

## Curriculum Vitae

**Name:** Nessreen Salah Eldin Abdelhamid Mohamed  
**Position:** Lecturer of Pharmaceutical analytical chemistry  
**Nationality:** Egyptian.  
**Date of Birth:** March 5, 1980.  
**Address:** 1) 8a Fatema Alzahraa street, Beni-Suef, Egypt.  
2) Faculty of Pharmacy, Beni-Suef University, El Shahid Ahmed Hegazi Street, Beni-Suef, 62514, Egypt  
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### **Degrees:**

- 1) B.Sc. of Pharmaceutical sciences (**Excellent with honor degree**), Cairo University, Beni-Sueif Branch, 2002.
- 2) M.Sc. Pharmaceutical Analytical Chemistry, Cairo University, 2009.
- 3) Ph.D. Pharmaceutical Analytical Chemistry, Beni-Suef University, 2014.

### **Experiences:**

- 1- Demonstrator of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Beni-Suef University, 30/12/2002.
- 2- Assistant lecturer of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Beni-Suef University, 8/2/2010.
- 3- Lecturer of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Beni-Suef University, 24/12/2013 and till now.

### **Noticing that:**

- 1- The research unit at Beni-Suef branch of Cairo University was completed at July 2002.
- 2- Beni-Suef University, Egypt (was separated from Cairo University according to the Republic role No [192/2005] starting 1 August 2005).
- 3- All courses and exams (written, oral, and practical) during undergraduate and graduate studies were in English.

### **Fields of research and routine work:**

Research in analytical methods for drugs and related substances in bulk forms and pharmaceutical formulations including; spectrophotometry, HPLC, HPTLC, GC and chemometrics.

### **Brief description of duties:**

- Teaching of **Analytical Chemistry-1** for undergraduate students of Program of pharmaceutical Sciences and Program of Clinical Pharmacy.
- Teaching of **Analytical Chemistry -2** for undergraduate students of Program of pharmaceutical Sciences and Program of Clinical Pharmacy .
- Teaching of **Analytical Chemistry -3** for undergraduate students of Program of pharmaceutical Sciences.
- Teaching of **Instrumental Analysis** for undergraduate students of Program of pharmaceutical Sciences and Program of Clinical Pharmacy.
- Teaching of **Drug quality Control And Analysis** for undergraduate students of Program of Clinical Pharmacy.
- Teaching of **postgraduate students** special courses of **Advanced Methods Of Analysis, Thermal Analysis, and Functional Group Analysis.**
- Supervision on the practical sections of undergraduates.
- Participating in **preparation of final written and practical exams** as well as **periodic exams** of undergraduates.
- Supervision on master and Ph.D. Theses of Postgraduates.**

### **Activities:**

- 1) Coordinator of post-graduate studies standard committee in the Quality Assurance Unit (QAU) in Faculty of Pharmacy , Beni-Suef University (10/2016 till now).
- 2) Member of the internal audit committees in the Quality Assurance Unit (QAU) in the academic years 2017/2018 – 2018/2019.
- 3) Pharmaceutical analytical chemistry department board honest and member (October 2017 – September 2019).
- 4) Member of the Faculty board since January 2020.
- 5) Member of “Beni Suef National University, Faculty of pharmacy regulation statute establishment committee” since 17th Sept.2020.
- 6) Member of the Egyptian Pharmacists Syndicate.

### **Attendance of Symposia**

- 1) Attendance of the symposium entitled “Good Researcher And International Publishing” held in Beni-Suef University, Sept. 18th, 2016.
- 2) Attendance of the symposium entitled “How to prepare proposals of research projects, writing and financing steps” held in Beni-Suef University, Oct. 4th, 2016.
- 3) Attendance of the symposium entitled “Spreading the culture of QUALITY ” held by the Quality Assurance Unit (QAU) in Faculty of Pharmacy , Beni-Suef University. Part 1 (Oct. 21, 2018) & part 2 (Oct. 30, 2018).

