

### **Basic Information :**

**Name :** Amr Mohamed Badawy  
**Title :** Professor of Analytical Chemistry



Professor Amr Badawy, Professor of Analytical Chemistry - Department of Pharmaceutical Chemistry. He has a Ph.D and a MSC degree in Analytical Chemistry from Cairo university.

### **Education :**

<b>Certificate</b>	<b>Major</b>	<b>University</b>	<b>Year</b>
PhD	Analytical Chemistry	Cairo University -Faculty of Pharmacy	2003
Masters	Analytical Chemistry	Faculty of Pharmacy, Cairo University	1996
Bachelor	Analytical Chemistry	Faculty of Pharmacy, Cairo University	1991

### **Teaching Experience :**

<b>Name Of Organization</b>	<b>Position</b>	<b>From Date</b>	<b>To Date</b>
Faculty of Pharmacy, Cairo University	Assistant Professor	01/01/2008	01/01/2013
Faculty of Pharmacy, Cairo University	Lecturer	01/01/2003	01/01/2008
Faculty of Pharmacy, Cairo University	Assistant Lecturer	01/01/1996	01/01/2003
Faculty of Pharmacy, Cairo University	Demonstrator	01/01/1991	01/01/1996

### **Research :**

- Spectral resolution of quaternary components in a sinus and congestion mixture; Multivariate algorithms to approach extremes of concentration levels.
- Analytical methods for the determination of paracetamol, pseudoephedrine and brompheniramine in Comtrex® tablets
- Spectrophotometric resolution and quantification of ternary co-formulated mixture of thioctic acid, benfotiamine and cyanocobalamin
- Experimental validation of a computationally designed tiotropium membrane sensor
- Analysis of paracetamol, pseudoephedrine and cetirizine in Allercet Cold® capsules using spectrophotometric techniques
- Analysis of paracetamol, pseudo-ephedrine and brompheniramine in comtrex tablets using chemometric methods.
- Selective determination of tolterodine tartrate in presence of its oxidative
- Determination of sparfloxacin and besifloxacin hydrochlorides using gold nanoparticles modified carbon paste electrode in micellar medium
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- Stability-Indicating Methods for the Determination of Gemifloxacin in Presence of Its Acid Degradation Product
- Analysis of Stiripentol Enantiomers on Several Chiral Stationary Phases: A Comparative Study
- Electroanalytical Determination of Gemifloxacin Mesylate in Bulk, Tablets and
- A validated stability indicating HPLC method for determination of sitagliptin
- 6. Stability – Indicating Methods for the Determination of Erdosteine In the Presence of Its Acid Degradation Products; Nadia M. Moustafa
- 10. Stability Indicating Methods for the Determination of Rosuvastatin Calcium in the Presence of its oxidative Degradation Products

Stability Indicating PLS and PCR Chemometric Methods for the Determination of Rosuvastatin in Presence of its Two Oxidative Degradation Products

Selective Determination of Bambuterol Hydrochloride in the Presence of its Active Metabolite Terbutaline

Stability Indicating Spectrophotometric Methods for Determination of Rosuvastatin in the Presence of its Acid Degradation Products by Derivative Spectrophotometric Techniques