

Curriculum Vitae

1. Personal data

Name: Shereen Mohamed Mohamed Abdel Aziz

Age: 44 years

Sex: Female

Marital status: Married

Address: Assiut, Egypt

Telephone number: +20 1020129334

Email: mokhdyyd@aun.edu.eg

drshereen332@gmail.com

Sherine.mohamed@merit.edu.eg

Current job: Associate professor of Medical Microbiology and Immunology, Faculty of Medicine, Assiut University.



2. Qualifications

Degree	Year	From	Grading
Bachelor degree in Medicine and Surgery	2004	Faculty of Medicine, Assiut University	Excellent
Master degree in Medical Microbiology and Immunology	2009		Excellent
Doctorate degree in Medical Microbiology and Immunology	2014		—

3. Skills

I. Academic skills

1. Sharing in course specification of general and system-based microbiology, basic microbiology, and clinical microbiology for undergraduate students (first, second- and third-year medical students) in an integrated systems-based curriculum.
2. Supporting development of microbiology courses in consonance with other basic medical science and pathological science subjects and linking to the clinical education.
3. Sharing in study guide and student portfolio preparation for first, second- and third-year medical students (integrated teaching program).
4. Preparation and presentation of student lectures in a manner that encourage thinking and proper communication (as Problem-Based Learning and Team-Based Learning) via small group teaching (group discussion classes). Familiarity with Learning Management Systems.
5. Experience in teaching via flipped lectures (a way that help students to read about lecture items before attending it).
6. Experience in teaching via fluent English with implementation of advanced technology in the education process. Actively seek out methods, procedures, and resources to best achieve course objectives.
7. Experience in implementation of different methods to evaluate and monitor individual student progress and maintenance of feedback to sustain student success.
8. Ability to provide academic advising for students regarding:
 - Dedication to continued professional development and scholarship.
 - Engaging in scholarly work that is of very high quality as evidenced by external peer review.
 - Exhibiting strong pedagogic skills and to remain proficient and current in their disciplines.

9. Sharing in exams preparation for undergraduate students.

10.Preparing, attending and sharing in didactic immunology lectures, seminars and workshops that cover the following items:

- Identification of normal immune system components.
- Methods of evaluation of normal immune response.
- Different diseases resulting from immune system disorders.
- Different laboratory techniques used for diagnosis of immune diseases (basic serological tests, immune cells sorting via flow cytometry, immune cells genetic profile analysis...).

11.Course specification of curriculum for infection control.

12.Experience in guiding students to conduct high-quality research in their own field and publish research outcomes in reputable journals and conferences.

13.Preparation and presentation of lectures for students of master and doctorate degrees in Medical Microbiology and Immunology.

14.Oral and practical examination of students of master and doctorate degrees in Medical Microbiology and Immunology.

15.Others

- a.Attended a course for fluent English listening and speaking & passed its final exam in English Teaching Center in Assiut University, Egypt.
- b.Attended a course for National TOEFL & passed its final exam in AMIDEAST Teaching Center.
- c. Attended training workshops in international publication rules, e-learning and team-based work in Quality Assurance Unit, Faculty of Medicine, Assiut University, Egypt.
- d.Attended a course about medical biostatistics in Faculty of Medicine, Assiut University, Egypt.
- e. Pursuing research in relevant biomedical sciences and/or pedagogy, organize and manage instructional resources, course outlines, and community networks.
- f. Attendance and participation of workshops in accreditation initiatives in Quality Assurance Unit, Faculty of Medicine, Assiut University, Egypt.

- g. As students of different countries prefer to receive their medical education at Faculty of Medicine, Assiut University, Egypt, I have the ability to work effectively with multiple diverse communities.

II. Practical skills

A. Working at Infection Control Unit of Assiut University Hospitals, Egypt from year 2006 till 2018 that provided me with the following skills:

- a. Implementation of proper infection control measures in different units of the hospital.
- b. Tracing the source of infection in outbreaks of nosocomial infection.
- c. Implementation of efficient sterilization methods and its evaluation.
- d. Isolation and identification of different bacterial pathogens implicated in nosocomial infections from different clinical specimens.
- e. Performance of *in vitro* antibiotic sensitivity testing of bacterial isolates.
- f. Chemical composition, preparation and sterilization of different culture media and biochemical tests used for bacterial isolation and identification.