4) Attendance of the symposium entitled “Industrial safety ” held by the Quality Assurance Unit (QAU) in Faculty of Pharmacy , Beni-Suef University. Feb. 17th, 2019.

5) Attendance of the symposium entitled “Awareness of the ministerial modifications to the faculty regulation statute ” held by the Quality Assurance Unit (QAU) in Faculty of Pharmacy , Beni-Suef University. Feb. 24th, 2019.

### **Professional workshops**

1) Attendance of the workshop entitled “LC-MS-MS Basics and Applications” held by the Quality Assurance Unit (QAU) in Faculty of Pharmacy , Beni-Suef University. Sept. 13th , 2018.

2) Attendance of the workshop entitled “Separation And Flash Chromatography Solutions” held in the Faculty of Pharmacy , Fayoum University. Sept. 18th , 2018.

3) Attendance of the workshop entitled “Liquid Chromatography Mass Spectrometry LC-MS Basics and Applications” held by Nawah Scientific centre. July. 11-15 , 2020.

4) Attendance of the course entitled “Biostatistics : Basics and Applications” held by Nawah Scientific centre. August. 22-24 , 2020.

5) Attendance of the course entitled “Gas Chromatography Mass Spectrometry GC-MS Basics and Applications” held by Nawah Scientific centre. Sept.. 27-29 , 2020.

### **Scientific siminars**

1) Attendance of the seminar entitled “Green Chemistry And Green Analytical Chemistry” held by the Pharmaceutical Analytical Chemistry Department, Faculty of Pharmacy , Beni-Suef University. Feb. 27th , 2018.

2) Attendance of the seminar entitled “Experimental Design” held by the Pharmaceutical Analytical Chemistry Department, Faculty of Pharmacy , Beni-Suef University. March. 27th , 2018.

3) Attendance of the seminar entitled “ICH Guidelines, Highlights On Analytical Method Validation” held by the Pharmaceutical Analytical Chemistry Department, Faculty of Pharmacy , Beni-Suef University. April. 24th , 2018.

4) Attendance of the seminar entitled “Ion Selective Electrode” held by the Pharmaceutical Analytical Chemistry Department, Faculty of Pharmacy , Beni-Suef University. July. 31st, 2018.

5) Attendance of the seminar entitled “Gas Chromatography , Tips And Precautions” held by the Pharmaceutical Analytical Chemistry Department, Faculty of Pharmacy , Beni-Suef University. Oct. 30th , 2018.

### **Training workshops from “Human Resource Development Centre” Beni-Suef University:**

1) The training workshop entitled “Research Team Management” Dec. 30th & 31st , 2018.

2) The training workshop entitled “Student Evaluation and Examination Techniques” March. 3rd & 4th , 2020.

- 3) The training workshop entitled “Integrity, Transparency and Anti-corruption” May. 5th & 6th , 2020.
- 4) The training workshop entitled “Use of Technology in Teaching” June. 14th & 15th , 2020.
- 5) The training workshop entitled “Time And Meeting Management” June. 17th & 18th, 2020.
- 6) The training workshop entitled “Effective Presentation Skills” held in the Center of Human Resources Development , Beni-Suef University. June. 21st & 22nd, 2020.

**Other courses and workshops:**

- 1) Attendance of the workshop entitled “Use And Activation Of EKB Gate” held by digital library project in Beni-Suef University, March. 8th & 9th , 2017.
- 2) Attendance of the workshop entitled “Updating of course specifications” held by the Quality Assurance Unit (QAU) in Faculty of Pharmacy , Beni-Suef University. Part 1 (Oct. 31, 2017) & part 2 (Nov. 7th & 8th, 2017) .
- 3) Attendance of the workshop entitled “Postgraduate course specifications” held by the Quality Assurance Unit (QAU) in Faculty of Pharmacy , Beni-Suef University. Nov. 28th , 2017.
- 4) Attendance of the workshop entitled “Exams and control affairs” held by the Quality Assurance Unit (QAU) in Faculty of Pharmacy , Beni-Suef University. Nov. 29th , 2017.
- 5) Attendance of the workshop entitled “Modern teaching methods” held by the Quality Assurance Unit (QAU) in Faculty of Pharmacy , Beni-Suef University. Feb. 26th, 2019.
- 6) Attendance of the workshop entitled “First aid and rescue methods in emergency cases” held by the Quality Assurance Unit (QAU) in Faculty of Pharmacy , Beni-Suef University. March. 3rd , 2019.
- 7) Attendance of the workshop entitled “Scenario of buildings evacuation” held by the Quality Assurance Unit (QAU) in Faculty of Pharmacy , Beni-Suef University. March. 26th , 2019.
- 8) Participation in the module entitled “University Exams And Digital Question Banks” held by the DAAD Kairo Akademie at the premises of Beni-Suef University. Dec. 18th , 2019.

