

LIST OF PUBLICATIONS

1. Khashaba PY, El-Shabouri SR, Emara KM, **Mohamed AM**: Charge-transfer complexation for spectrophotometric assay of certain imidazole antifungal drugs. *Anal. Lett.* 1998; 31(8), 1367-1385 .
2. Khashaba PY, El-Shabouri SR, Emara KM, **Mohamed AM**: Analysis of some antifungal drugs by spectrophotometric and spectrofluorimetric methods in different pharmaceutical dosage forms. *J Pharm Biomed Anal.* 2000; 22:363-76.
3. **Mahmoud A**, Haberland A, Dürrfeld M, Heydeck D, Wagner S, Schäfer-Korting M: Cutaneous estradiol permeation, penetration and metabolism in pig and man. *Skin Pharmacology and Physiology*, 2005, 18: 27-35.
4. Schreiber S, **Mahmoud A**, Vuia A, Rübhelke M K, Schmidt E, Schaller M, Kandárová H, Haberland A, Schäfer UF, Bock U, Korting H C, Liebsch M, Schäfer-Korting M: Reconstructed epidermis versus human and animal skin in skin absorption studies. *Toxicology in Vitro*, 2005; 19: 813-822.
5. Ibrahim A. Darwish, **Ashraf M. Mahmoud**, Abdel-Rahman A. Al-Majed: generic simple enzyme immunoassay approach to avert small molecule immobilization problems on solid phases. Application to the determination of tobramycin in serum. *Talanta*, 2007, 72: 1322-1328
6. Ibrahim A. Darwish, Samiha A Hussein, **Ashraf M Mahmoud**, Ahmed I Hassan: Sensitive indirect spectrophotometric method for determination of H₂-receptor antagonists in pharmaceutical formulations. *I. J. Biomed. Sci.*, 2007, 3: 123-130
7. Hanaa M. Abdel-Wadood, Niveen A. Mohamed, **Ashraf M. Mahmoud**: Validated spectrofluorometric methods for determination of amlodipine besylate in tablets. *Spectrochimica Acta Part A*, 2007, (In Press)
8. Ibrahim A. Darwish, Samiha A Hussein, **Ashraf M Mahmoud**, Ahmed I Hassan : Spectrophotometric determination of H₂-receptor antagonists via their oxidation with cerium (IV). *Spectrochimica Acta Part A*, 2007, (In Press)
9. Ibrahim A. Darwish, Samiha A Hussein, **Ashraf M Mahmoud**, Ahmed I Hassan: use of N-bromosuccinimide and p-aminophenol in the spectrophotometric determination of H₂-receptor antagonists. *Acta Pharmaceutica*, 2007 (In Press)
10. Monika Schäfer-Korting, **Ashraf Mahmoud**, Simone Lombardi Borgia, Barbara Brüggener, Burkhard Kleuser, Sylvia Schreiber, Wolfgang Mehnert: Reconstructed Epidermis and Full-Thickness Skin for Absorption Testing: Influences of Vehicles on Steroid Permeation. *Alternatives to Laboratory Animals*, 2007, (In Press)
11. Ibrahim A. Darwish, Ashraf M. Mahmoud, Nasr Y. Khalil: Non-Extractive Procedure And Pre-Column Derivatization With 7-Chloro-4-Nitrobenzo-2-Oxa-1,3-Diazole For Trace Determination Of Trimetazidine In Plasma By Hplc With Fluorescence Detection. *Accepted in J. AOAC Int.*

MANUSCRIPTS UNDER PUBLICATION:

12. Ibrahim A. Darwish, Samiha A Hussein, **Ashraf M Mahmoud**, Ahmed I Hassan: Spectral investigation and analytical applications of the vinylamino-substituted haloquinone derivatives of nizatidine and ranitidine. *Submitted to J. Anal. Chem* (Japan)
13. **Ashraf M. Mahmoud**, Ibrahim A. Darwish, Nasr Y. Khalil, Tarek Abo El-Fadl: Highly sensitive and selective spectrophotometric, fluorometric and HPLC methods for determination of amantadine in biological fluids. *(Submitted)*