B. Training at Assiut University Mycology Center, Faculty of Science, Egypt during years 2012 and 2013 that provided me with the following skills:

- a. Isolation and identification of fungal pathogens from different clinical specimens.
- b. Performance of *in vitro* antifungal sensitivity testing of yeast and mold isolates.
- c. Chemical composition, preparation and sterilization of different culture media used for fungal isolation and identification.

C. Working as demonstrator, associate lecturer, lecturer and associate professor of Medical Microbiology and Immunology at faculty of Medicine, Assiut University, Egypt that provided me with the following skills:

- a. Preparation and examination of stained smears from different clinical samples to obtain provisional diagnosis via direct microscopic examination.
- b. Cultivation of bacterial and fungal pathogens on suitable culture media for subsequent identification and determination of their anti-biogram.
- c. Different techniques used for serological diagnosis as agglutination tests and ELISA.
- d. DNA extraction and amplification via conventional PCR and real time PCR.

D. Working at Medical Research Excellence Center at faculty of Medicine, Assiut University, Egypt since March 2014 that provided me with the following skills:

- a. Real time PCR.
- b. Conventional PCR.
- c. Sero-diagnosis.
- d. Immuno-fluorescent microscopy.

III. Publications

1. **Activity of Some Natural Oils on Dermatophytes Isolated from Assuit University Hospitals.** Sherein G. El Gendy, Nermien H. Seddek and Shereen M. Mohammed. *Egyptian Journal of Microbiology*. 2016; 25(2): 85-91
2. **Serine Protease Inhibitor Kazal type 1 (SPINK1) expression in Colorectal cancer: Immunohistochemical study.** Shimaa H. Shabani, Tarek M. Elsaba, Shereen M. Abd El Aziz and Etemad Helmy. *SECI Oncology journal*. 2017; 5(4): 58-66
3. **Innovative nanocomposite formulations for enhancing biogas and biofertilizers production from anaerobic digestion of organic waste.** Fatma Y. Hassaneen, Muhammed S. Abdallaha, Nashaat Ahmed, Manar M. Taha, Shereen Mohamed. M. Abd El Aziz, Mohamed A. El-Mokhtar, *et al. Bioresource Technology journal*. 2020; 309: 123350
4. **Vitamin D as a Key Player in Modulating Rheumatoid Arthritis-derived Immune Response.** Ramadan Yahia, Shereen M. Mohammed, Manal M.

Hassanien, Shabaan H. Ahmed and Helal F. Hetta. *Journal of Pure and Applied Microbiology*. 2020, 14(4): 2453-2465

5. **Vaginal suppositories of cumin seeds essential oil for treatment of vaginal candidiasis: Formulation, in vitro, in vivo, and clinical evaluation.** Noura H. Abd Ellah, Asmaa S. Shaltout, Shreen M.M. Abd El Aziz, Ahmed M. Abbas, Hasnaa G. Abd El Moneem, Entisar M. Youness, *et al. European Journal of Pharmaceutical Sciences*. 2021; 157: 105602
6. **Gut microbiota in forty cases of Egyptian relapsing remitting multiple sclerosis.** Sherein G. Elgendy, Rawan Abd-Elhameed, Enas Daef, Shereen M. Mohammed, Hebatallah M.Hassan, Mohamed A. El-Mokhtar, Ahmed Nasreldein, Eman M. Khedr. *Iranian Journal of Microbiology*. 2021; 13(5): 632-641
7. **Rational of Invertebrates and Herbs Extracts for Protection and Management of Coronavirus (COVID 19).** Fatma El-Zahraa A. Abd El-Aziz, Soheir Mustafa Kasem, Marwa F. Ali, Shereen M. Mohamed and Doaa M. El Shehaby. *Egyptian Academic Journal of Biological sciences. G. Microbiology*, 2021; 13(1): 29-47
8. **The Role of Surfactants in Inhibition of Uropathogenic E. coli Biofilm in Catheterized Patients in Assiut University Hospitals.** Shereen M. Mohammed, Omnia A. Ahmed, Ismail Soliman, Mostafa Samy Abbas, and Wegdan A. Mohamed. *Journal of Microbes and Infectious Diseases*. 2022; 3(2): 398-406
9. **Loop-Mediated Isothermal Amplification: A rapid and simple method for detection of fluconazole resistant Candida.** Shereen M. Mohammed, Mohamed A. El-Feky, Ahmed A. Youssef, Rania M. Bakry, Yousra M. Mammdoh and Aliaa M.A. Ghandour. *Journal of Microbes and Infectious Diseases*. 2022; 3(2): 442-448
10. **The relationship between the gut microbiota shifts and the inflammatory biomarkers in obese and normal weight adults.** Shereen M. Mohammed, Marwa Fayeze Hosny, Wegdan A. Mohamed, Manal Elsayed EzzEldeen and Mohamed Saad Badary. *Microbes and Infectious Diseases*. 2022; 3(3): 703-713
11. **Dengue fever as a reemerging disease in Upper Egypt: Diagnosis, vector surveillance and genetic diversity using RT-LAMP assay.** Mona Gaber, Alzahraa Abdelraouf Ahmad , Asmaa M. El-Kady, Mohammed Tolba, Yutaka Suzuki, Shereen M. Mohammed and Nahed Ahmed Elossily. *PLOS ONE* | <https://doi.org/10.1371/journal.pone.0265760> May 2, 2022

