

Fatma EI-Zahraa Ahmed Aly, PhD.

Professor of Pharmaceutical Analytical Chemistry.

Faculty of Pharmacy, Mansoura University.

Mansoura 35516, **Egypt**

E-mail: dr_fatma_ali@yahoo.com

Research interests:

Conducting research in the field of analysis of drugs in formulations and biological fluids in addition to stability studies of drug raw materials.

Different techniques are used for analysis e.g. spectrophotometry, fluorimetry, polarography, HPLC, Flow injection chemiluminescence, electrogenerated chemiluminescence and potentiometry using ion selective electrodes

Selected Publications:

1-Simultaneous determination of cetirizine, phenyl propanolamine and nimesulide using third derivative spectrophotometry and high performance liquid chromatography in pharmaceutical preparations

Fatma Ahmed Aly, Nahed EL-Enany, Heba Elmansi and Amany Nabil
Chemistry Central Journal 11, 99, 2017

2- Application of silver nanoparticles to the chemiluminescence determination of cefditoren pivoxil using the luminol-ferricyanide system

Alarfaj, N.A., **Aly, F.A.**, El-Tohamy, M.F.
Luminescence 30, 91, 2015

3- Spectrofluorimetric Analysis of Gemifloxacin Mesylate in Pharmaceutical Formulations

Salma A. Al-Tamimi, Amal M. Al-Mohaimed, Nawal A. Alarfaj, **Fatma A. Aly**
Luminescence, 29, 127 (2014)

4- Flow-Injection Chemiluminescence and Electrogenerated Chemiluminescence Determination of Escitalopram Oxalate in Tablet Form

Nawal A. Alarfaj, **Fatma A. Aly** and Abeer A. Al-Qahtany
Luminescence, 28, 84, 2013

5- New Coated Wire Sensors for Potentiometric Determination of Gemifloxacin in Pure Form, Pharmaceutical Formulations and Biological Fluids

Amal M. Al-Mohaimed*, Salma A. Al-Tamimi, Nawal A. Alarfaj, **Fatma A. Aly**
Int. J. Electrochem. Sci., 7, 12518 (2012)

Recognitions:

Mansoura University Prize for Encouragement of PhD. Thesis 1991, Egypt.

Other links:

Research Gate https://www.researchgate.net/profile/Fatma_Aly

Google Scholar

http://scholar.google.com/citations?hl=en&user=i4RxKpsAAAAJ&view_op=list_works&gmla=AJsN-F7ZsqOcpRJ0D_Z-so1L0qLVulzv8JK58jpXKM706k5uxk5v_tc-_AQ0Kfz_ST8yx6MwPTGE2vzeWPBSLCd2LQq58pVOy3t_H0pftWmrq1z8cwwwoqFCQ-rPBZfH9mk_geBsPJK