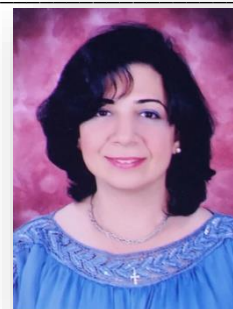


# Curriculum Vitae

**Marianne Alphonse Mahrouse**



Name	First	Middle	Family
	<b>Marianne</b>	<b>Alphonse</b>	<b>Mahrouse</b>
<b>Date of birth</b>	1 / 1 / 1973		
<b>Nationality</b>	Egyptian		
<b>Languages</b>	English and French		
<b>Address</b>	298 Shoubra street, Cairo, Egypt		
Title	Title		Department
	Professor		Pharmaceutical Chemistry
<b>e-mail</b>	<a href="mailto:marianne.alphonse@pharma.cu.edu.eg">marianne.alphonse@pharma.cu.edu.eg</a> ; <a href="mailto:mariannealphonse@yahoo.com">mariannealphonse@yahoo.com</a> ; <a href="mailto:marianne.alphonse@cu.edu.eg">marianne.alphonse@cu.edu.eg</a>		
<b>ID</b>	<a href="https://sites.google.com/a/pharma.cu.edu.eg/marianne-alphonse/system/app/pages/sitemap/hierarchy">https://sites.google.com/a/pharma.cu.edu.eg/marianne-alphonse/system/app/pages/sitemap/hierarchy</a> <a href="https://scholar.cu.edu.eg/?q=marianne/publications">https://scholar.cu.edu.eg/?q=marianne/publications</a> orcid.org/0000-0003-0397-7952		
Phone	<b>Faculty of Pharmacy Cairo University</b>		<b>Extension</b>
	02-23632245 / 02-23639307 / 02-23624917		3183
	<b>Mobile:</b> 01223419917 / <b>Home:</b> 02-22036214		
<b>Education</b>			
<b>School</b>	Collège du Bon Pasteur, Le Caire		
<b>Graduated from</b>	Faculty of Pharmacy, Cairo University		
<b>Graduation date</b>	May 1995 (Excellent with Honor)		
<b>Master Degree</b>	M. Sc. Pharm. Sci.		
<b>Title of Thesis</b>	“Analytical Study of Some Drugs Used as Antihypertensive Agents”		

<b>Specialization</b>	Pharmaceutical Chemistry
<b>University Attended</b>	Cairo University
<b>Year</b>	2002
<b>Ph. D. Degree</b>	Ph.D.
<b>Title of Thesis</b>	“Analytical Study of Some Antihypertensive and Antihyperlipidemic Drugs”
<b>Specialization</b>	Pharmaceutical Chemistry
<b>University Attended</b>	Cairo University
<b>Year</b>	2008
<b>Most Recent Degree</b>	<b>Professor</b>
<b>Year</b>	2019
<b>Other certificates</b>	<ul style="list-style-type: none"> <li>- Diplôme De Langue Française (Alliance Française) (1990).</li> <li>- Certificat Pratique De Français Des Professions Scientifiques Et Techniques De La Chambre De Commerce Et D’industrie De Paris (1990).</li> </ul>

## Experience

### A. Teaching Experience

	<b>Course Title</b>	<b>Course Code</b>	<b>University</b>	<b>Academic years</b>
<b>Undergraduate Courses</b>	Teaching practical courses	4 <sup>th</sup> & 5 <sup>th</sup> years (Old System)	Cairo	1996-2007
	Supervising practical Course	802 & 803	Cairo	2008-2009
	Teaching and supervising practical course of Pharmaceutical Chemistry <b>II</b> for fourth year students * <b>Course coordinator 2020-2021</b> * <b>Course coordinator 2021-2022</b>	802	Cairo	2009-2010 2010-2011 2011-2012 2018-2019 2019-2020 2020-2021 2021-2022
	Teaching and supervising practical course of	PC 610 (Pharm D)	Cairo	Spring 2021-2022

