



Sarah Magdy Abdelhamid

Professor

Microbiology and Immunology

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Sarah_magdy@yahoo.com

Appointment status:

Full time

Academic position:

Professor

Qualifications:

MbbCh from Faculty of Medicine, Alexandria university 1996
Master in Microbiology and Immunology from Faculty of Medicine, Alexandria university 2001
PhD in Microbiology and Immunology from Faculty of Medicine, Alexandria university 2005
Assistant Professor of Microbiology and Immunology, Faculty of Pharmacy, Pharos University
Professor of Microbiology and Immunology Faculty of Pharmacy, Damanhour university

Citizenship:

Egyptian

Working experience:

1997-1998 Intern in Alexandria University Hospital
1998-2007 Microbiologist in Alexandria Student University Hospital
2007-2012 Lecturer of Microbiology and Immunology in Faculty of Pharmacy/Pharos University
2012 Assistant Prof of Microbiology and Immunology in Faculty of Pharmacy/Pharos University
2012-2018 Assistant Professor and head of Microbiology and Immunology Department in Faculty of Pharmacy/Damanhour University
2018-Present Professor and head of Microbiology and Immunology Department in Faculty of Pharmacy/Damanhour University
2019-2023 Head of Central Research Labs. Faculty of Pharmacy/Damanhour University
2020-present. Assigned Professor at Faculty of Pharmacy, Arab Academy for Science and Technology AAST
2014-present member of infection control team, Alex specialized hospital
2014-Present head of Microbiology lab, Alex specialized hospital

	2020-Present Head of Dr Awatef Awwad and Dr Magdy Abdelhamid Lab
Research interest:	Different fields of Microbiology including molecular biology
Publications:	- Galactomannan (GM) in bronchoalveolar lavage fluid, a tool for diagnosing aspergillosis. - Evaluation of a Cytomegalovirus (CMV) IgG Avidity Testing To Discriminate Between Active and Latent CMV Infection. - Prevention and management of post-operative spinal infection - Shistosomiasis and HCV infections –do they have a role in the pathogenesis of some oral pathological lesions? - Schistosomiasis and HCV Infections – Do They Have a Role in the Pathogenesis of Some Oral Pathological Lesions - Incrimination of a Single PFGE Type of <i>Acinetobacter Baumannii</i> in the Etiology of Ventilator Associated Pneumonia in the Neonatal Intensive Care Unit of Alexandria University Hospital - In vitro comparative study of the effect of thyme oil and thymol on a multidrug resistant <i>Pseudomonas aeruginosa</i> isolate.(Conference paper) - Can penicillin-bound nanoparticles restore the activity of β-lactam antibiotics against methicillin-resistant <i>Staphylococcus aureus</i> - Detection of <i>Sutterella</i> species in stool of children with autism spectrum disorders (Conference paper) - Expression of the Fluoroquinolones Efflux Pump Genes <i>acrA</i> and <i>mdfA</i> in Urinary <i>Escherichia coli</i> Isolates - Hepatitis E virus in renal transplant recipients. - Combined efficacy of thymol and silver nanoparticles against <i>Staphylococcus aureus</i> - Are coagulase negative staphylococci “sleepers cells” for antibiotic resistance? Results from a five year study on Egyptian isolates.(conference paper) - Comparison of the diagnostic utility of ADA and CA125 in tuberculous effusion - Study of Patterns and Markers of Human Immune Deficiency Virus -1 (HIV-1) Progression and Unemployment Rate among Patients from Alexandria, Egypt - Validation of GeneXpert MRSA/SA blood culture assay in patients with suspected bacteremia - Time to Positivity and Antibiotic Sensitivity of Neonatal Blood Cultures - Synthesis and characterization of metallic and polymeric nanoparticles and their effect on the antibacterial properties of microhybrid composite resin - A Nanoparticles based Microbiological Study on the Effect of Rosemary and Ginger Essential Oils against <i>Klebsiella pneumoniae</i>. - Detection and phylogenetic analysis of Human bocavirus in children diagnosed with acute respiratory tract infection - Genotyping and Virulence Analysis of Drug Resistant Clinical <i>Klebsiella pneumoniae</i> Isolates in Egypt - Genotyping and Molecular Characterization of Carbapenem-resistant <i>Acinetobacter baumannii</i> Strains Isolated from Intensive Care Unit Patients - Synthesis and evaluation of metallic nanoparticles-based vaccines against <i>Candida albicans</i> infections - Identifying Different Mutation Sites Leading to Resistance to the Direct-Acting Antiviral (DAA) Sofosbuvir in Hepatitis C Virus Patients from Egypt

