



CURRICULUM VITAE

Name: Eglal Abdelhameed Abdelaleem

Nationality: Egyptian **Date of Birth:** Noember 12, 1981.

Current Position: lecturer of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Beni-Suef University, Beni-Suef, Egypt.

Home Address: Ehnasia, Beni-Suef, Egypt.

Office Address: Faculty of Pharmacy, Beni-Suef University, Egypt.

Cellular Phone: +2 01286211181/ 01060917535

E-mail Address: eglal_bardisi@yahoo.com.

University Website: www.bsu.edu.eg

Educational History

- **Philosophy of Doctor (Ph.D) of Pharmaceutical Sciences (Analytical Chemistry)**
Faculty of Pharmacy, Beni Suef University, February 2011.
- **Master of Pharmaceutical Sciences (Analytical Chemistry)** Faculty of Pharmacy, Cairo University- Beni Suef Branch, September 2008.
- **Bachelor of Pharmaceutical sciences**, Faculty of Pharmacy, Cairo University - Beni-Suef Branch, May 2003.

Occupational Background:

- Lecturer in Analytical Chemistry, Faculty of Pharmacy, Beni-Suef University, Egypt. (2011-2015).
- Assistant Lecturer in Analytical Chemistry Department, - Faculty of Pharmacy, Beni-Suef University, Egypt. (2008-2011).
- Demonstrator in Analytical Chemistry Department, Faculty of of Pharmacy, Beni-Suef University, Egypt. (2004-2007).

Research Interest:

Pharmaceutical Analytical Chemistry:

- Chromatographic methods (including HPLC, HPTLC and LC-MS).

- Spectrophotometric and spectrofluorimetric methods.
- Multivariate analysis.
- Studying drug stability in raw material and in their pharmaceutical preparations.
- Analysis of drugs in raw materials, pharmaceutical formulations and biological fluids, whether in mixtures or in presence of metabolites, impurities or degradation products.

Publications:

A- Pre-doctor publications (4)

1-Simultaneous determination of methocarbamol and ibuprofen or diclofenac potassium using mean centering of the ratio spectra method

Nouruddin W. Ali, Maha A. Hgazy, M Abdelkawy, **Eglal A. Abdelaleem**
Acta Pharmaceutica 62 (2), 191-200

2-Quantitative determination of oxybutynin hydrochloride by spectrophotometry, chemometry and HPTLC in presence of its degradation product and additives in different pharmaceutical dosage forms

Nouruddin W. Ali, Maha A. Hgazy, M Abdelkawy, **Eglal A. Abdelaleem**
Talanta 80 (5), 2007-2015

3-Simultaneous determination of methocarbamol and its related substance (guaifenesin) in two ternary mixtures with ibuprofen and diclofenac potassium by RP- HPLC method

Nouruddin W. Ali, Maha A. Hgazy, M Abdelkawy, **Eglal A. Abdelaleem**
Journal of Liquid Chromatography & Related Technologies 35 (16), 2229-2242

4- Simultaneous Determination of Methocarbamol and Its Related Substance (Guaifenesin) in Two Ternary Mixtures with Ibuprofen and Diclofenac Potassium

Nouruddin W. Ali, Maha A. Hgazy, M Abdelkawy, **Eglal A. Abdelaleem**
Journal of Planar Chromatography Modern TLC, 25 (2) (2012): 150-155.

B- Post-doctor publications

Publications from master and doctor thesis (11)

1-Stability indicating spectrophotometric and spectrodensitometric methods for determination of calcium dibesilate in the presence of its impurity and / or degradation product

Nouruddin W. Ali, Maha A. Hgazy, **Eglal A. Abdelaleem**, M Abdelkawy, Rehab M. Abdelfatah

International Journal of Pharmacy and Pharmaceutical Sciences 5 (3) (2013)207-214

3-Linear Support Vector Regression and Partial Least Squares Chemometric Models for Determination of Hydrochlorothiazide and Benazepril Hydrochloride in Presence of Related Impurities: A Comparative Study

Ibrahim A. Naguib, **Eglal A. Abdelaleem**^a, Mohammed E. Draz and Hala E. Zaazaa

Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 130 (2014) 350-356.