	Pharmaceutical Chemistry <b>I</b> for Level 3 students * <b>Course coordinator Spring 2021-2022</b>			
	Teaching and supervising practical course of Pharmaceutical Chemistry <b>I</b> for fourth year students	801	Cairo	2012-2013 2013-2014 2014-2015
	Teaching and supervising practical course of Pharmaceutical Chemistry <b>III</b> for fifth year students	803	Cairo	2015-2016 2016-2017 2017-2018
	Teaching and supervising practical course of Medicinal Chemistry <b>I</b> for fourth year students, <i>Clinical Pharmacy Program</i> * <b>Course coordinator Fall 2019</b>	PC 509	Cairo University	Fall 2011 Fall 2012 Fall 2018 Fall 2019
	Teaching of Drug Design for fourth year students (Elective course) <i>Clinical Pharmacy Program</i> * <b>Course coordinator Spring 2020, Fall 2020</b>	PCE 11	Cairo University	Spring 2015 Spring 2016 Spring 2020 Fall 2020
	Teaching of Pharmaceutical Chemistry for fourth year students	PCS 451	Ahram Canadian University	2011-2012 2012-2013
<b>Postgraduate Courses</b>	Spectroscopic and Chromatographic Studies in Pharmaceutical Chemistry (I)	2802	Cairo	2009 till now
	Thin layer Chromatography	2809	Cairo	2009-2010

## B. Professional Experience

	Title	Location	Years
	Demonstrator of Pharmaceutical Chemistry	Cairo University	1995-2002

	Assistant lecturer of Pharmaceutical Chemistry	Cairo University	2002-2008
	Lecturer of Pharmaceutical Chemistry	Cairo University	2008-2014
	Part-time lecturer of Pharmaceutical Chemistry	Ahram Canadian University	2011-2012 2012-2013
	Associate Professor of Pharmaceutical Chemistry	Cairo University	2014-2019
	Professor of Pharmaceutical Chemistry	Cairo University	2019

### **PEER REVIEWER**

- 1- Reviewer for Bulletin of Cairo University: Journal of Advanced Research.
- 2- Reviewer for some International Journals such as:
  - International Journal of AOAC.
  - Luminescence The Journal of Biological and Chemical Luminescence.
  - Spectrochimica Analytica Acta.
  - Analytical Letters.
  - European Journal of Chemistry.
  - Analytical Chemistry Insights.
  - Talanta.
  - Journal of Analytical Science and Technology.
  - Acta chromatographica.
  - Journal of Taibah University for science.
  - Journal of liquid chromatography and related technologies.
  - Microchemical journal.
  - Journal of separation science.
  - Saudi pharmaceutical journal.
  - Biomedical Chromatography.
  - Journal of Analytical Science and Technology.
  - Chemical research and toxicology.
  - Spectrochimica Acta Part A
  - Journal of separation Science

### **PUBLICATIONS**

**One article was published from M. Sc. Thesis**

	Title	Journal Name	Year	Volume / Page
1	Determination of some antihypertensive agents as single component and in combination with hydrochlorothiazide.	Bulletin of Faculty of Pharmacy, Cairo University	2003	41(3) / p.27-46
<b>Three articles were published from Ph. D. Thesis</b>				
2	Simultaneous determination of indapamide and captopril in binary mixtures by derivative spectrophotometry and TLC densitometry.	Bulletin of Faculty of Pharmacy, Cairo University	2006	44(2) / p. 63-76
3	Spectroscopic and chromatographic determination of fluvastatin sodium in presence of its acid degradate.	International Journal of PharmTech Research	2010	2(1) / p. 875-898
4	Development and validation of a stability indicating HPLC method for the simultaneous determination of captopril and indapamide	Analytical Chemistry: An Indian Journal	2013	12(6) / p. 222-232
<b>Post doctoral Publications</b>				
5	Reversed-phase ion-pair HPLC and TLC-densitometric methods for the simultaneous determination of ciprofloxacin hydrochloride and metronidazole in tablets	Chromatographia  DOI:10.1007/s10337-010-1898-x	2011	73 / p. 297-305
6	Validated spectrophotometric methods for the simultaneous determination of ciprofloxacin hydrochloride and metronidazole in tablets	Chemical and Pharmaceutical Bulletin	2011	59(12) / p. 1485-1493
7	Development and validation of a UV spectrophotometric method for the simultaneous determination of ciprofloxacin hydrochloride and metronidazole in binary mixture	Journal of Chemical and Pharmaceutical Research	2012	4(11) / p. 4710-4715
8	A validated spectrofluorimetric method for the determination of nifuroxazide through coumarin formation using experimental design	Chemistry Central Journal DOI:10.1186/1752-153X-7-90	2013	7:90 / p. 1-12
9	Utility of experimental design in pre-column derivatization for the analysis of tobramycin by HPLC—	Analytical Chemistry Insights	2013	8 / p. 9–20