	- Prognosis of Human Cytomegalovirus in Cancer Patients Undergoing Chemotherapeutic Treatment in Egypt and an Emergent Prevalence of Glycoprotein B-5 - Prevalence of the colistin resistance gene MCR-1 in colistin-resistant <i>Klebsiella pneumoniae</i> in Egypt - Genotyping and molecular investigation of plasmid-mediated carbapenem resistant clinical <i>Klebsiella pneumoniae</i> isolates in Egypt - Interspecies Interaction between <i>Pseudomonas aeruginosa</i>, <i>Staphylococcus aureus</i> and <i>E. coli</i> in vitro. - Study of some potential biomarkers in Egyptian hepatitis C virus patients in relation to liver disease progression and HCC - Transforming microbial pigment into therapeutic revelation: extraction and characterization of pyocyanin from <i>Pseudomonas aeruginosa</i> and its therapeutic - Investigation of the antimicrobial effect of some natural products on Egyptian <i>Acinetobacter baumannii</i> isolates - Repurposing of paroxetine and fluoxetine for their antibacterial effects against clinical <i>Pseudomonas aeruginosa</i> isolates in Egypt - Phenotypic versus molecular techniques for the detection of carbapenemases among Egyptian carbapenem-resistant <i>A. baumannii</i> isolates. - Sustainable nanophytosome-based therapies against multidrug-resistant <i>Escherichia coli</i> in urinary tract infections: an in Vitro and in vivo study - Chlorpromazine inhibits the plasmid-mediated <i>oqxAB</i> multidrug efflux pump in <i>Escherichia coli</i> isolates of Egyptian patients with utis - Investigation of the antimicrobial effect of some natural products on Egyptian <i>Acinetobacter baumannii</i> isolates. - Comparative gut microbiome profiling in autistic and neurotypical children: Focus on <i>Clostridium perfringens</i>
Conferences and workshops :	- Recent Advances in Laboratory Medicines - Recent Advances in Laboratory Medicines (2nd Annual Congress) - 2nd Eastern Mediterranean Regional Infection Control Congress & 16th Annual Conference of the Egyptian Society of Infection Control"Networking for Better Achievement" - Nanoscience and Nanotechnology at a Glance - Recent Advances in Laboratory Medicines (4th Annual Congress) - The 17th international Conference of the Egyptian Society for Medical Microbiology (ESMM) - Recent Advances in Laboratory Medicines (5th Annual Congress) - The 19th Annual Conference of The Egyptian Society For Infection Control & 1st Conference of The Egyptian Patient Safety Association - The 20th Annual Conference of The Egyptian Society For Infection Control & 4th Conference of The Eastern Mediterranean Regional Network For Infection Control - The 3rd annual conference of Infection Control - 2nd student conference of the Alexandria Faculty of Medicine titled "Hepatitis C" - Workshop titled "Gene expression analysis: Genomics and proeomics" - Workshop titled: "Bioinformatics" - Workshop titled: "Molecular Biology Workshop" - Pharmaceutical Biotechnology Conference - First PUA Internationaal Conference on "Advances in Pharmaceutical Sciences" - Biovision Alexandria 2014 Conference - Biovision Alexandria 2016 Conference