**Scientific conferences:**

- 1) Participation by a poster in “2<sup>nd</sup> International Conference of Faculty of Pharmacy, Ain Shams University – 2<sup>nd</sup> ICPASU” 13 – 15<sup>th</sup> Nov. 2018.
- 2) Participation by a poster in “5<sup>th</sup> FUE International Conference of Pharmaceutical Sciences” held by Future University ,28 – 30<sup>th</sup> Jan. 2019.
- 3) Participation by a poster in “NUB 2<sup>nd</sup> Conference of Scientific Research in Pharmacy” held in Faculty of Pharmacy , Nahda University. 11 – 12<sup>th</sup> March, 2019.
- 4) Participation by a poster in “The 2<sup>nd</sup> Pharmaceutical Scientific Conference” held in Faculty of Pharmacy , Beni-Suef University. April. 4th , 2019.

### **Thesis:**

Nessreen Salah Eldin Abdelhamid, (2009). Analytical Study of Some Drugs Affecting Respiratory System. Thesis for M.Sc. degree. Faculty of Pharmacy, Beni-Suef University.

Nessreen Salah Eldin Abdelhamid, (2013). Analytical Study of Some Pharmaceutical Compounds Acting On The Respiratory System. Thesis for Ph.D. degree. Faculty of Pharmacy, Beni-Suef University.

### **Computer skills:**

ICDL equivalent certificate, Supreme Council of Universities, CUICTT, Egypt, January 20, 2007.

### **Publications:**

1-Fadia H. Metwally, M. Abdelkawy and **Nessreen S. Abdelhamid**. Application of spectrophotometric and GC techniques for simultaneous determination of diphenhydramine hydrochloride and menthol in pharmaceutical preparations. The Bulletin Of Faculty Of Pharmacy Cairo University. 2009; 47:1-15.

2- Fadia H. Metwally, M. Abdelkawy and **Nessreen S. Abdelhamid**. Application of spectrophotometric and thin layer chromatographic techniques for simultaneous determination of ambroxol hydrochloride and doxycycline hyclate in pharmaceutical preparations. The Bulletin Of Faculty Of Pharmacy Cairo University. 2009; 47:17-34.

3- Nouruddin W. Ali , M. Abdelkawy and **Nessreen S. Abdelhamid**. Simultaneous determination of paracetamol and diphenhydramine hydrochloride mixture in the presence of their degradation products. International organization of scientific research (IOSR), Journal of Pharmacy and Biological Sciences.2013;6(5):44-52.

4- Nouruddin W. Ali , M. Abdelkawy and **Nessreen S. Abdelhamid**. Determination of oxeladin citrate in the presence of two of its degradation products by HPTLC and HPLC. International Journal of Pharmacy and Pharmaceutical Sciences.2013;5(4) ; 282-289.

5- Amal Khorshid, **Nessreen S. Abdelhamid**, Eglal A. Abdelaleem and Mahmoud M. Amin. Simultaneous determination of metformin and pioglitazone in presence of metformin impurity by different spectrophotometric and TLC – densitometric methods. SOJ Pharmacy & Pharmaceutical Sciences. 2018; 5(3) : 1–8.

