

# Mohamed Mansour Salim, PhD.

Lecturer of Pharmaceutical Analytical Chemistry,  
Faculty of Pharmacy, Mansoura University,  
Mansoura 35516, Egypt



## **Ph.D. in pharmaceutical Analytical Chemistry (Channel System), [2011-2014]**

1- Prof. Dr. G. Patonay lab., Chemistry Department, Georgia State University, Atlanta, Georgia 30303, USA.

2- Pharmaceutical Analytical Chemistry Dept., Faculty of Pharmacy, Mansoura University, Mansoura, Egypt.

## **M.Sc. in Pharmaceutical Analytical Chemistry, [2003-2009]**

Faculty of Pharmacy, Mansoura University, Mansoura, Egypt.

## **B.Sc. in Pharmaceutical Sciences, [1998-2003]**

Faculty of Pharmacy, Mansoura University, Mansoura, Egypt.

**E-mail:** [mmasalim@mans.edu.eg](mailto:mmasalim@mans.edu.eg)

[msalim@gsu.edu](mailto:msalim@gsu.edu)

[msalim@Horus.edu.eg](mailto:msalim@Horus.edu.eg)

[mmasalim@yahoo.com](mailto:mmasalim@yahoo.com)

### **Research interests:**

1. Analysis of drugs in multi-component mixtures, such as antibiotics, multivitamins, antihypertensive preparations,.....etc. Combined therapy is frequently recommended to potentiate the action (synergistic effect) of some drugs.
2. Analysis of drugs in the presence of their degradation products in stability and forced degradation studies according to official guidelines.
3. Analysis of drugs in presence of their metabolites in biological fluids, such as blood, plasma, urine....etc in pharmacokinetic and pharmacodynamic studies.
4. Determination of drugs in presence of their synthetic impurities. Structure elucidation of the degradation products on the basis of spectroscopic (NMR) and spectrometric (mass) experiments.

Conducting the researches using CE, LC-MS, NMR, HPLC, fluorometric, spectrophotometric, polarographic, potentiometric, conductometric and titrimetric methods.

### Selected Publications:

- Derivative Spectrophotometric Analysis of Benzophenone (as an impurity) in Phenytoin. M.I. Walash, M. Rizk, Z.A. Sheribah, **M.M. Salim**. **Chemistry Central Journal** **2011**, 5(1), 85.
- Micelle-enhanced spectrofluorimetric method for determination of sitagliptin and identification of potential alkaline degradation products using LC-MS. **M. M. Salim**, N. El-Enany, F. Belal, M. Walash and G. Patonay. **Luminescence**. **2014**, 29, 65-73.
- Simultaneous determination of aliskiren hemifumarate, amlodipine besylate, and hydrochlorothiazide in their triple mixture dosage form by capillary zone electrophoresis. **M. M. Salim**, W. M. Ebeid, N. El-Enany, F. Belal, M. Walash and G. Patonay. **J Sep Sci**. **2014**, 37, 1206-1213.
- Hydroxylated near-infrared BODIPY fluorophores as intracellular pH sensors. **M. M. Salim**, E. A. Owens, T. Gao, J. H. Lee, H. Hyun, H. S. Choi and M. Henary. **Analyst**. **2014**, 139, 4862-4873.
- Derivative Quotient Spectrophotometry and an Eco-Friendly Micellar Chromatographic Approach with Time-Programmed UV-Detection for the Separation of Two Fluoroquinolones and Phenazopyridine. Manar M. Tolba and **Mohamed M. Salim**. **J Chromatogr Sci** **2016**, 54(5), 776-789

### Recognitions:

- **Graduate Joint Scholarship for Ph.D Study**, Georgia State University, Atlanta, GA 30303, USA: 2012 JAN- 2014 APRIL.
- **Training summer course on Recent Advances in Instrumental Analysis (Foreign Scholarship) in** Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, University Islam Antarabangasa Malaysia (UIAM); International Islamic University Malaysia (IIUM), Malaysia: 2011 APRIL-2011 OCTOBER.

### Link to Personal sites:

[Mansoura University Website](#)

[Faculty of Pharmacy Website](#)

[Research Gate](#)

[Google Scholar](#)

[Scopus](#)