- 12. Impact of innovative nanoadditives on biodigesters microbiome.** Fatma Y Hassaneen, Rehab Z Abdallah, Muhammed S Abdallah, Nashaat Ahmed, Shereen M M Abd Elaziz, Mohamed A El-Mokhtar, *et al. Microb Biotechnol.* 2023;16(1):128-138.
- 13. IDENTIFICATION OF CRONOBACTER SAKAZAKII ISOLATED FROM POWDERED INFANT FORMULA AND STOOL OF INFANTS.** Norhan W. Ragab, Shereen M. Abdelaziz, Shereen M. Galal, Ehsan Abdelsabour and Rawhia F. Abdelhamid. *Assiut Vet. Med. J.* 2023; 69 (179): 37-48
- 14. Loop-mediated isothermal amplification assay versus polymerase chain reaction for detection of blaNDM-1 and blaKPC genes among Gram negative isolates.** Ayat Mohammed, Ehsan Hassan, Mona Hassan, Ahmed Reda, Shrouk Elghazaly and Shereen Mohammed. *Journal of Microbes and Infectious Diseases.* Article in progress; Accept Date: 21 January 2024

قرآن مجید الطبعہ تہذیبیہ ۷۷ء فیبروری سنہ ۲۰۰۵
منع اللہ فسادہ محمد محمد حمید العزیز بنی السنہ محمد محمد حمید العزیز

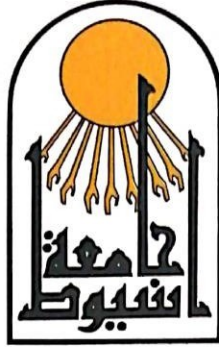
ورحمة البقا والبر في الطهر والمجر حسنا بقدر محض
مع مرتبة الشرف

رئيس الجامعة
محرم

محمد توفيق المنعم بكر
عميد كلية الطب

سجلت بجامعة اميوط برقم ٢٤

جمهورية مصر العربية



بعد الاطلاع على نبذة السيرة الذاتية للطبيب (المقدمة لفرقة بكالوريوس ١٢/٢٠ سنة ٢٠٠٩

فرقة بكالوريوس الطب سنة ٢٧ من ديسمبر سنة ٢٠٠٩

نسخ من السيد محمد محمد عبد العزيز

الطبيبة في أسيوط سنة ١٩٨١ ميلادية

وحيثما لا يثبت في العلوم الطبية أنه يمكن (الميكروبيولوجيا والمناعية والطب) و
موضوع البحث: "الفشلونز والطبيب (مقال) بتقدير ممتاز".