4-Two Validated Liquid Chromatographic Methods for the Simultaneous Determination of Flumethasone Pivalate, Its Related Substance (Flumethasone), and Clioquinol

Nouruddin W. Ali, Maha A. Hgazy, **Eglal A. Abdelaleem**, M Abdelkawy, Rehab M. Abdelfatah

Journal of Planar Chromatography Modern TLC, 27 (6) (2014): 466-471.

5-Simultaneous determination of Hydrochlorothiazide and Benzapril Hydrochloride or Amiloride Hydrochloride in presence of Hydrochlorothiazide impurities: Chlorothiazide and Salamide by HPTLC method

Ibrahim A. Naguib, **Eglal A. Abdelaleem**, Hala E. Zaazaa and Mohammed E. Draz

Journal of chromatographic Science, 53 (2015) 183-188

6-Development and Validation of a Stability-Indicating High-Performance Thin-Layer Chromatographic Method for Determination of Pyridostigmine Bromide in the Presence of Its Alkaline-Induced Degradation Product

Nouruddin W. Ali*, **Eglal A. Abdelaleem**, Ibrahim A. Naguib, and Fatma F. Abdallah

Journal of Planar Chromatography Modern TLC, 28 (4) (2015): 316-322

7-Development and validation of stability indicating spectrophotometric and HPTLC methods for determination of acemetacin

Ibrahim A. Naguib, **Eglal A. Abdelaleem**, Hala E. Zaazaa, and Essraa A. Hussein

European Journal of Chemistry 5 (2) (2014) 219-226

8-Spectrophotometric Methods for Quantitative Determination of Binary Mixture of Hydrochlorothiazide and Amiloride Hydrochloride without Prior Separation

Eglal A. Abdelaleem, Ibrahim A. Naguib, Hala E. Zaazaa and Mohammed E. Draz

Asian Journal of Biomedical and Pharmaceutical Sciences, 4(34) (2014) 27-33

9-Development and Validation of RP-HPLC Method for Determination of Hydrochlorothiazide, Amiloride Hydrochloride and Related Impurities in Bulk and Pharmaceutical Dosage Forms

Ibrahim A. Naguib, **Eglal A. Abdelaleem**, Mohammed E. Draz, Hala E. Zaazaa
Analytical Chemistry Letters 5 (2)2015 85 – 93

10- HPTLC and RP-HPLC methods for simultaneous determination of Paracetamol and Pamabrom in presence of their potential impurities

Eglal A. Abdelaleem, Ibrahim A. Naguib, Eman S. Hassan, Nouruddin W. Ali
Journal of Pharmaceutical and Biomedical Analysis 114 (2015) 22–27.

11-Novel spectrophotometric determination of flumethasone pivalate and clioquinol in their binary mixture and pharmaceutical formulation

Eglal A. AbdelAleem, Maha A. Hegazy, Nouruddin W. Ali, M. Abdelkawy, Rehab M. Abdelfatah,
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 136 (2015) 707-713.

12-Determination of Cefoperazone Sodium in Presence of Related Impurities by Linear Support Vector Regression and Partial Least Squares Chemometric Models

Ibrahim A. Naguib, **Eglal A. Abdelaleem**, Hala E. Zaazaa, and Essraa A. Hussein
Journal of Analytical Methods in Chemistry Volume 2015, Article ID 593892, 8 pages

2- Publications not from thesis (10)

1- Application of Fourier Function to Double Divisor Ratio Spectra Curves for Analysis of Some Amoebicide Drugs in Their Ternary Mixtures.

Nada S Abdelwahab and **Eglal A Abdelaleem**
PharmceuticaAnalyticaActa., 3 (2) (2012).

2- Validated stability indicating RP-HPLC method for determination of paracetamol, methocarbamol and their related substances.

