



Maya Shaaban Eissa Hussein, PhD  
 Associate Professor  
 Department of Pharmaceutical Chemistry  
 Faculty of Pharmacy, Egyptian Russian University  
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### 1. Personal Information

**First Name / Sure Name:** Maya Shaaban Eissa Hussein

**Date of Birth:** 19/09/1984

**Nationality:** Egyptian

**E-mail:** [maya-shaaban@eru.edu.eg](mailto:maya-shaaban@eru.edu.eg)

**Gender:** Female

### 2. Education

Title of Awarded Degree	Name of Organization Providing Education	Principle Subject	Dates	
			From	To
PhD	Faculty of Pharmacy Cairo university	Analytical Chemistry	Sept, 2011	Feb, 2014
<b>Thesis Title:</b> <i>Analytical Study on Some Selected Carboxylic Acid Derivatives</i>				
MSc	Faculty of Pharmacy Ain Shams university	Analytical Chemistry	Sept, 2007	Mar, 2011
<b>Thesis Title:</b> <i>Analytical Study on Some Drugs Used for Treatment of Type 2 Diabetes Mellitus</i>				
BSc Excellent with the Honors Degree	Faculty of Pharmacy Ain Shams university	Pharmaceutical Sciences	Sept, 2001	June, 2006

### 3. Discipline

General Discipline	Pharmacy	Principle Subject	Pharmaceutical Analytical Chemistry

#### 4. Professional Experience

Occupation	Name & Address of Employer	Main Activities & Responsibilities	Dates	
			From	To
Associate Professor – Department of Pharmaceutical Analytical Chemistry	Faculty of Pharmacy - Egyptian Russian University	Course coordinator for analytical chemistry courses	Mar, 2019	Up till now
Lecturer – Department of Pharmaceutical Analytical Chemistry	Faculty of Pharmacy - Egyptian Russian University	Course coordinator for analytical chemistry courses	Feb, 2014	Feb, 2019
Assistant Lecturer - Department of Pharmaceutical Analytical Chemistry	Faculty of Pharmacy - Egyptian Russian University	Preparing &teaching practical courses	Mar, 2011	Jan, 2014
Teaching assistant - Department of Analytical Chemistry	Faculty of Pharmacy - Egyptian Russian University	Preparing & teaching practical courses	Sept, 2006	Feb, 2011

#### 5. Teaching Experience

Course Title	Faculty/University
General and Inorganic Chemistry	Faculty of Pharmacy/Egyptian Russian University
Analytical Chemistry 1	
Analytical Chemistry 2	
Instrumental Analysis	
Applied Analytical Chemistry	
Drug Analysis and Quality Control	
Chemistry (Basic Science)	Faculty of Engineering/Egyptian Russian University

#### 6. Professional & Technical Skills

- Drug analysis and quality control.
- Chemo metric Analysis
- Spectrophotometric Analysis
- Chromatographic Analysis e.g.: TLC, Densitometry, HPLC
- Analytical method validation.
- Set up a teaching program for undergraduate students about manipulating data results and statistical analysis using Microsoft Office Excel program.
- Member in the **faculty council** at Faculty of Pharmacy – Egyptian Russian University
- Member in **quality assurance unit** and team leader of teaching, learning and supporting facilities standard in Faculty of Pharmacy – Egyptian Russian University

**7. Personal Skills**

Computer Skills	Self-Assessment		
	Excellent	Good	Fair
ICDL holder	√		
Visual basic software programming		√	
Language Skills	Self-Assessment		
	Excellent	Good	Fair
Arabic - Native speaker	√		
English (TOEFL holder)	√		
French		√	
Other Skills			
<ul style="list-style-type: none"> <li>• Self-motivated, energetic, ambitious, Presentable, Self-confidence, Pro-active, Learning ability and committed to teamwork &amp; leadership</li> <li>• Managerial &amp; Leadership Skills</li> <li>• Time Management</li> <li>• Presentation &amp; Communication</li> <li>• Problem solving</li> <li>• Ability for training the fresh graduates</li> </ul>			

**8. Scientific Activities**

**a. Publications:**

- Application of quality by design approach for HPTLC simultaneous determination of amlodipine and celecoxib in presence of process-related impurity  
**Khaled Attala, Maya S. Eissa, Magda M. El-Henawee, Soad S. Abd El-Hay. Microchemical Journal 162 (2021) 105857**
- Smart UV spectrophotometric methods based on simple mathematical filtration and classical methods for the simultaneous determination of tamsulosin and solifenacin: A comparative study of efficacy and spectral resolution  
**Magda M. El-Henawee, Soad S. Abd El-Hay, Khaled Attala, Maya S. Eissa. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 247 (2021) 119151**
- In vitro analytical dissolution profiling of antiemetic delayed release tablets in two different dissolution media: Validated spectrophotometric methods versus reported HPLC  
**Basma M. Eltanany, Heidi R. Abd El-Hadi, Hala E. Zaazaa, Maya S. Eissa. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 246 (2020) 119013**
- Smart TLC–densitometric methods for determination of ophthalmic ternary mixture containing chloramphenicol in the presence of its synthetic precursor: Comparative eco-scaling for greenness assessment  
**Maya S. Eissa, Heidi R. Abd El-Hadi, Hala E. Zaazaa, Basma M. Eltanany. JPC–Journal of Planar Chromatography–Modern TLC (2020): 1-9.**