	fluorescence detection: Application to ophthalmic solution and human plasma	<b>DOI:</b> 10.4137/ACI.S11612		
10	Simultaneous determination of amlodipine besylate and atorvastatin calcium in binary mixture by spectrofluorimetry and HPLC coupled with fluorescence detection	Analytical Chemistry Insights <b>DOI:</b> 10.4137/ACI.S12921	2013	8 / p. 107–115
11	Validated derivative spectrophotometric and chromatographic methods for the determination of doxazosin mesylate in presence of its degradation product and/or related impurity	International Journal of Pharmaceutical Analysis (Recent Science Publications)	2013	38(2) / p. 1146-1155
12	Validated difference spectrophotometric and stability indicating HPLC estimation of linezolid in tablets	International Journal of Pharmaceutical Analysis (Recent Science Publications)	2013	38(2) / p. 1166-1173
13	Stability indicating spectrophotometric and TLC densitometric methods for the determination of gemifloxacin mesylate in tablet form	Analytical Chemistry: an Indian Journal	2013	12(5) / p. 165-176
14	Spectrophotometric determination of oxybutynin hydrochloride via charge - transfer complexation reaction	International Journal of Pharmaceutical and Chemical Sciences	2013	2(4) / p. 2024-2033
15	Spectrofluorimetric determination of gemifloxacin mesylate and linezolid in pharmaceutical formulation: Application of quinone-based fluorophores and enhanced native fluorescence	Acta Pharmaceutica <b>DOI:</b> 10.2478/acph-2014-0005	2014	64 / p. 15-28
16	Resolution of overlapped spectra for the determination of ternary mixture using different and modified spectrophotometric methods	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy <b>DOI:</b> 10.1016/j.saa.2016.04.003	2016	165 / p. 127 - 137
17	Experimental design approach in HPLC method development: Application for the simultaneous determination of sacubitril	Chromatographia <b>DOI:</b> 10.1007/s10337-017-3425-9	2018	81 / p.139-156

	and valsartan in presence of their impurities and investigation of degradation kinetics			
18	<i>In vitro</i> metabolism study of a novel P38 kinase inhibitor: <i>in silico</i> predictions, structure elucidation using MS/MS-I	Future Medicinal Chemistry <b>DOI:</b> 10.4155/fmc-2017-0126	2018	10(2) / p. 201–220
19	Determination of four anti-epileptic drugs in plasma using ultra-performance liquid chromatography with mass detection technique	Biomedical Chromatography <b>DOI:</b> 10.1002/bmc.4253	2018	32(8) / p. 1-9
20	A validated reversed-phase high-performance liquid chromatography method for simultaneous determination of five antiepileptic drugs used in the treatment of lennox-gastaut syndrome in their pharmaceutical dosage forms	Asian Journal of Pharmaceutical and Clinical Research <b>DOI:</b> 10.22159/ajpcr.2018.v11i5.24143	2018	11(5) / p. 167-173
21	Simultaneous HPLC determination of betamethasone esters-containing mixtures: Analysis of their topical preparations	Journal of Chromatographic Science <b>DOI:</b> 10.1093/chromsci/bmy047	2018	56(8) / p. 716 - 723
22	Smart spectrophotometric methods based on normalized spectra for simultaneous determination of alogliptin and metformin in their combined tablets	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy <b>DOI:</b> 10.1016/j.saa.2018.07.004	2018	204 / p. 743-747
23	Different resolution techniques for management of overlapped spectra: Application for the determination of novel co-formulated hypoglycemic drugs in their combined pharmaceutical dosage form	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy <b>DOI:</b> 10.1016/j.saa.2018.06.072	2018	205 / p. 235-242
24	Simultaneous ultraperformance liquid chromatography/tandem mass spectrometry determination of four antihypertensive drugs in human plasma using hydrophilic-lipophilic balanced reversed phase sorbents sample preparation protocol	Biomedical Chromatography <b>DOI:</b> 10.1002/bmc.4362	2018	32(12) / p. 1-10 (e4362)
25	A validated RP-HPLC method for the determination of rosuvastatin in presence of sacubitril/valsartan in rat	Microchemical Journal	2018	143 / p. 31-38

