

REFERENCES

- Abbas, A.K., Lichtman, A.H. and Pober, J.S. (1997) "Effector mechanisms of immunoglobulin E-initiated immune reactions." In: *Cellular and Molecular Immunology*, 3rd ed., W.B. Saunders Company, U.S.A., pp. 298-312.
- Andrews, C.W. and Goldman, H. (1998) "Clinical & physical disorders." In: *Pathology of the Gastrointestinal Tract*, Ming, S.C. and Goldman, H. (eds.), 2nd ed., Williams & Wilkins, U.S.A., pp. 195-224.
- Antonio, M.A. and Souza Brito, A.R.M. (1998) "Oral anti-inflammatory and anti-ulcerogenic activities of a hydroalcoholic extract and partitioned fractions of *Turnera ulmifolia* (Turneraceae)." *J. Ethnopharmacol.*, 61, 215-228.
- Babe, K.S. and Serafin, W.E. (1996) "Histamine, bradykinin and their antagonists." In: *Goodman & Gilman's The Pharmacological Basis of Therapeutics*, Hardman, J.G. and Limbird, L.E. (eds.), 9th ed., The McGraw-Hill Companies, U.S.A., pp. 581-600.
- Becker, E.L. and Henson, P.M. (1973) "In vitro studies of immunologically-induced secretion of mediators from cells and related phenomena." *Adv. Immunol.*, 17, 93.
- Bernheim, H.A., Gilbert, T.M. and Stitt, J.T. (1980) "Prostaglandin E levels in third ventricular cerebrospinal fluid of rabbits during fever and changes in body temperature." *J. Physiol.*, 301, 69-78.
- Bessey, O.A., Lowry, O.H. and Brock, M.J. (1946) "Method for the determination of alkaline phosphatase with five cubic millimeters of serum." *J. Biol. Chem.*, 164, 321-329.
- Billingham, M.E.J. (1987) "Cytokines as inflammatory mediators." *Br. Med. Bull.*, 43 (2), 350-370.

- Bowman, W.C. and Rand, M.J. (1980) "The immune system and inflammatory mechanisms: Immunosuppressant and anti-inflammatory drugs." In: *Textbook of Pharmacology*, 2nd ed., Blackwell Scientific Publications, Oxford, pp. 13.1-13.35.
- Bradide, V.B. (1993) "Antiinflammatory effect of Kolaviron, a biflavonoid extract of *Garcinia kola*." *Fitoterapia*, 64, 433-436.
- Brattsand, R., Thalen, A., Roempke, K., Kallstrom, L. and Gruvstad, E. (1982) "Influence of 16 α , 17 α -acetal substitution and steroid nucleus fluorinative on the topical to systemic activity ratio of glucocorticoids." *J. Steroid. Biochem.*, 16, 779-786.
- Brunton, L.L. (1996) "Agents for control of gastric acidity and treatment of peptic ulcer." In: *Goodman & Gilman's The Pharmacological Basis of Therapeutics*, Hardman, J.G. and Limbird, L.E. (eds.), 9th ed., The McGraw-Hill Companies, U.S.A., pp. 901-915.
- Burkhalter, A., Julius, D.J. and Katzung, B.G. (1998) "Histamine, serotonin & the ergot alkaloids." In: *Basic & Clinical Pharmacology*, Katzung, B.G. (ed.), 7th ed., Prentice Hall International, London, pp. 261-186.
- Campbell, W.B. and Halushka, P.V. (1996) "Lipid-derived autacoids: Eicosanoids and platelet - activating factor." In: *Goodman & Gilman's The Pharmacological Basis of Therapeutics*, Hardman, J.G. and Limbird, L.E. (eds.), 9th ed., The McGraw-Hill Companies, U.S.A., pp. 601-616.
- Carlson, R.P., O' Neill-Davis, L., Chang, J. and Lewis, A.J. (1985) "Modulation of mouse ear edema by cyclooxygenase and lipoxygenase inhibitors and other pharmacologic agents." *Agents Actions.*, 17 (2), 197-204.

