

Curriculum Vitae



Name: Mohammed Gamal Mahmoud Mohamed

Title: Assistant professor , medicinal chemistry department , pharmacy program ,
Ibn Sina National College , Jeddah , KSA

Past: Lecturer assistant at analytical Chemistry department, faculty of pharmacy, Beni
Suef University .

Birth Date: 29/ 12/ 1981

Nationality: Egyptian.

Passport No: A10788356

Marital Status : married and have two children.

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Work Experiences :

* Appointed for teaching the following practical courses during (2006-2013)

- ❑ Physical chemistry (mathematical concept , mole concept, calculation of water content in hydrated salt , reaction rate constant , effect of concentration on reaction rate ,heat of combustion of alcohol)
- ❑ Qualitative analysis for the first year (anion and cation) .
- ❑ Quantitative analysis for first and second year students (acid base, complexometry, precipitometry, redox, chromatography ,electrochemistry ,potentiometry, spectrophotometry).
- ❑ Quality control of pharmaceutical product for fifth year students

* Appointed for teaching the following courses during (9/2013- now)

- General and Physical chemistry (atom , periodic table , Lewis structures, hybridization , geometry , solution , reaction kinetics , rate distribution constant , Chemical equilibrium)
- Instrumental analysis for the second year (Spectrophotometry ,electrochemistry) .
- Pharmacopeial analysis for level 8 pharmacy students in Ibn Sina National College Pharm. D. program.

Employment History :

- Work as a pharmacist in Egyptian army (medical services)from 1/2005 till 3/2006
- Work as assistant in analytical chemistry department faculty of pharmacy , Beni Suef university from 3/2006 till 10/2009.
- Work as Lecturer assistant in analytical chemistry department faculty of pharmacy, Beni Suef University from 10/2009 till 6/2013.
- Work as Lecturer in analytical chemistry department faculty of pharmacy, Beni Suef University from 6/2013 till 9/2014.
- Work as Assistant professor in Medicinal chemistry department pharm. D. program , Ibn Sina National College (NCAAA accreditation) , Jeddah , KSA from 9/2014 till now.

Education - University:

- **B.Sc.** of Pharmaceutical science, Beni-Suef branch, Cairo University.
- **Graduation year:** 2004, **Grade:** excellent with honor.
- **Master** in pharmaceutical analytical chemistry, Beni-Suef University,
- **Graduation year:** 2009
- Take Ph.D induction courses at charls sturt university, division of Biomedical science , polyphenol analysis group from 28/6/ 2011 till 28/8/2011.

- **Ph.D** in pharmaceutical analytical chemistry, Beni-Suef University,
- **Graduation year:** 2013

Awards

- a shield of excellence for taking master degree from Egyptian pharmacist syndicate in 17-10-2010.
- The best Ph. D. thesis in Beni suef university in 20-5- 2014

Research work :

a) Analysis of some amino group containing pharmaceutical drugs

1-Spectrophotometric and spectrofluorimetric determination of acetorphan (racecadotril).

2-spectrophotometric ,spectrofluorimetric ,HPLC , Densitometric and chemometrics determination of mixture of aspirin and caffeine and orphenadrine citrate .

3-spectrophotometric ,spectrofluorimetric ,HPLC by microemulsion mobile phase MELC , Densitometric and chemometrics determination of mixture of paracetamol and orphenadrine citrate in presence of degradation product of paracetamol (para-amino phenol).

b) Analysis of some drugs acting on GIT

1-Spectrophotometric, spectrofluorimetric , HPLC and Densitometric determination of Diiodohydroxyquinoline and Metronidazole mixture.

2-Derivative Spectrophotometric , Bivariate Spectrophotometric ,HPLC , Densitometric and chemometrics determination of mixture of Hyoscine N-butyl bromide and Paracetamol .

3-Bivariate Spectrophotometric ,HPLC and Densitometric determination of mixture of Hyoscine N-butyl bromide and Dipyrone .

4-LC-MS as a stability-indicating method for analysis of Hyoscine N-Butyl Bromide under stress degradation conditions with identification of degradation products.

Publications:

1-"Spectrophotometric and spectrofluorimetric methods for simultaneous determination of orphenadrine and paracetamol " Nouruddin W Ali, Mohammed R Elgobashy, Mohammed Gamal and Mohammed Abdelkawy" has been presented in the 1st international pharmaceutical sciences conference in Tanta university in 18 November 2009.

2-"TLC-SPECTRODENSITOMETRIC AND MICROEMULSION RP-HPLC CHROMATOGRAPHIC METHODS for simultaneous determination of orphenadrine and paracetamol "" Nouruddin W Ali, Mohammed R Elgobashy, Mohammed Gamal and Mohammed Abdelkawy" has been published in the trade science inc. analytical chemistry Indian journal in June 2010 vol. 9 (2), website http://tsijournals.com/acaij/Vol9_2/AnAbs37.htm .

3-"Spectrophotometric and spectrofluorimetric methods for determination of acetorphan (racecadotril)" " Nouruddin W Ali, Mohammed R Elgobashy, Mohammed Gamal and Mohammed Abdelkawy" has been published in Pak. J. Pharm. Sci., Volume 24, Issue No.1, pp 19-23 (Jan. 2011).

4-" Simultaneous Determination Of Hyoscine Butyl Bromide and Dipyrrone in Their Binary Mixture By RP-HPLC Method." " Nouruddin W Ali, Mohammed Gamal and Mohammed Abdelkawy" Has been published in IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS) Volume 3, Issue 5 (Sep-Oct. 2012), PP 29-36.