السيوط في ربيع آخر سنة ١٤٢١ هجرية وسام سنة ٢٠٠٩ ميلادية

رئيس الجامعة

عميد الكلية

توقيع صاحبة الدرس

سجلت بجامعة أسيوط برقم
١١١١١١١١

جمهورية مصر العربية



2/C № 0001868

شهادة الدكتوراه

بعبارة طلبة على نتيجة الامتحان الكلية الطب

الجامعة بقرية مجلسها في ٣ / ١٨ سنة ٢٠١٤ ميلادية

قرار مجلس الجامعة بتاريخ ٢٥ منه مارس سنة ٢٠١٤ ميلادية

نخ لـ سيد محمد محمد عبد العزيز

الدكتور في دكتور / أسيوط سنة ١٩٨١ ميلادية

درجة الدكتوراه في العلوم الطبية الأساسية "الميكروبيولوجيا والمناعة

الطبية" وموضوع الرسالة "التعرف الجزيئي واختبار حساسية

مضادات الفطريات المرضية المعزولة بمستشفى أسيوط (طامحاً

أسيوط في شعبان سنة ١٤٣٥ هجرية / يونيو سنة ٢٠١٤ ميلادية

رئيس الجامعة
د. محمد عبد السيد

عميد الكلية

أ.د. أحمد عبد الحادي

توقيع صامد الزوجه

سجلت بجامعة أسيوط برقم



The 22nd Conference of the Egyptian Society for Medical Microbiology (ESMM)

In Collaboration with Microbiology Department, Faculty of Medicine, Zagazig University

Clinical Microbiology and Infections

16th April 2016, Hilton - Dreamland

Certificate Awarded To:

Shereen Mohamed Abdel Aziz

For his/her Participation in the Scientific Activities of the Conference

President of ESMM

Samira shw

Prof. Samira Shaab

Conference President

Esraa shw

Prof. Wagda Shaab

Conference President

Amr

Prof. Amr Eldaly

Assiut University - Faculty Of Medicine
24th Annual Conference
Certificate

This Certificate is awarded to
Dr.

In Recognition of his Participation in the 24th Annual Conference

2-5 April 2006

Moderator

(Signature)

Prof. Salwat Abd El-Rady

Secretary general

(Signature)

Prof. Ezrat Hamed Sayed

Chairman & Dean of the Faculty

(Signature)

Prof. Mohammad A. Moniem Bakr

NOOR SCIENTIFIC & TRADE



CERTIFICATE OF ACHIEVEMENT

This is to certify that

Mr. Dr. Shereen Mohamed has successfully

Completed hands-on training on operation / maintenance
Equipment Name or Model *T100 Thermal Cyclor*
manufactured by our principle *Bio-Rad*
The training was held in *Hospitals of Assiut University*
from *25 / 03 / 2015* to *25 / 03 / 2015* Awarded on *26 / 03 / 2015*

Eng. Mohamed Soltan
Service Manager

M. Soltan

Mr. Ahmed Amin
Executive Manager

A. Amin



مركز تنمية قدرات أعضاء هيئة التدريس والقيادات - جامعة أسيوط
Faculty and Leadership Development Center- Assiut University



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Mark of personal quality in HRD & training



Certificate of achievement

FLDC certifies that

Dr. Shereen Mohammed Mohammed

Lecturer

Microbiology and Immunology Department

Faculty of Medicine

Assiut University

Has passed the training program of

Research Ethics

(Online) / Obligatory

From 18 - 20 January 2022

FLDC Director

Prof. Gaber Ahmed Megahed

Dated 23-01-2022



يشهد المركز بأن

د / شيرين محمد محمد عبد العزيز

مدرس

قسم الميكروبيولوجيا و المناعة

كلية الطب

جامعة أسيوط

قد اجتازت البرنامج التدريبي

أخلاقيات البحث العلمي

(أونلاين) / أساسي

في الفترة من ١٨ - ٢٠ يناير ٢٠٢٢

مدير المركز

د. / جابر أحمد مجاهد

توقيع في ٢٣/٠١/٢٢



مركز تنمية قدرات أعضاء هيئة التدريس والقيادات - جامعة أسيوط
Faculty and Leadership Development Center- Assiut University



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Consultants are employed here.