- Chairungsrierd, N., Takeuchi, K., Ohizumi, Y., Nozoe, S. and Ohta, T. (1996) "Mangostanol, a prenyl xanthone from *Garcinia mangostana*." *Phytochemistry*, 43, 1099-1102.
- Chang, J., Carlson, R.P., O' Neill-Davis, L., Lamb, B., Sharma, R.N. and Lewis, A.J. (1986) "Correlation between mouse skin inflammation induced by arachidonic acid and eicosanoid synthesis." *Inflammation*, 10 (3), 205-214.
- Collier, H.O.J., Dinneen, L.C., Johnson, C.A. and Schneider, C. (1968) "The abdominal constriction response and its suppression by analgesic drugs in the mouse." *Br. J. Pharmacol.*, 32, 295-310.
- Dale, H.H. and Laidlaw, P.P. (1911) "Further observations on the action of β -iminazolylethylamine." *J. Physiol.*, 43, 182-195.
- Di Rosa, M. (1972) "Biological properties of carrageenan." *J. Pharm. Pharmacol.*, 24 (2), 89-102.
- Flower, R.J. (1974) "Drugs which inhibit prostaglandin biosynthesis." *Pharmacol. Rev.*, 26, 33-67.
- Foegh, M.L., Hecker, M. and Ramwell, P.W. (1998) "The eicosanoids: Prostaglandins, thromboxanes, leukotrienes & related compounds." In: *Basic & Clinical Pharmacology*, Katzung, B.G. (ed.), 7th ed., Prentice Hall International, London, pp. 304-318.
- Fried, L.S. and Peterson, W.L. (1998) "Peptic ulcer and related disorder." In: *Disorder of the Gastrointestinal System on Harrison's Principles of International Medicine*, Fanci, A.S., Braunwald, E., Isselbacker, K.I., Wilson, I.P., Martin, I.B., Kasper, D.L., Hanser, S.L. and Longo, D.L. (eds.), 14th ed., McGraw Hill Companies, U.S.A., pp. 1597-1610.
- Gallin, J.I. and Snyderman, R. (1999) "Overveiw." In: *Inflammation: Basic Principles and Clinical Correlates*, 3rd ed., Lippincott Williams & Wilkins, Philadelphia, pp. 1-10.

- Guyton, A.C. and Hall, J.E. (1996) "Resistance of the body to infection: I. Leukocytes, granulocytes, the monocyte-macrophage system, and inflammation." In: *Textbook of Medical Physiology*, 9th ed., W.B. Saunders, Philadelphia, pp. 435-443.
- Hurley, J.V. (1983) "Terminations of acute inflammation" In: *Acute Inflammation*, 2nd ed., Churchill Livingstone, New York, pp. 133-147.
- Ibironke, G.F., Olaleye, S.B., Balogun, O. and Aremu, A. (1997) "Effects of diets containing seeds of *Garcinia kola* (Heckel) on gastric acidity and experimental ulceration in rats." *Phytother. Res.*, 11, 312-313.
- Insel, P.A. (1999) "Analgesic-antipyretic and anti-inflammatory agents and drugs employed in the treatment of gout." In: *Goodman & Gilman's The Pharmacological Basis of Therapeutics*, Hardman, J.G. and Limbird, L.E. (eds.), 9th ed., The McGraw-Hill Companies, U.S.A., pp. 617-658.
- Issekutz, A.C. and Movat, H.Z. (1982) "The effect of vasodilator prostaglandins on polymorphonuclear leukocyte infiltration and vascular injury." *Am. J. Pathol.*, 107 (3), 300-309.
- Iwu, M.M. and Anyanwu, B.N. (1982) "Phytotherapeutic profile of Nigerian Herb: 1. Anti-Inflammatory and anti-arthritis agents." *J. Ethnopharmacol.*, 6, 263-274.
- Iwu, M.M., Igoboko, O.A. and Tempesta, M.S. (1990) "Biflavonoid constituent of *Garcinia kola* roots." *Fitoterapia*, 61, 178-181.
- Janeway, C.A., Travers, P., Walport, M. and Capra, J.D. (1999) "Host defense agonist infection." In: *Immunobiology: The Immune System in Health and Disease*, 4th ed., Garland Publishing, U.S.A., pp. 363-415.
- Jose, P.I. (1987) "Complement-derived peptide mediators of inflammation." *Br. Med. Bull.*, 43 (2), 336-349.

- Katzung, B.G. and Furst, D.E. (1998) "Nonsteroidal anti-inflammatory drugs; Disease-modifying antirheumatic drugs; Nonopioid analgesics; Drug used in gout." In: *Basic & Clinical Pharmacology*, Katzung, B.G. (ed.), 7th ed., Prentice Hall International, London, pp. 578-602.
- Lewis, R.A. and Austen, K.F. (1981) "Mediation of local homeostasis and inflammation by leukotrienes and other mast cell-dependent compound." *Nature*, 293 (5828), 103-108.
- Likhithwitayawiud, K., Phadungcharoen, T., Mahidol, C. and Ruchirawat, S. (1997) "7-o-methylgarcinone E from *Garcinia cowa*." *Phytochemistry*, 45, 1299-1301.
- Milton, A.S. (1982) "Prostaglandins and fever." *TIPS*, 40, 490-492.
- Minano, J.F., Serrano, J.S., Pascual, J. and Sancibrian, M. (1987) "Effects of GABA on gastric acid secretion and ulcer formation in rats." *Life Sci.*, 41, 1651-1658.
- Nakamura, H., Shimoda, A., Ishi, K. and Kadokawa, T. (1986) "Central and peripheral analgesic action of non-acetic non steroid anti-inflammatory drugs in mice and rats." *Arch. Int. Pharmacodyn. Ther.*, 282, 16-25.
- Nishikaze, O., Takita, H. and Takase, T. (1980) "Activity of newly discovered protease in carrageenan-induced inflammation in rats." *IRCS*, 8, 725.
- O-urai, S. (1999) "Unpublished data."
- Owen, D.A.A. (1987) "Inflammation: Histamine and 5-hydroxytryptamine." *Br. Med. Bull.*, 43 (2), 256-269.
- Pal, S. and Nagchandhury, A.K. (1991) "Studies on the anti-ulcer activity of *Bryophyllum pinnatum* leaf extract in experimental animals." *J. Ethnopharmacol.*, 33, 97-102.
- Piper, P.J. and Samhoun, M.N. (1987) "Leukotrienes." *Br. Med. Bull.* 43 (2), 297-311.

