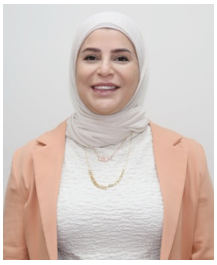
Marwa Khaled Al Jamal

Associate Professor in pharmaceutical analysis and drug quality control

Beirut Arab University



PERSONAL INFORMATION

Marwa Al Jamal

Beirut

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Marwa.jamal@bau.edu.lb

SMS, Whatsapp , Instagram, Facebook, Linkdin

Sex Female | Date of birth 26/06/1985 | Nationality Lebanese

WORK EXPERIENCE

PRACTICAL EXPERIENCE

Jan 2025-Nov 2025

Quantitative proteomics using Orbitrap Astral mass analyser

2014- Present

Internal auditor at DQC laboratory ISO 9001 certified.

2010-present

Analyst at DQC laboratory ISO 9001 certified: quantitative and qualitative drug analysis for the community consultation center.

Equipment's qualification:

FTIR

HPLC

GC-MS

Polarimeter

Flame photometer

Spectrophotometer UV/VIS

Spectrofluorimeter

ELISA

Dissolution

PROFESSIONAL EXPERIENCE

2026- Present

Drug Quality control-ISO9001 certified lab manager

2026- Present

Post-Graduate Research coordinator at Faculty of Pharmacy-Beirut Aranb University

2024-2025

Post-Doctoral in Quantitative proteomics at Univesity of California San diego

2024-2026

Member of the Lebanese pharmacy board equivalency exam at the ministry of higher education

2023-2025

Member of the research committee at Beirut Arab University

2021-2023

Head of the inspection department at the Order of Lebanese Pharmacist

2022-2023

Member of the Lebanese technical committee at the Ministry of Public Health

Board member at the Order of Lebanese Pharmacist

2021-2025

Member of the scientific committee at the Order of Lebanese Pharmacist

Member of the continuous education committee at Order of Lebanese Pharmacist

	President consultant at Order of Lebanese Pharmacist president for the Lebanese universities committee
2020-2024	Member of AHA pharmaceutical committee
2017-present	Marwa Pharmacy Owner
2012-2014	Inspector at the Order of Lebanese Pharmacist
2009-2012	Medical sales representative at Algorithm pharmaceuticals
2007-2011	Community pharmacist

TEACHNG EXPERIENCE

2010-present Course coordinator (2017-present) Laboratory instructor (2010-2017)	Pharmaceutical Physical Chemistry Pharmaceutical Analytical Chemistry I Pharmaceutical Analytical Chemistry II Pharmaceutical Analytical Chemistry III Pharmaceutical Analysis
2010-present Course Coordinator (2017-present) Preceptor (2010-2017)	Pharmacy Practice Experience I
2010-2014 Laboratory instructor	Biopharmaceutics and pharmacokinetics Pharmaceutical manufacturing
2013-present Course coordinator (2020-present) Laboratory instructor (2013-2015)	Communication Skills to pharmacy practice
2014-2018 Facilitator (2014-2017) Course coordinator(2017-2018)	Interprofessional education
2017-present Course Coordinator (2020-present) Practical instructor (2017-2021)	Pharmacy Practice VI
2020-present Course Coordinator	Pharmacy practice management

THESIS SUPERVISION AND EXAMINATION

PhD and Msc supervision (2018-present)	Development of Validated Analytical Techniques for the determination of some binary and ternary mixtures in pharmaceutical formulations
	Development and validation of sensitive methods to evaluate selected anti-obesity drugs
	Development and Validation of Sensitive Methods for the Analysis of Some Selected Drugs
	Development and validation of sensitive methods for the determination of some antiviral drugs used in the management of Covid-19
	Development of Validated Analytical Techniques for the determination of some binary and ternary mixtures in pharmaceutical formulations Development and Validation of Sensitive Analytical Methods for the Assay of Some Drugs Used for the Treatment of Dyslipidemia
	Quantitative Assessment of Selected Narrow Therapeutic Index Drugs Using Developed Analytical Techniques
Pharm D	Quantifying caffeine and phenolphthalein in some declared and undeclared herbal weight loss products available in the Lebanese market

supervision
(2018-present)

Identification and quantification of synthetic pharmaceuticals in 10 common herbal weight loss products

Screening of phosphodiesterase-5 inhibitors as adulterants in dietary supplements marked or sexual enhancement in the Lebanese market

A Study about Knowledge, Attitude and Practice Regarding Parent's Use of Antibiotics for Their Children in Lebanon

Knowledge, attitude and practice of community pharmacists towards skin anti-aging products

Pharm D examination
(2018-present)

Assessing Knowledge, Attitudes, and Practice of Physicians regarding Antibiotic Use and Antimicrobial Resistance

Exploring Lifestyle Changes after the Crisis among a Sample of Lebanese People Residing in the North Area of Lebanon: A Cross-sectional Assessment