	plasma: Application to in vivo evaluation of OATP-mediated drug interaction potential between rosuvastatin and sacubitril/valsartan	<b>DOI:</b> 10.1016/j.microc.2018.07.021		
26	A validated LC-MS/MS method for simultaneous determination of linagliptin and metformin in spiked human plasma coupled with solid phase extraction: Application to a pharmacokinetic study in healthy volunteers	Journal of Pharmaceutical and Biomedical Analysis <b>DOI:</b> 10.1016/j.jpba.2018.09.052	2019	163 / p. 153-161
27	Validated chromatographic methods for simultaneous estimation of cinnarizine in binary mixture with domperidone and paracetamol in tablets	Current Pharmaceutical Analysis <b>DOI:</b> 10.2174/1573412914666180307154921	2019	15(5) / p. 429-438
28	Validated chromatographic methods for the simultaneous estimation of etamsylate and mefenamic acid in presence of their main impurities	Current Pharmaceutical Analysis <b>DOI:</b> 10.2174/1573412914666180423142911	2019	15(6) / p. 624-631
29	Experimental design methodology for optimization and robustness determination in ion pair RP-HPLC method development: Application for the simultaneous determination of metformin hydrochloride, alogliptin benzoate and repaglinide in tablets	Microchemical journal <b>DOI:</b> 10.1016/j.microc.2019.03.038	2019	147 / p. 691-706
30	A validated RP-HPLC method for the evaluation of the influence of grapefruit juice on liver S9 activation of sacubitril	Biomedical Chromatography <b>DOI:</b> 10.1002/bmc.4553	2019	33(8) / p. 1-8 (e4553)
31	Novel spectrophotometric methods for the determination of Leflunomide and Diacerein in binary mixtures	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy <b>DOI:</b> 10.1016/j.saa.2019.05.026	2019	220 / p. 117-121
32	Determination of rufinamide in the presence of 1-[(2,6-difluorophenyl)methyl]-1H-1,2,3-triazole-4-carboxylic acid using RP-HPLC and derivative ratio methods as stability indicating assays to be applied on its dosage form	Journal of AOAC INTERNATIONAL <b>DOI:</b> 10.1093/jaoacint/qsaa020	2020	103(5) / p. 1215-1222



33	Simultaneous determination of cefixime and erdosteine in combined dosage form using validated spectrophotometric methods	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy <b>DOI:</b> 10.1016/j.saa.2020.118647	2020	241 / p. 1386-1425
34	Validated LC–MS/MS method for the simultaneous determination of enalapril maleate, nitrendipine, hydrochlorothiazide, and their major metabolites in human plasma	Biomedical chromatography <b>DOI:</b> 10.1002/bmc.4955	2020	34(12) / p. 1-11 (e4955)
35	Simultaneous determination of enalapril maleate and nitrendipine intablets using spectrophotometric methods manipulating ratio spectra	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy <b>DOI:</b> 10.1016/j.saa.2020.118894	2021	244 / 118894
36	Development and bio-analytical validation of chromatographic determination method of rufinamide in presence of its metabolite in human plasma	Journal of chromatographic science <b>DOI:</b> 10.1093/chromsci/bmaa142	2021	bmaa142 / p. 1-7
37	Synchronized determination of the novel heart failure combination therapy containing sacubitril calcium and valsartan by a validated spectrofluorimetric method	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy <b>DOI:</b> 10.1016/j.saa.2021.119613	2021	253 / 119613
38	Smart spectrophotometric methods for the simultaneous determination of newly co-formulated hypoglycemic drugs in binary mixtures	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy <b>DOI:</b> 10.1016/j.saa.2021.119763	2021	257 / 119763
39	Synchronized determination of sacubitril and valsartan with some co-administered drugs in human plasma via UPLC-MS/MS method using solid phase extraction	Biomedical chromatography <b>DOI:</b> 10.1002/bmc.5203	2021	35(10) / p. 1-17 (e5203)