- Regoli, D. (1987) "Kinins." *Br. Med. Bull.*, 43 (2) , 270-284.
- Reid, I.A. (1998) "Vasoactive peptides." In: *Basic & Clinical Pharmacology*, Katzung, B.G. (ed.), 7th ed., Prentice Hall International, London, pp. 287-303.
- Robert, A., Nezemis, J.E., Lancaster, C., Davis, J.P. and Field, S.D. (1983) "Mild irritants prevent gastric necrosis through "adaptive cytoprotection" mediated by prostaglandins." *Amer. J. Physiol.*, 245, 113-121.
- Ruzicka, T. and Printz, M.P. (1982) "Arachidonic acid metabolism in guinea pig skin." *Biochem. Biophys. Acta.*, 711 (3), 391-397.
- Salmon, J.A. and Higgs, G.A. (1987) "Prostaglandins and leukotrienes as inflammatory mediators." *Br. Med. Bull.*, 43 (2), 285-296.
- Sertie', J.A., Basile, A.C., Panizza, S., Matida, A.K. and Zelnik, R. (1990) "Anti-inflammatory activity and sub-acute toxicity of artemetin." *Planta Med.*, 56, 36-40.
- Shay, H., David, C.H., Sun, M.D. and Gruensteil, M. (1945) "A sample method for the uniform production of gastric ulceration in rat." *Gastroenterology*, 5, 43-61.
- Singh, B., Gambhir, S.S., Pandey, V.B. and Joshi, V.K. (1989) "Anti-inflammatory activity of *Echinops echinates*." *J. Ethnopharmacol.*, 25 (2), 189-200.
- Spector, W.G. and Willoughby, D.A. (1959) "Experimental suppression of the acute inflammatory changes in thermal injury." *J. Pathol. Bacteriol.*, 78, 121-132.
- Swingle, K.F. and Shideman, F.E. (1972) "Phase of the inflammatory response to subcutaneous implantation of cotton pellet and their modification by certain anti-inflammatory agent." *J. Pharmacol. Exp. Ther.*, 183, 226-234.

- Taber, R.I., Greenhouse, D.D., Rendel, J.K. and Irwin, S. (1969) "Agonist and antagonist interactions of opioids on acetic acid – induced abdominal stretching in mice." *J. Pharmacol. Exp. Ther.*, 169 (1), 29-38.
- Tiangburanatham, V. (1993), *Dictionary of Thai Medicinal Plants*, Prachumtong Publishing, Thailand, pp. 553-554.
- Vane, J.R. and Bolting, R.M. (1995) "New insights into the mode of action of anti-inflammatory drugs." *Inflamm. Res.*, 44 (1), 1-10.
- Vargaftig, B.B. and Braquet, P.G. (1987) "PAF-acether today relevance for acute experimental anaphylaxis." *Br. Med. Bull.*, 43 (2), 314-335.
- Winter, C.A., Risley, E.A. and Nuss, G.W. (1962) "Carrageenin-induced edema in hind paw of the rat as an assay for anti-inflammatory drug." *Proc. Soc. Exp. Biol. Med.*, 11, 544-547.
- Yesilada, E., Ustun, O., Sezik, E., Takaishi, Y., Ono, Y. and Honda, G. (1997) "Inhibitory effects of Turkish folk remedies on inflammatory cytokines: interleukin-1 α , interleukin-1 β and tumor necrosis factor α ." *J. Ethnopharmacol.*, 58, 59-73.
- Yong, J.M., Spires, D.A., Bedord, C.J., Wagner, B., Ballaron, S.J. and De Yong, L.M. (1984) "The mouse ear inflammatory response to topical arachidonic acid." *J. Invest. Dermatol.*, 82, 367-371.
- Ziboh, V.A., Casebott, T.L., Marcelo, C.L. and Voorhees, J.J. (1984) "Biosynthesis of lipoxygenase products by enzyme preparations from normal and psoriatic skin." *J. Invest. Dermatol.*, 83 (6), 426-430.