6- Eglal A. Abdelaleem, and **Nessreen S. Abdelhamid**. An innovative method, interference subtraction, for determination of drugs in syrups in presence of

potential interfering excipients. Analytical Chemistry Letters. 2018; 8 (6) : 782 – 793.

7- **Nessreen S. Abdelhamid** , Eglal A. Abdelaleem, Amal Khorshid and Mahmoud M. Amin. Determination of antihypertensive drugs by using ratio difference spectrophotometric method. European journal of chemistry. 2019;10(1): 12-18.

8- **Nessreen S. Abdelhamid** , Mohammed T. Elsaady , Nouruddin W. Ali and Walaa G. Abuelazem. Simultaneous determination of repaglinide, metformin hydrochloride and melamine by new HPLC and HPTLC chromatographic methods. Analytical Chemistry Letters. 2019; 9(3): 418 – 429.

9- Maimana A. Magdy, Basma H. Anwar, Ibrahim A. Naguib and **Nessreen S. Abdelhamid**. Quantitative determination of Dapoxetine hydrochloride and Tadalafil using different validated spectrophotometric methods. Spectrochimica Acta Part A. 2019; 226: 117611.

10- Basma H. Anwar, **Nessreen S. Abdelhamid**, Maimana A. Magdy and Ibrahim A. Naguib. A Comparative Chemometric Study for Quantitative Determination of Duloxetine Hydrochloride in the Presence of its Toxic Impurity 1-Naphthol. Current Pharmaceutical Analysis. 2019; 15:00-00.

11- Ibrahim A. Naguib, Maimana A. Magdy, Basma H. Anwar and **Nessreen S. Abdelhamid** . A Validated Green HPTLC Method for Quantitative Determination of Dapoxetine Hydrochloride and Tadalafil in Bulk and Pharmaceutical Formulations. Journal of chromatographic science. 2020; 58(4) : 303-308.

12- Basma H. Anwar, **Nessreen S. Abdelhamid**, Maimana A. Magdy and Ibrahim A. Naguib. Linear Support Vector Regression and Partial Least-Squares for Determination of Dapoxetine Hydrochloride and Tadalafil in Binary Pharmaceutical Mixtures. Journal of AOAC INTERNATIONAL. 2020;103(1) .

13- Ibrahim A. Naguib, **Nessreen S. Abdelhamid**, Basma H. Anwar and Maimana A. Magdy. Three Spectrophotometric Methods for Quantitative Analysis of Duloxetine in Presence of its Toxic Impurity: 1-Naphthol. Journal of AOAC INTERNATIONAL. 2020; 103(4) : 972–979.

14- **Nessreen S. Abdelhamid**. A comparative study of two novel validated spectrophotometric techniques for resolution of four- component mixtures with severely overlapping spectra. Spectrochimica Acta Part A. 2020; 233: 118213.

15- Nehal F. Farid, Ibrahim A. Naguib, Nessreen S. Abdelhamid, Basma H. Anwar and Maimana A. Magdy . Validated ecofriendly chromatographic method for quantitative determination of anti-migraine quaternary mixture. Journal of separation science. 2020; 43(12) : 2330-2337.

16- Nessreen S. Abdelhamid, Ibrahim A. Naguib, Basma H. Anwar and Maimana A. Magdy . A validated HPTLC method for quantitative determination of Duloxetine hydrochloride and 1-naphthol in bulk and pharmaceutical formulation. JPC-Journal of planar chromatography-Modern TLC. published 23 July 2020.

17- Eglal A. Abdelaleem, Dalal A. Abou El Ella, Alaa M. Mahmoud , Nessreen S. Abdelhamid Green analysis of newly approved binary omeprazole / aspirin mixture in presence of aspirin Impurity using ultra high performance liquid chromatography and TLC methods. Journal of biomedical chromatography. Accepted 31 August 2020.

#### Reviewer in some scientific journals

- Spectrochimica Acta
- Journal of Planar Chromatography
- Analytical Chemistry letters
- Journal of Drug Research And Development

يعتمد  
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القائم بأعمال رئيس القسم  
أ.م.د. اجلال عبد الحميد عبد العليم