5. Synchronous Spectrofluorimetry Coupled with Third-Order Derivative Signal Processing for the Simultaneous Quantitation of Telmisartan and Chlorthalidone Drug Combination in Human Plasma  
**Ahmed Elsonbaty, Mohamed A. Hasan, Maya S. Eissa, Wafaa S. Hassan, Sara Abdulwahab. *Journal of Fluorescence* (2020): 1-10**
6. Molecular docking of different ionophores host-guest inclusion complexes for electrochemical determination of solifenacin succinate in pure and pharmaceutical dosage form: Computer aided design  
**Maya S. Eissa, Ahmed M. Abdel-Raouf, Khaled Attala, Magda M. El-Henawee, Soad S. Abd El-Hay. *Microchemical Journal* 159 (2020) 105363**
7. Simultaneous determination of citalopram and tadalafil by the second derivative synchronous fluorescence method in biological fluids; application of Box–Behnken optimization design  
**Ahmed M. Abdel-Raouf, Mohamed A. Hasan, Ahmed W. Madkour, Ashraf Abdel-Fattah, Maya S. Eissa. *Luminescence* 2020; 1-9**
8. An enhanced first derivative synchronous spectrofluorimetric method for determination of the newly co-formulated drugs, amlodipine and celecoxib in pharmaceutical preparation and human plasma  
**Khaled Attala, Maya S. Eissa, Mohamed A. Hasan, Magda M. El-Henawee, Soad S. Abd El-Hay. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 240 (2020) 118533**
9. Analysis of quinary therapy targeting multiple cardiovascular diseases using UV spectrophotometry and chemometric tools  
**Ahmed Elsonbaty, Ahmed Serag, Sara Abdulwahab, Wafaa S. Hassan , Maya S. Eissa. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 238 (2020) 118415**
10. Separation-free spectrophotometric platforms for rapid assessment of combined antiplatelet therapy in complex matrices  
**Ahmed Elsonbaty, Maya S Eissa, Wafaa S Hassan, Sara Abdulwahab. *Bioanalysis* 12: 5 (2020) 335-348**
11. Chromatographic Separation of the Novel Hypoglycemic Drug Mitiglinide in its Bulk Powder and Pharmaceutical Formulation: Forced Degradation and Validated Stability-Indicating HPTLC/Densitometry and HPLC/UV Methods  
**Maya S. Eissa, Eman Darweish, Mohammed R. Elghobashy, Mostafa A. Shehata. *AOAC* 2020, 1-7**
12. Simultaneous chromatographic analysis of Sofosbuvir/Ledipasvir in their combined dosage form: an application to green analytical chemistry  
**Ahmed Hemdan and Maya S. Eissa. *Journal of Analytical Science and Technology* 10:39 (2019) 1-12**
13. Development of a robust UPLC method for simultaneous determination of a novel combination of Sofosbuvir and Daclatasvir in human plasma: Clinical application to therapeutic drug monitoring  
**Naser F. Al-Tannak, Ahmed Hemdan, Maya S. Eissa. *International Journal of Analytical Chemistry* vol. 2018, Article ID 6535816, (2018), 9 pages,**
14. Rapid selective TLC-densitometry method for simultaneous determination of amoxicillin and flucloxacillin in their pure forms or in their pharmaceutical preparation  
**Maya S. Eissa, Eman Darweish, Mohammed R. Elghobashy & Mostafa A. Shehata. *Analytical Chemistry Letters* 8:2 (2018) 188-194**
15. Innovative spectrophotometric methods for simultaneous estimation of the novel two-drug combination: Sacubitril/Valsartan through two manipulation approaches and a comparative statistical study  
**Maya S. Eissa, Amal M. Abou Al Alamein. *Spectrochimica Acta Part A: Molecular and***

