defence and mucosal protective agents. *Indian J Exp Biol.* 1991 Aug;29(8):701-14.