Premenstrual Syndrome: Knowledge and Perception of the Mount Lebanon Resident

Examining Susceptibility Patterns and Factors Influencing the Acquisition of Antimicrobial Resistant Klebsiella pneumoniae: A Retrospective Observational Study in a Lebanese Hospital

Knowledge and attitude of Lebanese community pharmacists towards the use of Non-steroidal anti-inflamtory drugs

Knowledge and Perceptions of Patients towards Generic and Local Medications in Lebanon

Prevalence, determinants, and characteristics of extemporaneous coumpounding in Lebanese pharmacies

Knowledge and perception of patients towards generic and local medications in Lebanon
Prevalence, determinants and characteristics of extemporaneous compounding in Lebanese pharmacies

Knowledge and Willingness of the Lebanese Pharmacists to Administer Dermal Fillers

Are expired drugs dead drugs: Beirut community perspective

Are expired drugs dead drugs: Bekaa community perspective

EDUCATION AND TRAINING

EDUCATION

Jan 2025-Nov 2025
Post-Doctoral in qunatitative proteomics at Univesity of California San diego

May 2017
PhD in Pharmaceutical Analytical Chemistry and Drug Quality Control
Faculty of Pharmacy- Beirut Arab University- Beirut- Lebanon
Dissertation Title: "Evaluation of Some New Drugs Used in the Treatment of Cardiac Disorders"
Supervisors: Prof Azza Gazy, Dr Soula Kyriakos

May 2013
MSc in Pharmaceutical Analytical Chemistry and Drug Quality Control
Faculty of Pharmacy- Beirut Arab University- Beirut- Lebanon

July 2009
BSc in Pharmacy (CCAP accredited)
Faculty of Pharmacy- Beirut Arab University- Beirut- Lebanon

TRAININGS

2017-present
The Future of Academia in Light of Artificial Intelligence

The research and publication training

Strategies and models for Employer Engagement: aligning university resources and programs with global competitiveness

Innovative digital skills and teaching methods for effective health communication in lebanon and Syria

Building safe and positive learning environment: take the fear out

Adding Fun To Interactive Learning: A Win-Win Situation

Preceptor roles 'the fanatic four'

Creating healthy learning environment: Let's take fear out

Digital educational tools for teachers

ISO-17025 General requirements for the competence of testing and calibration laboratories

ISO 9001-2008 certificate for Drug Quality Control (DQC) laboratory and ISO 9001

“Teaching Threshold concepts and recognizing cognitive overload: Evaluating academic practice on our taught programmes” in collaboration with the university of Roehampton

“Critical Thinking” in collaboration with the university of Roehampton

Third forum on advancing pharmacy education in the middle east and the gulf region

Teaching & learning: Curriculum design, assessment & feedback

Learning Styles: Do we learn the same way?

Evidence-Based Practice and how to locate such documents

Interprofessional Collaboration In Acute And Chronic Care

Art of prioritizing- Time management

Why are medical information retrieval skills important?

Team Based Learning

Towards Best Pharmacy Practices: Enhancing Pharmacy Education

Theoretical and practical training for internal quality auditor

Authentic Teaching & Learning

Assessment of Competencies

The Enhancement of Staff-members’ Teaching Skills, a series of seven training workshops

PERSONAL SKILLS

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	V. Good	V. Good	V. Good	V. Good	V. Good
English	V. Good	V. Good	V. Good	V. Good	V. Good
Arabic	Excellent	Excellent	Excellent	V. Good	V. Good

Communication skills

- Good communication skills gained through my experience as a lecturer
- Good negotiation skills gained through my experience in teaching
- Good presentation skills gained through my experience in conducting lectures.
- Time management skills gained through teaching, research and conference participation

Computer skills

- Windows XP
- Microsoft Office 2007 – 2016
- SoftPharm.

Driving licence

- Private
- International

ADDITIONAL INFORMATION

Publications

Utilization of the FTIR spectroscopic method for the quantitative determination of the narrow therapeutic index levothyroxine sodium in pharmaceutical tablets. Malak AlBathish M, Azza Gazy, **Marwa Al Jamal**, Alice Bejjani, Pharmacia 71(1): 1-9, 2024. DOI 10.3897/pharmacia.71.e125879
https://pharmacia.pensoft.net/article/125879/

Knowledge and perceptions of patients towards generic and local medications:The lebanese version, Amani Mehtar1, Azza Gazy2, **Marwa Al Jamal2**, May Saab2,Pharmacia 70(1): 121–127,2023.