5-"Simultaneous Determination Of Hyoscine Butyl Bromide and Dipyrrone in Their Binary Mixture by RP-TLC Spectrodensitometric Method ." Nouruddin W Ali, Mohammed Gamal and Mohammed Abdelkawy" Has been published in International Journal of Chemical and Analytical Science (IJCAS), Volume 3, Issue 10 (Oct. 2012), pp 1578-1582.

6-"Chromatographic Methods For Simultaneous Determination of Diiodohydroxyquinoline and Metronidazole in Their Binary Mixture." "

Nouruddin W Ali, Mohammed Gamal and Mohammed Abdelkawy" Has been published in Pak. J. Pharm. Sci. Volume 26, Issue 5 (sept 2013), pp 865- 871.

7-" **Spectrofluorimetric Determination of Diiodohydroxyquinoline in presence of Metronidazole in Pharmaceutical Formulation And Spiked Human Plasma**". " Nouruddin W Ali, Mohammed Gamal and Mohammed Abdelkawy" Has been published in GAZI UNIVERSITY JOURNAL OF SCIENCE PART D: CHEMISTRY Volume 26, Issue 2 (2013), pp 141- 149.

8-" **Spectrophotometric Determination of Diiodohydroxyquinoline in presence of Metronidazole in Pharmaceutical Formulation** " " Nouruddin W Ali, Mohammed Gamal and Mohammed Abdelkawy" Has been published in International Journal of Analytical and Bioanalytical Chemistry(IJABC),Volume 3, Issue 2 (April. 2013), pp 52- 58.

9-"**Simultaneous Determination Of Hyoscine Butyl Bromide and Paracetamol in Their Binary Mixture by RP-TLC Spectrodensitometric Method.**" ." Nouruddin W Ali, Mohammed Gamal and Mohammed Abdelkawy" Has been published in British Journal of Pharmaceutical Research Science (BJPR) Volume 3, Issue 3 (May. 2013), pp 472- 484.

10-"**Simultaneous Determination Of Hyoscine N-Butyl Bromide and Paracetamol in Their Binary Mixture by RP-HPLC Method.**" ." Nouruddin W Ali, Mohammed Gamal and Mohammed Abdelkawy" Has been published online in Arabian Journal of chemistry (AJC) in 22 July 2013 Volume X, IssueX(JULY.2013),ppXX-XX(article in press)
doi: <http://dx.doi.org/10.1016/j.arabjc.2013.07.015>.

11-"**Determination of Hyoscine N- Butyl Bromide and Paracetamol Mixture by Zero Order and 1DD First Derivative Ratio Spectrophotometric Method.**" ." Nouruddin W Ali, Mohammed Gamal and Mohammed Abdelkawy" has been published in Annalen der Chemschien Forhung (www.aocsr.com) Analytical chemistry journal in 26 April 2014 Volume 2, Issue 1, pp 9-19.

12-" LC-MS as a stability-indicating method for analysis of Hyoscine N-Butyl Bromide under stress degradation conditions with identification of degradation products." Nouruddin W Ali, Mohammed Gamal and Mohammed Abdelkawy" has been published online in Pharmaceutica Analytica Acta Journal (PAA) in 28 June 2013 (S7:006) special issue drug target and drug design doi:10.4172/2153-2435.S7-006.

Activity

- ❑ **Editor** of UK Journal of Pharmaceutical and Biosciences (UKJPB) in 5-2014.
- ❑ **Reviewer** for Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy journal .
- ❑ **Reviewer** for Science Journal of Analytical Chemistry (SJAC)
- ❑ **Academic advisor** for first year pharmacy students at Ibn Sina National Medical College in academic year 2014-2015.
- ❑ **A member in Academic accreditation team** in Ibn Sina National College for medical studies, pharm. D. program , standard 2 administration (SSPR,SES).
- ❑ **A member in Exam questions evaluation committee for pharm. D. program** in Ibn Sina National College for medical studies.

Computer skills:

- ❑ **ICDL** from international computer center, Faculty of education, Beni-Suef university, issued by UNESCO Cairo Office ,a designated licensee for the international computer driving licensee in October 2010.

Interpersonal skills:

- ❑ Ability to plan, organize and implement different group activities, i.e. conferences and workshops.

- ❑ Working individually or in a team as a team member or a team leader.
- ❑ Working under stress.
- ❑ Organized and self-motivated.
- ❑ Have a good representation & communication skills.

Languages:

- ❑ **Arabic:** Native
- ❑ **English:** Good Spoken and Written (**TOEFL ITP** score **520**) in 13/10/2012 from amid east language center under ETS company.

Training courses:

The following courses have been taken in Faculty and Leadership Development Center (FLDC) in Beni-Suef University

- 1- Strategic planning** from 18/9 till 20/9/2012
- 2- The Credit Hour System** from 2/10 till 4/10/2012
- 3- Quality Standards in Teaching** from 21/10 till 22/10/2012
(Intensive Training Course)
- 4- University Legal and Financial Aspects** from 20/11 till 22/11/2012.
- 5- Competitive Research Projects** from 25/11 till 26/11/2012
(Intensive Training Course)
- 6- Organizing Scientific Conferences** from 16/12 till 17/12/2012
(Intensive Training Course)
- 7- The Administration of The Research Team** from 14/7 till 16/7/2009.
- 8- Occupation Behaviors** from 21/7 till 23/7/2009.
- 9- The Use of Technology in Teaching** from 28/7 till 30/7/2009.

B) The **DAAD training course** organized by International Relations Office (IRO) "**Dealing with change**" presented by Ms. Sonja Drewes On 9 April 2014, At Beni Suef University .

C) Attend a workshop in **writing flawless multiple-choice questions (MCQs)** at Ibn Sina National College for medical studies on 1 /2/2015.