40	Application of experimental design in HPLC method optimization and robustness for the simultaneous determination of canagliflozin, empagliflozin, linagliptin, and metformin in tablet	Biomedical chromatography <b>DOI:</b> 10.1002/bmc.5155	2021	35(10) / p. 1-17 (e5155)
<b>CONFERENCES</b>				
	<b>Title</b>	<b>Name of Conference</b>	<b>Year</b>	
1	The 2 <sup>nd</sup> Scientific Conference of Faculty of Pharmacy, Cairo University	“Quality Assurance in Pharmacy Education”	April 26 <sup>th</sup> , 2010	
2	The 32 <sup>nd</sup> Conference of Pharmaceutical Sciences, The Egyptian Pharmaceutical Society. The accepted research was presented as poster and was entitled: <b>“Stability indicating spectrophotometric and TLC densitometric methods for the determination of gemifloxacin mesylate in tablet form”</b> . By Bahia Abbas Moussa, <u>Marianne Alphonse Mahrouse</u> , Mahmoud Ali Hassan, Michael Gamal Fawzy.		December, 20 <sup>th</sup> - 22 <sup>th</sup> , 2011	
3	The FUE (Future University in Egypt) International conference on Pharmaceutical Technologies. The accepted research was presented as poster and was entitled: <b>“A validated spectrofluorimetric method for the determination of nifuroxazide through coumarin formation using experimental design”</b> . By Asmaa Ahmed El-Zaher and <u>Marianne Alphonse Mahrouse</u>		February, 6 <sup>th</sup> – 9 <sup>th</sup> , 2012	
4	The 3 <sup>rd</sup> International Scientific Conference of Faculty of Pharmacy, Cairo University.	“Good Pharmacy Practice”	April, 25 <sup>th</sup> - 26 <sup>th</sup> , 2012	
5	The GUC (German University in Cairo) conference of Faculty of Pharmacy and Biotechnology. The accepted research was presented as poster and was entitled: <b>“Utility of experimental design in pre-column derivatization for the analysis of tobramycin by HPLC—fluorescence detection: Application to ophthalmic solution and human plasma”</b> . By Asmaa A. El-Zaher and <u>Marianne A. Mahrouse</u>	“Pharmaceutical and Biotechnological Therapies”	September 28 <sup>th</sup> – October 1 <sup>st</sup> , 2012	

6	<p>The 4<sup>th</sup> International Scientific Conference of Faculty of Pharmacy, Cairo University. The accepted research was presented as poster and was entitled: <b>“Simultaneous determination of amlodipine besylate and atorvastatin calcium in binary mixture by spectrofluorimetry and HPLC coupled with fluorescence detection”</b>.</p> <p>By Bahia A. Moussa, Asmaa A. El-Zaher, <u>Marianne A. Mahrouse</u> and Maha S. Ahmed</p>	“Pharmacy Education & Community Expectations”	April 24 <sup>th</sup> - 25 <sup>th</sup> , 2013
7	<p>3<sup>rd</sup> FUE international conference of pharmaceutical sciences. The accepted research was presented as poster and was entitled: <b>“Utility of HPLC and double divisor derivative ratio spectrophotometry in simultaneous determination of clidinium bromide, chlordiazepoxide and pantoprazole sodium in capsule form”</b>.</p> <p>By Ramzia Ismail El Bagary, <u>Marianne Alphonse Mahrouse</u>, Amal Bochra, Ahmad Abu El Yazeed</p>	“Drug development and drug discovery”	February 9 <sup>th</sup> - 11 <sup>th</sup> , 2015
8	<p>The 6<sup>th</sup> International Scientific Conference of Faculty of Pharmacy, Cairo University. The accepted research was presented as poster and was entitled: <b>“Spectrophotometric methods for the simultaneous determination of some non-steroidal anti-inflammatory drugs in their binary mixtures”</b>.</p> <p>By Asmaa A. El-Zaher, <u>Marianne A. Mahrouse</u>, Marwa A. Fouad and Rajaa T. Al-Darwich</p>	“2020 Vision of Pharmacy in Egypt”	April 25 <sup>th</sup> - 26 <sup>th</sup> , 2015
9	<p>The 7<sup>th</sup> International Scientific Conference of Faculty of Pharmacy, Cairo University. The accepted research was presented as poster and was entitled: <b>“Validated chromatographic methods for the determination of some drugs related to <math>\beta</math>-phenylethylamine structure”</b></p> <p>By Sonia T. Hassib, <u>Marianne A. Mahrouse</u>, Maha M. El-Hakim, Rasha S. Ibrahim</p>	“Translational Research in Pharmacy: From Bench to Market”	April 16 <sup>th</sup> - 17 <sup>th</sup> , 2016
10	<p>The 8<sup>th</sup> International Scientific Conference of Faculty of Pharmacy, Cairo University. The accepted research was presented as poster and was entitled: <b>“Rapid analysis of rufinamide in presence of its metabolite: chromatographic determination in human plasma and bio-analytical method validation”</b></p> <p>By Sonia T. Hassib, Hanaa M. A. Hashem, <u>Marianne A. Mahrouse</u>, Eman A. Mostafa</p>	"Pharmacy in Egypt: Ensuring access to health"	April 22 <sup>nd</sup> 2017

