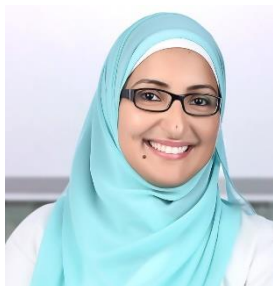


PERSONAL INFORMATION

Neveen Ahmed Abdelaziz



📍 Sixth October city, Giza, 12451, Egypt

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Sex Female | Date of birth 27/05/1980 | Nationality American/ Egyptian/ (dual nationality)

WORK EXPERIENCE

(9/2018-present)

Associate professor in the Microbiology department

Faculty of pharmacy –Ahrm Canadian University, Sixth of October City, Giza, Egypt

- Teach undergraduate students in the classroom as well as the laboratory training
- Lead a research program pursuing fundamental/translational aspects of antimicrobial resistance to antibiotics
- Audit and asses the compliance of our faculty departments to the National Academic reference standards (NARS)

Business or sector Ministry of higher education and scientific research

(9/2015-8/2018)

Assistant professor in the Microbiology department

Faculty of pharmacy –Ahrm Canadian University, Sixth of October City, Giza, Egypt

- Teach undergraduate students in the classroom as well as the laboratory training
- Department's coordinator and member of the faculty's quality control unit

Business or sector Ministry of higher education and scientific research

(9/2012-8/2015)

Assistant professor in the Microbiology department

Faculty of pharmacy – Modern University for Technology and Information, El-hadaba El-Wosta, Mokattam, 5th district, Cairo, Egypt

- Teach undergraduate and graduate students in the classroom as well as the laboratory training
- Academic advising for students

Business or sector Ministry of higher education and scientific research

(9/2008-12/2011)

Assistant lecturer in the Microbiology department

Faculty of Pharmaceutical Sciences and Pharmaceutical Industries- Future University, ,5th settlement, Cairo, Egypt

- Teach undergraduate students mainly laboratory training
- Academic advising for students

Business or sector Ministry of higher education and scientific research

(2/2003-3/2007) Drug control specialist

National organization for drug control and research (NODCAR), Agouza, Giza, Egypt

- Performing microbiological control tests for various pharmaceutical and biological products
- Application of the requirements of the ISO 9001/2000 and ISO 17025/2005 certificates
- Implementation of the requirements for accreditation from the World Health Organization (WHO)
- Preparation of training courses for new graduates and for visitors from National Regulatory Authorities in the Arab area

Business or sector Ministry of Health and Population

EDUCATION AND TRAINING**(9/2018 – 2/2020) Professional diploma in bioinformatics**

Nile University, sixth of October, Giza, Egypt

International Instructors from top universities and leading institutions in Bioinformatics like University of Rostock and EMBL-EBI. Specialized courses including:
Introduction to bioinformatics, Structural Bioinformatics and Drug Discovery, Programming for Bioinformatics, Integrative Bioinformatic and Systems Biology and Computational Methods for NGS Data Analysis

(6/2007 – 6/2012) PhD, Microbiology and Immunology

Faculty of Pharmacy, Helwan University, Cairo, Egypt

Dissertation Title: *Microbiological and molecular studies on clinical multidrug resistant bacterial isolates from cancer patients*

(6/2003 – 5/2007) Masters, Microbiology and Immunology

Faculty of Pharmacy, Cairo University, Egypt

Dissertation Title: *Active efflux of antibiotics and effect of efflux inhibitors on selected clinical bacterial isolates*

(9/1997 – 6/2002) Bachelor of pharmaceutical sciences

Faculty of Pharmacy, Cairo University, Egypt

- Basic Microbiology and Immunology, Parasitology and Pathology
- Public health, Medical Microbiology
- Biotechnology and Genetic Engineering

PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

Communication skills

- Good communication and presentation skills gained through my experience in teaching undergraduate university students.
- Strong commitment to team environment dynamics.
- Ability to contribute expertise and mediate skills gained through supervision of students' and postgraduates' research projects
- Intercultural skills gained through living in different countries and dealing with different societies.

- Organisational / managerial skills**
- I am the leading researcher of a project funded by the International Society of Infectious Diseases (ISID) research grant in 2019 for early career researchers.
 - Combine patience, determination, and persistence to troubleshoot issues.
 - Strong sense of Responsibility and Organization, I lead the first setup and implementation of the registration and grading system in my faculty.
 - Results oriented, with efficiency and effectiveness. I successfully participated in achieving the accreditation of my faculty as a member of the internal audit committee.