**Biomolecular Spectroscopy 193 (2018) 365–374**

16. Analytical Application of Different Spectrophotometric Methods for Simultaneous Determination of Norfloxacin and Tinidazole in their Pure Forms and their Pharmaceutical Preparation  
**Maya S. Eissa, Eman Darweish, Mohammed R. Elghobashy & Mostafa A. Shehata. Der Pharma Chemica 10 (2018) 79-86**
17. Simultaneous determination of the brand new two-drug combination for the treatment of hepatitis C: Sofosbuvir/ledipasvir using smart spectrophotometric methods manipulating ratio spectra  
**Maya S. Eissa. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 183 (2017) 362–370**
18. Validated TLC-Densitometry Method for Simultaneous Determination of Brinzolamide and Timolol in Their Ophthalmic Preparation  
**Maya S. Eissa, Israa M. Nour, Mohammed R. Elghobashy & Mostafa A. Shehata. Analytical Chemistry Letters 7:6 (2017) 805-812**
19. UV Spectrophotometric methods for the simultaneous determination of amoxicillin and flucloxacillin  
**Maya S. Eissa, Eman Darweish, Mohammed R. Elghobashy & Mostafa A. Shehata. Al-Azhar Journal of Pharmaceutical Sciences 54 (2016) 176-189**
20. Validated spectrophotometric methods for simultaneous determination of brinzolamide and timolol maleate in their pure form and ophthalmic preparation  
**Maya S. Eissa, Israa M. Nour, Mohammed R. Elghobashy & Mostafa A. Shehata. Al-Azhar Journal of Pharmaceutical Sciences 54 (2016) 190-204**
21. Identification and Structure Elucidation of Forced Degradation Products of the Novel Propionic acid Derivative Loxoprofen: Development of Stability-Indicating Chromatographic Methods Validated as per ICH Guidelines.  
**Maya S. Eissa and Osama I. Abd El-Sattar. Journal of Chromatographic Science, 55 (2016) 417-428**
22. Simple protein precipitation extraction technique followed by validated chromatographic method for linezolid analysis in real human plasma samples to study its pharmacokinetics.  
Samah A. Mohammed, **Maya S. Eissa**, Hytham M. Ahmed. **Journal of Chromatography B, 1043 (2017) 235–240**
23. Validated liquid chromatographic determination of a novel ACE inhibitor in the presence of its hydrolytic and oxidative degradation products as per ICH guidelines  
Maha Abd El-Monem Hegazy, **Maya S. Eissa**, Osama Ibrahim Abd El-Sattar, Mohammed Mohammed Abd El-Kawy. **Talanta, 119 (2014) 170-177**
24. Smart Methods for Linezolid Determination in the Presence of Alkaline and Oxidative Degradation Products Utilizing Their Overlapped Spectral Bands  
Maha Abd El-Monem Hegazy, **Maya S. Eissa**, Osama Ibrahim Abd El-Sattar, Mohammed Mohammed Abd El-Kawy. **Journal of Applied Spectroscopy 81 (2014) 702-710**
25. Two- and Three-Way Spectrophotometric-assisted Multivariate Determination of Linezolid in Presence of Both its Alkaline and Oxidative Degradation Products and Application to Its Pharmaceutical Preparation.  
Maha Abd El-Monem Hegazy, **Maya S. Eissa**, Osama Ibrahim Abd El-Sattar, Mohammed Mohammed Abd El-Kawy. **Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 128 (2014) 231-242**
26. Determination of a novel ACE inhibitor in Presence of alkaline and oxidative degradation products using smart spectrophotometric and chemometric methods.

MahaAbd El-Monem Hegazy, **Maya S. Eissa**, Osama Ibrahim Abd El-Sattar, Mohammed Mohammed Abd El-Kawy. **Journal of Pharmaceutical Analysis 4 (2014) 132-143**

27. Determination of the New Oxazolidinone Antibiotic Linezolid in Presence of Both its Alkaline and Oxidative Degradation Products Using Validated Stability-Indicating Chromatographic Methods as Per ICH Guidelines.

Mohammed M. Abd El-Kawy, Osama I. Abd El-Sattar, Maha A. Hegazy, **Maya S. Eissa**. **Journal of American Science 9 (2013) 155-165**

28. Validated Spectrophotometric Methods for Determination of Some Oral Hypoglycemic Drugs.  
Maha Farouk, Osama Abd El-Sattar, Omar Abdel-Aziz, **Maya S. Eissa**. **Journal of Drug Discoveries & Therapeutics 5 (2011) 41-52**
29. Stability Indicating RP-HPLC Method for Determination of Some Oral-Hypoglycemic Used Drugs.  
Maha Farouk, Osama Abd El-Sattar, Omar Abdel-Aziz, **Maya S. Eissa**. **Journal of Drug Invention Today 2 (2010) 443-453**

**b. Editorial Board member in Universal Journal of Pharmaceutical Research** ISSN (e): 2456-8058

**c. Scientific Reviewer** for AOAC Journal, Spectrochimica Acta Part B, Analytical Chemistry Letters, Biomedical Chromatography and TALANTA