11	<p>The 9<sup>th</sup> International Scientific Conference of Faculty of Pharmacy, Cairo University. The accepted research was presented as poster and was entitled:  <b>“Application of spectrophotometric resolution techniques for the determination of novel co-formulated hypoglycemic drugs in their combined pharmaceutical dosage form”</b>  By Bahia A. Moussa, <u>Marianne A. Mahrouse</u>, Michael G. Fawzi</p>	<p>"Towards globally Recognized Egyptian Pharmaceutical Ingredients-A National Priority"</p>	<p>April  25<sup>th</sup> – 26<sup>th</sup>  2018</p>
12	<p>The 1<sup>st</sup> International Conference of Pharmaceutical Sciences (ICPS) of College of Pharmaceutical Sciences and Drug Manufacturing, Misr University for Science and Technology. The accepted research was presented as poster and was entitled:  <b>“A validated LC-MS/MS method for simultaneous determination of linagliptin and metformin in spiked human plasma coupled with solid phase extraction: Application to a pharmacokinetic study in healthy volunteers”</b>  By Bahia A. Moussa, <u>Marianne A. Mahrouse</u>, Michael G. Fawzi</p>	<p>"Future trends and innovations in pharmacy"</p>	<p>October  27<sup>th</sup> – 28<sup>th</sup>  2018</p>
13	<p>The 2<sup>nd</sup> International Conference of Faculty of Pharmacy, Ain Shams University. The accepted research was presented as poster and was entitled:  <b>“A validated RP-HPLC method for the determination of rosuvastatin in presence of sacubitril/valsartan in rat plasma: Application to in vivo evaluation of OATP-mediated drug interaction potential between rosuvastatin and sacubitril/valsartan”</b>  By Bahia A. Moussa, Hanaa M. A. Hashem, <u>Marianne A. Mahrouse</u>, Sally T. Mahmoud</p>	<p>"Future trends in the development of pharmaceutical education and research"</p>	<p>November  13<sup>th</sup> – 15<sup>th</sup>  2018</p>
14	<p>The Online International Conference of Faculty of Pharmacy, MSA University.</p>	<p>“Pharmacists in frontlines: New Challenges and Innovative Solutions”</p>	<p>December  12<sup>th</sup> – 13<sup>th</sup>  2020</p>
15	<p>The 10<sup>th</sup> International Scientific Conference of Faculty of Pharmacy, Cairo University.</p>	<p>"Reshaping Pharma Sustainability and Innovation for better Pandemic Response"</p>	<p>July  7<sup>th</sup> – 8<sup>th</sup>  2021</p>

<b>16</b>	The 1 <sup>st</sup> International Conference of the Faculty of Pharmacy, Delta University for Science and Technology.	“Innovative Research in Pharmacy and Bioscience”	November 20 <sup>th</sup> – 21 <sup>th</sup> 2021
-----------	---	--	---

### **SUPERVISION OF THESES**

- 1- Supervision of 4 Master theses and 1 PhD theses from Faculty of Pharmacy Cairo University.
- 2- A number of 8 Master theses and 4 PhD theses were supervised and granted from Faculty of Pharmacy Cairo University.
- 3- A member of evaluation committee of 3 Master theses and 4 PhD theses from Faculty of Pharmacy Cairo University.
- 4- An internal examiner for 2 Master thesis (11/9/2017, 10/2019) and 1 PhD thesis from Faculty of Pharmacy Cairo University (22/10/2018).
- 5- An external examiner for 1 Master thesis from Faculty of Pharmacy Mansoura University (9/2014) and 1 PhD thesis from Faculty of Pharmacy and Biotechnology German University in Cairo (27/2/2019).