- Job-related skills**
- Good command of quality control processes, I was a member of the quality audit unit responsible for assessment of the compliance of our faculty departments to the National Academic reference standards (NARS).
 - Experience in laboratory environment with the respective devices.
 - Excellent command of microbiology general techniques (culture media, inoculation, colonies isolation, detection, and characterization tests).
 - Ability to perform molecular biology techniques (Extraction and purification of DNA / RNA, PCR)
 - Comfortable with several instrumental methods of analysis and characterization of compounds.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient	Proficient	Proficient	Proficient	Proficient
International Computer driving Licence ICDL- UNESCO endorsed by Ministry of Communication and Information Technology-Egypt				

- Excellent command of office suite (Word, Excel, PowerPoint).
- Standard software tool for publishing and managing bibliographies, citations, and references
- Knowledge of SPSS, R studio
- Knowledge of bioinformatics databases (BLAST, BioEdit Sequence Alignment Editor, Clustal W, etc)

ADDITIONAL INFORMATION

Publications	<ul style="list-style-type: none"> • Neveen A. Abdelaziz (2022) "Phenotype-genotype correlations among carbapenem-resistant Enterobacterales recovered from four Egyptian hospitals with the report of SPM carbapenemase". Antibiotic Resistance & Infection Control (Accepted). https://doi.org/10.1186/s13756-022-01061-7 • Sherif, Mahmoud M., Walid F. Elkhatib, Wafaa Khalaf, Nooran Elleboudy, and Neveen A. AbdelAziz. (2021) "MDR <i>Acinetobacter baumannii</i> biofilms: Evaluation of phenotypic-genotypic association and susceptibility to cinnamic and gallic acids." <i>Frontiers in Microbiology</i>: 12:716627. https://doi.org/10.3389/fmicb.2021.716627 • Sayed E. El-Sayed, Neveen A. Abdelaziz, Ghadir S. El-Housseiny, Khaled M. Aboshanab (2020) Octadecyl 3-(3, 5-di-tert-butyl-4-hydroxyphenyl) propanoate, an antifungal metabolite of <i>Alcaligenes faecalis</i> strain MT332429 optimized through response surface methodology. <i>Applied Microbiology and Biotechnology</i> 104(24): 10755-10768. https://doi.org/10.1007/s00253-020-10962-9 • Sayed E. El-Sayed, Ghadir S. El-Housseiny, Neveen A. Abdelaziz, Mona R. El-Ansary, Khaled M. Aboshanab (2020) Optimized production of the allylamine antifungal 'terbinafine' by <i>Lysinibacillus</i> isolate MK212927. <i>Infection and drug resistance</i>, vol.13 3613-3626. http://doi.org/10.2147/IDR.S267590 <p>El-Sayed, Sayed E., Neveen A. Abdelaziz, Hosam-Eldin Hussein Osman, Ghadir S. El-Housseiny, Ahmed E. Aleissawy, and Khaled M. Aboshanab. "Lysinibacillus Isolate MK212927: A Natural Producer of Allylamine Antifungal 'Terbinafine'." <i>Molecules</i> 27, no. 1 (2022): 201.</p> <ul style="list-style-type: none"> • Nasr, T., Bondock, S., Ibrahim, T.M., Fayad, W., Ibrahim, A.B., Neveen A. Abdelaziz. and Sakr, T.M., (2020) New acrylamide-sulfisoxazole conjugates as dihydropteroate synthase inhibitors. <i>Bioorganic & Medicinal</i>
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<p>Courses</p>	<p>Chemistry,115444. https://doi.org/10.1016/j.bmc.2020.115444.</p> <ul style="list-style-type: none"> • Ahmed A. Ramadan, Neveen A. Abdelaziz, Magdy A. Amin, Ramy K. Aziz (2019): Novel blaCTX-M variants and genotype-phenotype correlations among clinical isolates of extended spectrum beta lactamase-producing <i>Escherichia coli</i>. Scientific reports 9.1: 1-12. https://doi.org/10.1038/s41598-019-39730-0 • Nada Tarek and Neveen Abdelaziz (2018): Oral mucosal stem cells, human immature dental pulp stem cells and hair follicle bulge stem cells as adult stem cells able to correct limbal stem cell deficiency. https://doi.org/10.2174/1574888X13666180223124936 • Lamees Galal, Walaa Hassan and Neveen AbdelAziz (2018): Defining the relationship between phenotypic and genotypic resistance profiles of multi-drug resistant enterobacterial clinical isolates. Advances in Microbiology, Infectious Diseases and Public Health. Advances in Experimental Medicine and Biology, Springer. vol. 208:1-13. https://doi.org/10.1007/5584_2018_208 • Neveen Abdelaziz (2018): Frequency and Factors associated with cross resistance and collateral sensitivity in Staphylococcus species from cancer patients, a step towards improved infection control. N. Egypt. J. Microbiol. vol. 49:104-123 • Abdel-Baky, Rehab Mahmoud, Mohamed Abdullah Ali, Gamal El-Din Ali A. Abuo, and Neveen AbdelAziz (2016): Inhibition of Urease Enzyme Production and some Other Virulence Factors Expression in Proteus mirabilis by N-Acetyl Cysteine and Dipropyl Disulphide. Advances in Microbiology, Infectious Diseases and Public Health. Advances in Experimental Medicine and Biology, Springer. vol. 973:99-113. https://doi.org/10.1007/5584_2016_197 • Aldomany, R.A., Hassan, W.M, Abdeltwab, N.M and Neveen A. Abdelaziz (2016) Prevalence of Metallo-beta-lactamases in carbapenem-resistant <i>Pseudomonas aeruginosa</i> clinical isolates from infected patients at Tanta and Mansura university hospitals in Egypt. N. Egypt. J. Microbiol. vol. 44:70-90 • Ahmed, Eman Farouk, Rehab Mahmoud Abd El-Baky, Abo Bakr F. Ahmed, Nancy Gameel Fawzy, Neveen A. Abdel Aziz, and Gamal Fadl Mahmoud Gad (2016). Evaluation of antibacterial activity of some non-steroidal antiinflammatory drugs against <i>Escherichia coli</i> causing urinary tract infection. African Journal of Microbiology Research 10, 34: 1408-1416. https://doi.org/10.5897/AJMR2016.8179 • Yousef Soliman, Ramadan Al-Domany, Shimaa Abdel Hameed, Riham Shawky and Neveen A. AbdelAziz (2015): Early and accurate Differential diagnostic potential of tuberculosis using antigen 85B and ESAT-6 protein antigens, New Egyptian journal of Microbiology • Ramadan El Domany, Soheir Abdelatif and Neveen A. Abdelaziz (2011): Characterization and antimicrobial susceptibility of <i>Staphylococcus</i> species isolated from cancer patients on chemotherapy in Egypt, New Egyptian journal of Microbiology vol.29 • Ramadan El Domany and Neveen A. Abdelaziz (2011): Characterization and antimicrobial susceptibility of gram negative bacteria isolated from cancer patients on chemotherapy in Egypt, Archives of clinical microbiology vol.2, No.6:2. https://doi.org/10.3823/243 <ul style="list-style-type: none"> • SAGESA Antimicrobial Resistance Bioinformatics Workshop 2022. • How to Select a Suitable Journal for Your Research, Research support center, Helwan University, 2021 • Innate immunity and Covid 19, Faculty of Pharmacy, Helwan University, 2021 • Artificial intelligence in health care, Faculty of Pharmacy, Alexandria University, 2021 • Saving Lives and Antimicrobials:Point-of-Care (POC) Microbial Diagnostics Current Situation and Future Perspectives, The American Society for Microbiology,2021 • Quality in Research (Publication strategies and approaches), Clarivate, EKB,2021 • Springer Nature Experiments: How to find the protocols and methods you need for your research, 2020 • Publishing in Academic Journals, Taylor&Francis, 2020 • Taking your classroom online, DAAD Kairo Akademie, 2020 • International summer school on bioinformatics, EG-CompBio project funded by DAAD,2019 • Education programs and courses specifications and Evaluation of learning outcomes for higher education Institutes, National Authority for Quality Assurance and Accreditation of Education, Egypt., 2019
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<p>Memberships</p> <p>Conferences</p>	<ul style="list-style-type: none"> • Metagenomics Workshop, organized by the Egyptian Center of Genome and Microbiome Research in collaboration with Oklahoma State University, 2019 • R for statistics and Data visualization, American University in Cairo, 2018 • Gap analysis between B of pharmacy-ACU and New NARS, 2018 • Constructive Assessment for learning, DAAD Kairo Akademie, 2018 • Systematic Reviews & Meta-analyses, SpringerNature in collaboration with EKB, 2018 • Strategic planning for educational institutions, Ahram Canadian University, 2018 • Effective academic writing, SpringerNature in collaboration with EKB, 2017 • Exams systems and students' assessment methods, National Authority for Quality Assurance and Accreditation of Education, 2017 • Description of programs and course specifications, Ahram Canadian University, 2016 <ul style="list-style-type: none"> • International Society of infectious Diseases (ISID) • American Society of Microbiology (ASM) • Egyptian Pharmacist Syndicate • Southern African Training & Research Network for Genomic Surveillance of Antimicrobial Resistance project (SAGESA) <ul style="list-style-type: none"> • Accepted poster presentation at the 19th International Congress on Infectious Diseases (ICID), Postponed until Fall of 2022. • Virtual Phi's Research and Innovation Summit, 2020 • American Society for Microbiology Conference for Undergraduate Educators ASMCUE virtual, 2020 • ASM Microbe Online, 2020 • The 1st Egyptian international conference on microbiota & microbiome in health and disease, 2019 • 6th BioKMT Research network in collaboration with Academy of Scientific Research and Technology, 2019 • NGS in Microbiology "From Basic Laboratory Technique to Application in the Clinical Setting, 2018 • Biovision Alexandria conference, 2018 • Gut Microbiota in Health and Disease, 2017 • 14th National conference on Biochemistry and Molecular biology held by October University for Modern Sciences and Arts, 2017 • International conference "New trends in Pharmaceutical and Medical Research" held by ACU, 2016. I Won the first place for "best poster presentation award".
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