Eglal A. Abdelaleem and Nada S. Abdelwahab
Analytical Methods, 5 (2013) 241-245 DOI:10.1039/C2AY26085A

3- Simultaneous determination of some antiprotozoal drugs in their binary and ternary mixtures with mebeverine hydrochloride in different dosage forms.

Eglal A. Abdelaleem and Nada S. Abdelwahab

Journal of Liquid Chromatography and Related Technologies, 36: (2013) 1528–1539

4- TLC Densitometric determination of guaifenesin, pseudoephedrine hydrochloride and guaifenesine related substance (guaiacol).

Nada S. Abdelwahab and **Eglal A. Abdelaleem**

Journal of Planar Chromatography Modern TLC, 26 (1) (2013): 73-77.

5- Stability-Indicating TLC–Densitometric Method for Simultaneous Determination of paracetamol and Chlorzoxazone and their Toxic Impurities.

Eglal. A. Abdelaleem and Nada. S. Abdelwahab

Journal of Chromatographic Sciences 2012; 51(2): 187-191, doi:10.1093/chromsci /bms125.

6-Validated chromatographic and spectrophotometric methods for analysis of some amoebicide drugs in their combined pharmaceutical preparation.

Eglal. A. Abdelaleem and Nada. S. Abdelwahab

Pakistan journal of Pharmaceutical Sciences, 26 (1) (2013)175-183.

7- Simultaneous determination of some antiprotozoal drugs in different combined dosage forms by mean centering of ratio spectra and multivariate calibration with model updating methods.

Eglal. A. Abdelaleem and Nada. S. Abdelwahab

Chemistry Central Journal 2012, 6:27

8-Mean centering of ratio spectra and successive derivative ratio spectrophotometric methods for determination of isopropamide iodide, trifluoperazine hydrochloride and trifluoperazine oxidative degradate

Maha M. Abdelrahman , **Eglal A. Abdelaleem**

"*Journal of Saudi Chemical Society*"2012

9- Stability Indicating RP-HPLC Method for Simultaneous Determination of Guaifenesin and Pseudoephedrine Hydrochloride in Presence of Syrup Excepients.

Nada. S. Abdelwahab and **Eglal. A. Abdelaleem**

"*Arabian Journal of Chemistry*.", accepted for publication November 2013

10-HPTLC Method for the Determination of Paracetamol, Pseudoephedrine and Loratidine in Tablets and Human Plasma

Nehal Fayek Farid* , **Eglal A. Abdelaleem**

accepted for publication in Journal of Chromatographic Sciences

Conferences Participation

1-Posters presented at FUE International Conference on Pharmaceutical Technologies (ICPT). Feb. 2012.

a- "Simultaneous determination of some antiprotozoal drugs in different combined dosage forms by mean centering of ratio spectra and multivariate calibration with model updating methods"

Eglal A Abdelaleem, Nada S Abdelwahab

2- Posters presented in The 4th International Scientific Conference of Faculty of Pharmacy, Cairo University, Entitled "Pharmacy Education and Community Expectations". April 2013.

2a-Stability Indicating RP-HPLC Method for Simultaneous Determination of Guaifenesin and Pseudoephedrine Hydrochloride in Presence of Syrup Excepients.

*Nada. S. Abdelwahab and **Eglal. A. Abdelaleem.***

2b- Stability Indicating HPTLC Method for Determination of Ascorbic Acid, Paracetamol and Guaifenesin in Their Ternary Mixture.

*Maha. M. Abdelrahman, Nada. S. Abdelwahab and **Eglal. A. Abdelaleem.***

2c-Development and Validation of Stability Indicating Spectrophotometric and HPTLC Methods for Determination of Acemetacin

*Ibrahim A. Naguib, **Eglal A. Abdelaleem** , Hala E. Zaazaa and Essraa A. Hussein*

3- Poster presented in The 17th Scientific Congress of The Association of Pharmacy Colleges in The Arab World" New Trends in Drug Discovery, Development and Pharmacy Practice", Ein Shams University. October 2014.

"different chromatographic methods for determination of carbazochrome and troxerutin in pharmaceutical formulations".