### **AWARDS AND CERTIFICATES OF APPRECIATION**

Name	Year
1- Faculty of Pharmacy, Cairo University Award for “Best Ph. D. Thesis” in Pharmaceutical Chemistry Department.	2008–2009
2- Cairo University Award For International Publication.	2011
3- Cairo University Award For International Publication.	2012
4- Certificate from Faculty of Pharmacy, Cairo University “The 3 <sup>rd</sup> excellence week” for the great effort for improvement of the faculty performance.	2011-2012
5- Cairo University Award For International Publication.	2013
6- Cairo University Award For International Publication.	2014
7- Cairo University Award For International Publication.	2016
8- Certificate of appreciation from committee of Dr. Makram Mahany award for scientific creativity in The Coptic Orthodox Cultural Center for the contribution with scientific researches in the competition of Dr. Makram Mahany award for scientific creativity in the field of life sciences.	2019
9- Cairo University Award For International Publication.	2019
10- Certificate of appreciation from committee of Dr. Makram Mahany award for scientific creativity in The Coptic Orthodox Cultural Center for the	2020

<p>contribution with scientific researches in the competition of Dr. Makram Mahany award for scientific creativity in the field of life sciences.</p> <p>11- Cairo University Award For International Publication.</p> <p>12- Cairo University Award For International Publication.</p>	<p>2020</p> <p>2021</p>
<b>MEMBERSHIPS</b>	
Name	Year
1- Member of central laboratory committee.	2008-2009
2- Member of elections committee of students union.	2009-2010
3- Participation in “Journal Club” of Pharmaceutical Chemistry Department through a lecture entitled “Green Chromatography”.	25/10/2010
4- Coordinator of the Performance Appraisal and Quality Assurance Unit (PAQU) in the department of Pharmaceutical Chemistry for:	
a) Pharmaceutical Chemistry II (course <b>802</b> ), Faculty of Pharmacy, Cairo University.	2008-2012
b) Medicinal Chemistry I, Clinical Pharmacy Program ( <b>PC 509</b> ), Faculty of Pharmacy, Cairo University.	2011-2013
c) Spectroscopic and Chromatographic Studies in Pharmaceutical Chemistry (I), Postgraduate program, ( <b>2802</b> ), Faculty of Pharmacy Cairo University.	2015 till now
d) Drug Design (Elective course), Clinical Pharmacy Program ( <b>PCE11</b> ).	Spring 2015 Spring 2016
5- Member of chemicals inspection committee in Pharmaceutical Chemistry Department.	2012-2013
6- Member of technical office committee for construction of timetables.	2009 - 2019
7- Member of Bulletin of Faculty of Pharmacy Cairo University committee	2009 till now
8- Member of Faculty website update committee.	2009-2015
9- Associate editor in Bulletin of Faculty of Pharmacy Cairo University.	2009 till now
10- Member of internal committee in pharmaceutical chemistry department for coordination of teaching and examination roles for Clinical Pharmacy Program.	2014 till now
11- Member of Egyptian Pharmaceutical Society.	2018 till now
12- Member of organizing committee of Pharmaceutical Chemistry Department Conference, Faculty of Pharmacy Cairo University.	2019

13- Member of organizing scientific committee of Faculty of Pharmacy Cairo University Conference in April 2020.	2019
14- Member of Master's and diploma's applicants check up committee of Pharmaceutical Chemistry Department Conference, Faculty of Pharmacy Cairo University. لجنة فحص الطلاب المتقدمين للماجستير والدبلومات.	2021 2022
15- نائب رئيس مجلس قسم الكيمياء الصيدلانية 2021	2021-2022 2022-2023

## WORKSHOPS & TRAINING COURSES

Workshops & Training Courses Names	Year
1- National TOEFL (AMIDEAST / EGYPT), at (Centre for Foreign Languages and Specialized Translation, Faculty of Arts, Cairo University).	2004
2- Training course on "University Teacher Preparation" (No. 99), at Cairo University (Institute of Educational Studies and Research).	2006
3- A symposium under the supervision of [Performance Appraisal and Quality Assurance Unit "PAQU", Cairo University] on: <b>"The concept of e-learning and preparing educational material for electronic curriculum"</b> .	30/12/2008
4- A workshop under the supervision of [Continuous Improvement and Qualifying for Accreditation Project "CIQAP", Cairo University] on: <b>"Computer Aided Drug Design Using Molecular Modeling Programs"</b> .	1-2/7/2009
5- A three-day workshop under the supervision of [Faculty of Pharmacy, Misr International University] on: <b>"How to make HPLC your first choice as a simplest technique for drug monitoring in biological fluids"</b> .	6/2014
6- A three-day workshop under the supervision of [Faculty of Pharmacy, Misr International University] on: <b>"Structure-Based, Ligand-Based Drug Design"</b> .	9/2014
7- A module of the further domain "Academic skills" under the supervision of "DAAD Kairo Akademie" entitled: <b>"Designing Scientific Posters"</b> .	3/2015
8- A workshop under supervision of Digital Library Unit in central library Cairo University on:	5/2015



