

Research and review articles published or accepted for the Academic Year 2009-2010

DEPARTMENT OF PHARMACOLOGY AND THERAPEUTICS

Published Research articles:

- Matar KM, El-Hashim AZ, Edafiogho IO (2010) Liquid chromatography-tandem mass spectrometric method for determination of E121 in mouse plasma and its application to pharmacokinetics. *J Sep Sci.* 33(13):1888-96.
- El-Hashim A, Yousefi S, Edafiogho I, Raghupathy R, Yousif M, Simon HU (2010) Anti-inflammatory and immunosuppressive effects of the enaminone E121. *Eur J Pharmacol* 632:73-7
- Sharma, J. N. (2010). Activation of bradykinin system by angiotensin- converting enzyme inhibitors. *European Journal of Inflammation (Italy)* 8: 55-61.
- Sharma, J. N. (2010). Modification in tissue kallikrein activity with indomethacin and prednisolone treatment in arthritic rats. *Inflammopharmacology (UK)* 18: 113-117.
- Sharma, J. N. (2009). An overview on relation between the bradykinin system and hypertension and diabetes. *American Journal of Biomedical Sciences (USA)* 1: 242-249.
- Sharma, J. N. (2009). Hypertension and the bradykinin system. *Current Hypertension Reports (USA)* 11: 178-181.
- Novotny L., Rauko P., Kombian, S.B., Edafiogho I.O. Selenium as a chemoprotective anti-cancer agent: Reality or wishful thinking? *Neoplasma*, 57 (5),383-391, 2010.
- Nashawi, H, Ghazal, M.A. and KOMBIAN, S.B., Therapeutic approaches to age-related dementias: rational search for effective drugs. *Kuwait Med. J.*, 42, 3-14 (2010).
- Matar K. (2010) Therapeutic drug monitoring of topiramate by liquid chromatography-tandem mass spectrometry. *Clin Chim Acta.* 411: 729 – 734.
- Matar K, El-Hashim A, Edafiogho I (2010) Liquid Chromatography-tandem mass spectrometric method for determination of E121 in mouse plasma and its application to Pharmacokinetics. *J Sep Sci.* 33: 1888 – 1896.
- Amin D.N., Ngoyi D.M., Nkwachi G.M., Palomba M., Rottenberg M., Büscher P., Kristensson K., Masocha W., (2010) Identification of stage biomarkers for human African trypanosomiasis. *Am J Trop Med Hyg.* 82:983-90
- Amin D.N., Rottenberg M.E., Thomsen A.R., Mumba D., Fenger C., Kristensson K., & Büscher P., Finsen B., & Masocha W., (2009) Expression and role of CXCL10 during the encephalitic stage of experimental and clinical African trypanosomiasis. *J Infect Dis.* 200:1556-65
- Masocha W., Parvathy S.S., (2009) Assessment of weight bearing changes and pharmacological antinociception in mice with LPS induced monoarthritis using the Catwalk gait analysis system. *Life Sci.* 85:462-9

Masocha W., (2009) Systemic lipopolysaccharide (LPS)-induced microglial activation results in different temporal reduction of CD200 and CD200 receptor gene expression in the brain. *J Neuroimmunol.* 214:78-82

Book Chapters

Sharma , J. N. (2009). The kallikrein-kinin pathways in mediating the hypotensive action of angiotensin converting enzyme (ACE) inhibitors. In “Angiotensin Converting Enzyme Inhibitors” Edited by A. N. DeBrue. Nova Science Publishers (USA) pp. 185-198.

DEPARTMENT OF PHARMACEUTICS

Khattab, I., Nada, A., Zaghloul.A., Physicochemical Characterization of Gliclazide-Macrogol Solid Dispersion and Tablets Based on Optimized Dispersion. *Drug Development and Industrial Pharmacy*, 36, 893-902 (2010).

Etman, M., Nada, H., Nada, A., Ismail, F., Moustafa, M., Khalil, S., In vivo Evaluation of Ketorolac as Sustained Release Pellets Using a New HPLC Method, *European Journal of Parenterals & Pharmaceutical Sciences*, 15, 93-97 (2010).

Nada, A., Krishnaiah Y.S.R., Zaghloul, A., Khattab, I., Analysis of Vitamin E in Cosmetic Preparations by HPLC, *Journal of Cosmet Science*, 61, 353-365 (2010).

Etman, M., , Farid, R., Nada, A., Ebian, A., Preparation and Evaluation of Fast Release Mephenamic Acid Microspheres, *Journal of Microencapsulation*, 27, 640-656 (2010).

Khattab I, Nada A, Zaghloul A Physicochemical Characterization of Gliclazide –Macrogol Solid Dispersion and Tablets Based on Optimized Dispersion. *Drug Dev Ind Pharm.* Aug;36(8):893-902 (2010).

Khattab I, Nada A, Zaghloul A Physicochemical Characterization of Gliclazide –Macrogol Solid Dispersion and Tablets Based on Optimized Dispersion. *Drug Dev Ind Pharm.* Aug;36(8):893-902 (2010).

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

Published Research articles:

Farrukh Aqil, Maryam Zahin, Khalid A. El Sayed, Iqbal Ahmad, Khaled Y. Orabi, and Jamal M. Arif, “Antimicrobial, antioxidant, and antimutagenic activities of selected marine natural products and tobacco cembranoids”, *Drug and Chemical Toxicology*, 2010, *accepted for publication*.

Review articles:

Novotny L., Rauko P., Kombian S.B., Edafiogho I.O.: Selenium as a chemoprotective anti-cancer agent: Reality or wishful thinking? *Neoplasma* 57, 2010, 383-391.

DEPARTMENT OF PHARMACY PRACTICE

Published Research articles:

El-Hashim A, Yousefi S, Edafiogho I, Raghupathy R, Yousif M, Simon H (2010). Anti-inflammatory and immunosuppressive effects of the enaminone E121. *Eur. J. Pharmacol.* 2010, 632, 73–78.

Matar KM, El-Hashim AZ, Edafiogho IO (2010). Liquid chromatography-tandem mass spectrometric method for determination of E121 in mouse plasma and its application to pharmacokinetics. *J. Sep. Sci.* 33, 1888-1896.

Awad A, Al-saffar N (2010). Evaluation of drug use practices at primary healthcare centers of Kuwait. *Eur J Clin Pharmacol* 66(12):1247-55.

Awad A, Abahussain E (2010). Health promotion and education activities of community pharmacists in Kuwait. *Pharm World Sci* 32(2):146-53.

Elamin SB, Awad AI, Eltayeb IB, Elmardi KA, Al Hassan AH, Mohamed AO, Malik EM, Mohamad TA (2010). Descriptive study on the efficacy of artemether-lumefantrine in the treatment of uncomplicated *Plasmodium falciparum* malaria in Sudan. *Eur J Clin Pharmacol* 66(3):231-7.

Abahussain E and Ball, D.E (2010) . Pharmaceutical and chemical pediatric poisoning in Kuwait; a retrospective survey. www.pharmacypractice.org.

Review articles:

Novotny L, Rauko P, Kombian SB, Edafiogho IO (2010). Selenium as a chemoprotective anti-cancer agent: Reality or wishful thinking? *Neoplasma* 57, 383-391.