*Nouruddin W. Ali, 2 Maha. M. Abdelrahman, **Eglal. A. Abdelaleem,**Raghda A.Emam*

4- Poster presented in 5th International Conference of pharmaceutical and Drug Industries Research Division under the theme of Advances in Pharmaceutical Research . March 2015



4a-" simultaneous Determination of Theophylline, Guaifenesin and its Impurity Guaicol by HPLC, TLC-spectrodensitometric Methods in Pure form and in Syrup formulation

Eglal. A. Abdelaleem, Ibrahim A.Naguib, Hala E.Zaazaa, shimaa A farag

4b-" development of three spectrophotometric methods for determination of pyridostigmine

Eglal. A. Abdelaleem, Ibrahim A.Naguib, Fatma F.Abdallah, Nouruddin W. Ali

4c- HPTLC and RP-HPLC for determination of paracetamol and pamabrom

Nouruddin W. Ali, Ibrahim A.Naguib, Eglal. A. Abdelaleem, Eman S.Hassan

5- Poster presented in The 1st International Conference on Health between Nutrition and Treatment, Beni-Suef University

5a- "Development and validation of three spectrophotometric Methods for simultaneous Determination of Paracetamol and Pamabrom in Bulk and Pharmaceutical Formulation"

Eglal. A. Abdelaleem, Ibrahim A.Naguib, Eman S.Hassan, Nouruddin W. Ali

5b-" Quantitative Determination of Carbinoxamine Maleate and Pseudoephedrine HCl by Double Divisor-Ratio Spectra Derivative Method and Multivariate Calibration With Model Updating in Presence of Oral Drops Excipients"

Eglal. A. Abdelaleem, Maha. M. Abdelrahman, Nouruddin W. Ali, Raghda A.Emam

General certificates:

- International Computer driving License (ICDL).
- National TOEFL PBT (2009) score: 504.

Membership:

- Member in the Egyptian General Syndicate of Pharmacists
- Member in Beni-Suef Syndicate of Pharmacists.

Teaching Experience:

- Teaching and supervising the practical courses of pharmaceutical analytical Chemistry for the undergraduate students (first, second, fourth & fifth year) in Faculty of Pharmacy, Beni-Suef University general and clinical pharmacy programs.
- Oral examiner for undergraduate students in Faculty of pharmacy Beni-Suef University and in other public and private universities.
- Teaching and supervising in pharmaceutical analytical Chemistry for the postgraduate students in Faculty of Pharmacy, Beni-Suef University.

- Supervising many of master and Ph.D students (Pharmaceutical analytical chemistry and Medicinal Chemistry).
- Working as academic advisor for clinical pharmacy program students (since 2010).
- Supervising the summer training of undergraduate students at Faculty of Pharmacy, Beni-Suef University.

Scientific Courses:

Under graduate students

- General and physical chemistry
- Qualitative analysis (analysis of cations and anions)
- Volumetric analysis (acid base, precipitmetry, complexometry, redox analysis)
- Chromatography courses (HPLC principles& applications in pharmaceutical analysis).
- Instrumental analysis (principles and applications of different instrumental techniques in pharmaceutical analysis e.g. Spectroscopic methods (spectrophotometry, Spectrofluorimetry, Atomic absorption...etc), chromatographic methods (HPLC, GC, TLC...etc), electrochemical methods (conductometry, potentiometry...etc)).
- Quality control and quality assurance in pharmaceutical industry.
- Electrochemical methods of analysis (conductometry, potentiometry...etc).

Premaster courses:

- 1- Advanced methods of instrumental analysis (IR, MS and NMR spectrometry and spectrophotometry).
- 2- Quality control in pharmaceutical industry.
- 3- Separation analysis techniques (GC, TLC, HPLC, UPLC, LC-MS and Electrophoresis).
- 4- Stability indicating methods of analysis.

د/ إجلال عبد الحميد عبد العليم محمد

يعتمد

عميد الكلية

أ.د. علاء عبد الحليم مرزوق

رئيس القسم

أ.د. نور الدين وجيه سيد