**d. Conferences**

Conferences	Professional Conference Organizer	Presenter	Attendee	Organizer
Global Forum for Higher Education and Scientific Research, April 2019	Faculty of Pharmacy, Egyptian Russian University		√	
5 <sup>th</sup> FUE International Conference of Pharmaceutical Sciences, January 2019	Faculty of Pharmaceutical Sciences and Pharmaceutical Industries, Future University in Egypt		√	
The International Scientific Conference of the Faculty of Pharmacy, Egyptian Russian University, April 2018	Faculty of Pharmacy, Egyptian Russian University			√
Fifth International Conference of Pharmaceutical Sciences and Drug Industries, September 2017	Al-Azhar University	√		
Fourth International Conference on Quality Assurance of Education: Bridging Gaps and Building Trust, April 2017	National Authority for Quality Assurance and Accreditation of Education		√	
First Annual Arab International Pharmacy Conference AIPC, March 2017	Arab Association of Pharmacy Progress	√		
Student Conference on	Ain Shams University		√	

Pharmaceutical Sciences March, 2006				
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## 9. Trainings & Workshops

### a. Trainings:

Title of Training	Name of Organization Providing Training	Date
Exam Systems and Assessment Methods	National Authority for Quality Assurance and Accreditation of Education	Oct, 2018
Teaching Strategies and Effective Learning	National Authority for Quality Assurance and Accreditation of Education	Sept, 2018
External Review for H.E. Institutes	National Authority for Quality Assurance and Accreditation of Education	August, 2017
Strategic Planning for H.E. Institutes	National Authority for Quality Assurance and Accreditation of Education	July, 2017
Education Programs and Courses Specifications and Evaluation of Learning Outcomes for H.E. Institutes	National Authority for Quality Assurance and Accreditation of Education	July, 2017
Self Evaluation for H.E. Faculties and Institutes	National Authority for Quality Assurance and Accreditation of Education	July, 2017

### b. Workshops:

Title of Workshop	Name of Organization Providing Workshop	Date
E-Learning	Quality Assurance Unit – Faculty of Pharmacy – Egyptian Russian University	April, 2019
Cell Press Journals Awareness	Quality Assurance Unit – Faculty of Pharmacy – Egyptian Russian University	July, 2018
Writing a Scientific Research paper	Quality Assurance Unit – Faculty of Pharmacy – Egyptian Russian University	July, 2018
Effectiveness of the University Role in the Service of Society and the Development of the Environment	Quality Assurance Unit – Faculty of Pharmacy – Egyptian Russian University	July, 2018
Ethics of Scientific Research	Quality Assurance Unit – Faculty of Pharmacy – Egyptian Russian University	July, 2018
The Basics of Scientific Publishing	Quality Assurance Unit – Faculty of Pharmacy – Egyptian Russian University	April, 2018
Analytical Biotechnology Workshop	Center of Applied Research and Advanced Studies - Faculty of pharmacy/Cairo University	Feb, 2018
Academic Advising between Reality and Hope	Quality Assurance Unit – Faculty of Pharmacy – Egyptian Russian University	Feb, 2018

Publishing of Quality Culture and Documentation Mechanisms	Quality Assurance Unit – Faculty of Pharmacy – Egyptian Russian University	October, 2017
Solid Phase Extraction Workshop	Center of Applied Research and Advanced Studies - Faculty of pharmacy/Cairo University	May, 2017
National Academic Reference Standards for Pharmacy Education – 2 <sup>nd</sup> Edition – April 2017	National Authority for Quality Assurance and Accreditation of Education	April, 2017
National Academic Reference Standards Awareness	Quality Assurance Unit – Faculty of Pharmacy – Egyptian Russian University	October, 2016
Strategic Planning	Quality Assurance Unit – Faculty of Pharmacy – Egyptian Russian University	September, 2016
Teaching and Learning Strategies	Quality Assurance Unit – Faculty of Pharmacy – Egyptian Russian University	January, 2016
Training Program in Production Department	Novartis Pharma S.A.E.	July, 2005
Training Program in Quality Control Department	Aventis Pharma	August, 2004
Learning and Application of Communication Skills and Marketing	Ain Shams Scientific Pharmaceutical Students Association	July, 2004
Training Program in Sales and Marketing Department	Aventis Pharma	July, 2003

### 10. Social Activities

Leader of Fekra Organization – Faculty of pharmacy – Egyptian Russian University

### 11. Membership of Professional Associations

- Member of General Syndicate of Pharmacists
- Member of Egyptian Society for Analytical Chemistry
- Member of Egyptian Pharmaceutical Society

### 12. Awards

Awarded the "**BEST POSTER PRIZE**" during the Fifth International Conference of Pharmaceutical Sciences and Drug Industries held by Al-Azhar University in Hurghada September/2017

*I certify that the information provided in these curriculum vitae is accurate.*

<b>Name</b>	Maya Shaaban Eissa	<b>Signature</b>	<i>Maya S. Eissa</i>	<b>Date</b>	February / 2021
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