DOI 10.3897/pharmacia.70.e98699.
https://pharmacia.pensoft.net/article/98699/

Novel fast analytical methods for the analysis of Fluoxetine in pure and pharmaceutical dosage form, **Marwa K. El Jamal**, bau journal - science and technology 3(2), 2022.
https://digitalcommons.bau.edu.lb/stjournal/vol3/iss2/5

Quantitative assay of binary and ternary cardiovascular mixtures using absorption subtraction spectrophotometric method, **Marwa K. El Jamal,** bau journal - health and wellbeing, vol. 3, issue 1, 2020.
https://digitalcommons.bau.edu.lb/hwbjournal/vol3/iss1/8

Inversely Calibrated Curvilinear Artificial Neural Network Model for Simultaneous Assay of Ternary Cardiovascular Drug Mixture, Miranda F. Kamal*, **Marwa K. El Jamal**, Azza A. Gazy, Archives of Pharmaceutical Sciences Ain Shams University; Vol. 4, Issue 2, 2020.
https://aps.journals.ekb.eg/article_135138.html

Identification and Quantification of Phosphodiesterase-5 Inhibitors as Adulterants in Dietary Supplements Marked for Sexual Enhancement in The Lebanese Market, SOUBRA, R., A. A. GAZY, M. SAAB, and **Marwa K. Al Jamal,** IJPPS Vol 12, 2020.
https://innovareacademics.in/journals/index.php/ijpps/article/view/36527

Rp-Hplc and Chemometric Methods for the Determination of Two Anti-Diabetic Mixtures; Metformin Hydrochloride-Canagliflozin and Metformin Hydrochloride-Gliclazide in Their Pharmaceutical Formulation, MALAK AL-BATHSIH, Azza A. Gazy, **Marwa K. El Jamal**, IJPPS Vol 12, Issue 2, 2020.
https://innovareacademics.in/journals/index.php/ijpps/article/view/35415

Validated Kinetic Spectrophotometric Determination of Pitavastatin Calcium Using Acidic Permanganate Oxidation, **Marwa K. Al Jamal,** IJPPS Vol 12, Issue 3, 2020.
https://innovareacademics.in/journals/index.php/ijpps/article/view/35888

Selective H-point standard addition and double divisor ratio derivative chemometric methods for determination of ternary mixture of cardiovascular drugs, **Marwa K. El Jamal,** BAU Journal - Health and Wellbeing, vol. 2, issue 1, 2019.
https://digitalcommons.bau.edu.lb/hwbjournal/vol2/iss1/9

Novel Selective Spectrophotometric Methods For The Determination of Methimazole In Pure Form and in Pharmaceutical Formulation, MALAK AL-BATHSIH, Azza A. Gazy, **Marwa K. El Jamal,** IJPPS Vol 12, Issue 12, 2019.
https://innovareacademics.in/journals/index.php/ijpps/article/view/35715

Development and Validation of Analytical Spectrophotometric and RP-HPLC Methods For The Simultaneous Estimation of Hydroquinone, Hydrocortisone and Tretinoin Ternary Mixture In Topical Formulation, **Marwa K. El Jamal,** Azza A. Gazy, IJPPS Vol 11, Issue 11, 2019.
https://innovareacademics.in/journals/index.php/ijpps/article/view/35188/21008

Comparative study of RP-HPLC method versus fourier transform convolution chemometric methods; an application on pharmaceutical binary mixtures of candesartan cilexetil-pitavastatin calcium and clopidogrel bisulfate-rosuvastatin calcium, **Marwa K. El Jamal,** Azza A. Gazy, IJPPS Vol 8, Issue 10, 2016.
http://innovareacademics.in/journals/index.php/ijpps/article/view/12931/0

Analysis of three cardiovascular drugs in their ternary mixture using green analytical methodology of smart spectrophotometric methods and RP-HPLC method, **Marwa K. El Jamal**, Azza A. Gazy, IJPPS Vol 8, Issue 8, 2016.
http://innovareacademics.in/journals/index.php/ijpps/article/view/12390

Validated stability indicating hplc-dad method for the simultaneous determination of amlodipine besylate and olmesartan medoxomil in mixture, Ekram M. Hassan, **Marwa K. El Jamal**, M. Abdelhady El Sayed, IJPPS Vol 6, Issue 4, 2014.
http://www.ijppsjournal.com/Vol6Issue4/8950.pdf

Stability indicating spectrophotometric assay of candesartan cilexetil and, olmesartan medoxomil using discrete fourier transform convoluted curves,Ekram M. Hassan*, **Marwa K. El Jamal*** and M. Abdelhady El Sayed,Department of Pharmaceutical Analysis, Faculty of Pharmacy, Beirut Arab University, Lebanon, Der Pharma Chemica, 2014, 6(1):343-353.
https://www.researchgate.net/publication/287289550_Stability_indicating_spectrophotometric_assay_of_candesartan_cilexetil_and_olmesartan_medoxomil_using_discrete_fourier_transform_convoluted_curves

Validated kinetic spectrophotometric determination of candesartan cilexetiland olmesartan medoxomil using alkaline permanganate oxidation, Ekram Mahmoud Hassan*, Marwa Khaled El Jamal* and Mahmoud Abdelhady El Sayed, Department of Pharmaceutical Analysis, Faculty of Pharmacy, Beirut Arab University, Lebanon, Der Pharma Chemica, 2014, 6(2):122-133.
http://derpharmachemica.com/vol6-iss2/DPC-2014-6-2-122-133.pdf

References

- Prof Azza Gazy (0096178953969)

- Prof Abadalla EL Lakany (0096170738867)