Mark of personal quality in HRD & training



Certificate of achievement

FLDC certifies that

Dr. Shereen Mohammed Mohammed

Lecturer

Microbiology and Immunology Department

Faculty of Medicine

Assiut University

Has passed the training program of
Publication of research in international journals
(Online) \ Obligatory

From 10 - 12 May 2020
FLDC Director

Prof. Gaber Ahmed Megahed
Dated 14 -05-2020



يشهد المركز بأن

د/ شيرين محمد محمد عبد العزيز

مدرس

قسم الميكروبيولوجيا والمناعة

كلية الطب

جامعة أسيوط

قد اجتاز البرنامج التدريبي

نشر البحوث في مجلات دولية

(اون لاين) / أساسي

في الفترة من ١٠ - ١٢ مايو ٢٠٢٠
مدير المركز

د/ جابر أحمد مجاهد
تقريري ٢٠٢٠/٠٥/١٤



مركز تنمية قدرات أعضاء هيئة التدريس والقيادات - جامعة أسيوط
Faculty and Leadership Development Center- Assiut University



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Mark of personal quality in HRD & training



Certificate of achievement

FLDC certifies that

Shereen Mohammed Mohammed

Lecturer

Microbiology and Immunology Department

Faculty of Medicine

Assiut University

Has passed the training program of

Analytical and Creative Thinking in Teams

(Online) \ Obligatory

From 10 - 12 May 2020

FLDC Director

Prof. Gaber Ahmed Megahed

Dated 14-05-2020



يشهد المركز بأن

شيرين محمد محمد عبد العزيز

مدرس

قسم الميكروبيولوجيا والمناعة

كلية الطب

جامعة أسيوط

قد اجتاز البرنامج التدريبي

التفكير التحليلي والإبداعي في التدريس

(أون لاين) / أساسي

في الفترة من ١٠ مايو ٢٠٢٠

مدير المركز

د/ جابر أحمد مجاهد

تاريخه ١٤/٠٥/٢٠٢٠



مركز تنمية قدرات أعضاء هيئة التدريس والقيادات - جامعة أسيوط
Faculty and Leadership Development Center- Assiut University



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Certificate of achievement

FLDC certifies that

Dr. Shereen Mohammed Mohammed

Lecturer

Microbiology and Immunology Department

Faculty of Medicine

Assiut University

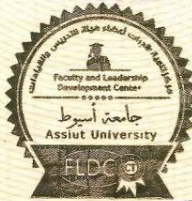
Has passed the training program of

"Code of Ethics "

(15 Hours) \ Optional

From 27 - 28 January 2020
FLDC Director

Prof. Gaber Ahmed Megahed
Dated 29-1-2020



شهد المركز بأن

د. شيرين محمد محمد عبد العزيز

مدرس

قسم الميكروبيولوجيا والمناعة

كلية الطب

جامعة أسيوط

قد اجتازت البرنامج التدريبي

بسلوكيات المهنة

(١٥ ساعة) / اختياري

في الفترة من ٢٧ - ٢٨ يناير ٢٠٢٠

مدير المركز

د. / جابر أحمد مجاهد
تاريخه ٢٩/١/٢٠٢٠



مركز تنمية قدرات أعضاء هيئة التدريس والقيادات - جامعة أسيوط
Faculty and Leadership Development Center- Assiut University



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Mark of personal quality in HRD & training



Certificate of achievement

FLDC certifies that

Dr. Shereen Mohammed Mohammed

Lecturer

Microbiology and Immunology Department

Faculty of Medicine

Assiut University

Has passed the training program of

Statistical Analysis in Scientific Research

(15 Hours) \ Obligatory

From 21 - 22 January 2020

FLDC Director

Prof. Gaber Ahmed Megahed

Dated 23 -01-2020



يشهد المركز بأن

د / شيرين محمد محمد عبد العزيز

مدرس

قسم الميكروبيولوجيا والمناعة

كلية الطب

جامعة أسيوط

قد اجتاز البرنامج التدريبي

التحليل الإحصائي في البحث العلمي.

(١٥ ساعة) / أساسي

في الفترة من ٢١ - ٢٢ يناير ٢٠٢٠

مدير المركز

د. جابر أحمد مجاهد

تصديق ٢٠٢٠/٠١/٢٣