<b>"Chempider: one of the most important international chemical database".</b>	
9- A workshop under supervision of CARAS (Center of Applied Research and Advanced Studies, Faculty of Pharmacy, Cairo University) on: <b>"Solid Phase extraction as a Tool for sample Preparation".</b>	4/2016
10- Elsevier workshop on EKB contents in New Central Library Cairo University under theme of: <b>"Towards a society that thinks, learns and innovates".</b>	5/2016
11- A workshop under the supervision of Electronic Learning Center Cairo University in Electronic and Knowledge Services Center Cairo University on: " <b>Production of e-course, browsing of some e-courses and how to fill contract forms</b> ".	11/2016
12- A workshop under supervision of Biotechnology Center, Faculty of Pharmacy, Cairo University on: <b>"Computer – Aided Drug Design I: Ligand – Based Drug Design".</b>	7/2017
13- A workshop under supervision of Nature Research Academies in cooperation with the Egyptian Knowledge Bank on: <b>"Developing a successful Journal".</b>	4/2018
14- An orientation seminar on: <b>"Shifting powerpoint presentations to interactive e-learning presentations via IT-Pharma".</b>	9/2018
15- A workshop under supervision of Elsevier Researcher Academy on: <b>"SciVal: A tool for evidence-based research planning".</b>	10/2018
16- A webinar under supervision of IT Pharma, Cairo University on: <b>"Windows 10 Useful features".</b>	7/2020
17- A webinar under supervision of Stat-Ease webinar center on: <b>"Keys to Analyzing a Response Surface Design".</b>	2/2021
18- A webinar under supervision of Stat-Ease webinar center on: <b>"New-User Intro to Design-Expert® Software"</b>	2/2021
19- <b>Workshops under supervision of Performance Appraisal and Quality Assurance Unit, Faculty of Pharmacy, Cairo University on:</b>	



1- Metrics for Evaluation of Academic Performance.	2/2017
2- Creating Online and Interactive Quizzes.	2/2017
3- Endnote Citation Manager Software.	3/2017
4- Mendely Citation Manager Software.	3/2017
5- Computers in Chemistry.	3/2017
6- The Do's and Dont's in Publishing & An Overview on BFOPCU.	3/2017
7- Bioanalysis and Validation of Bioanalytical Methods.	4/2017
8- In Vitro Enzyme Inhibition Assays: Guidelines and Practical Tips.	4/2017
9- Tips on promotion of Staffmembers in Egyptian Universities.	10/2017
10- Protection of intellectual property in pharmaceutical products.	11/2017
11- Experimental Design in Chromatography.	2/2018
12- Analysis of NMR spectra using Mestrenova software.	3/2018
13- Helping student to learn.	10/2018
14- Is This a Valid Reliable Exam A Short Guide to Writing Effective Exam Questions.	11/2019
15- Fundamentals of Photoshop: Towards designing a "Graphical Abstract".	12/2019
16- "H index, Impact Factor and Citation".	12/2020
17- "Advanced tips in Microsoft word: Making article and thesis writing easier".	12/2020
18- "Introduction to Graphpad Prism".	12/2020
19- براءة الاختراع في المجال الصيدلي (Online)	2/2021
20- نظام الإرشاد الأكاديمي و الساعات المعتمدة بالكلية (Online)	2/2021
21- التميز الحكومي	7/2022
<b>20- Training Courses of Faculty and Leadership Development Center (FLDC), Cairo University:</b>	
1. Use of Technology in Education.	2007
2. Effective Presentation Skills.	2007
3. Methods of Scientific Research.	2007
4. Thinking Skills.	2007
5. Legal and Financial Aspects.	2008
6. Scientific Publishing.	2009
7. Effective Communication Skills.	2009
8. Systems of Examinations and Student Assessment.	2010
9. Research Ethics.	2011
10. The Credit Hour Systems.	2012
11. University Code of Ethics.	2013
12. Conference Organization.	2013
13. Strategic planning.	2014
14. Stress Management.	2017
15. Effective Teaching Skills.	2017
16. Statistical Analysis of Bio-Experiments.	2018
17. Total quality management in health care.	2018
18. Team Work	2019

*Signature*

Marianne Alphonse Mahrouse