- PHS 2019 conference Hilton Green Plaza, Alexandria, Egypt on 6-7 November 2019
- Workshop titled (التدريس و التعلم)
- Workshop titled (الطلاب و الخريجون)
- Workshop titled (التعليم الالكتروني)
- Critical Issues in Laboratory Medicine and Recent Advances in Lab Research (Conference)
- Workshop titled “Responsible conduct of research” 12-13/8/2018
- Workshop titles “التعامل مع الورقة الامتحانية الالكترونية” 13/12/2018
- Workshop titled “ Cell culture techniques” 14-17/4/2019
- Infection prevention and control; role of Microbiology 18/4/2019
- Workshop titled “ Scenarisation d’un cours en lidne” 3-7/5/2019
- 2nd PUA International Conference “Multidisciplinary Approaches in Pharmaceutical Sciences” ICMAPS / 2020 Faculty of Pharmacy and Drug Manufacturing Pharos University in Alexandria, Egypt 11th -12th , March 2020
- Kick of meeting for IMCert project which is a Capacity Building in field of Higher Education action EAC/A02/2019 Erasmus project funded by European Union/ Erasmus 8-9 may 2021
- Development of human competencies workshops: 1st Curriculum Designing Workshop for IMCert project which is a Capacity Building in field of Higher Education action EAC/A02/2019 Erasmus project funded by European Union/ Erasmus. Date: 6th to 9th of September
- Western Blot Technique Workshop. for IMCert project which is a Capacity Building in field of Higher Education action EAC/A02/2019 Erasmus project funded by European Union/ Erasmus. 20-23 September 2021
- ELISA and Tissue Culture Technique Workshop. for IMCert project which is a Capacity Building in field of Higher Education action EAC/A02/2019 Erasmus project funded by European Union/ Erasmus. 26-29 September 2021
- Fluorescence Activated cell sorting for IMCert project which is a Capacity Building in field of Higher Education action EAC/A02/2019 Erasmus project funded by European Union/ Erasmus. 18-22 December 2021
- 3rd PUA International Conference “Innovation in Pharmaceutical Sciences” IC-IPS / 2022 Faculty of Pharmacy and Drug Manufacturing Pharos University in Alexandria, Egypt 14th , May 2022
- General Moderator in The 29th International Conference of the Egyptian Society of Medical Microbiology (ESMM) in Association with the American Society for Microbiology (ASM). Recent Diagnostic, Preventive and Therapeutic Approaches for Infectious Diseases in Medical Microbiology 2, 3 September 2022, Egypt
- Use of radioactive sources and safety from dangers of ionizing radiation workshop. Egyptian Atomic Energy Agency EAEA. 20/8-6/9/2022
- 2nd International Conference and Exhibition on Pharmaceutical and Healthcare Sciences – PHS, 23-24 November 2022, Hilton Green Plaza, Alexandria, Egypt
- The First International Scientific Conference of the Faculty of Pharmacy at Damanhour University, Towards applied pharmaceutical research serving human health, 21-22 September, 2022
- The international conference and consortium meeting organized through the activities of the Immune Modulation Certificate for Post Graduate Students Enabled by Blended Learning (IMCert) in France, Lorraine, Metz 23 rd -28 th September 2022.
- 2nd International Conference of the Erasmus+ Project IMCERT 06.-09. February 2023, Max Burger Research Center, Leipzig, Germany

	- Final Management Meeting and International Conference IMCert. Immune Modulation Certificate for Post Graduate Students Enabled by Blended Learning, University of Aswan, Aswan, Egypt, 9-12 January, 2024 - 9th-12th January 2024 Pharmacogenomics and beyond; In the era of personalized medicine, April 20, 2024, Pharos university in Alexandria, Egypt - 4th PUA International Conference, Perspectives in Pharmaceutical Sciences, April 27, 2024, Pharos university in Alexandria, Egypt - 3rd International Conference and Exhibition on Pharmaceutical and Healthcare Sciences – PHS 2024, “Academia – Industry: The Power of Collaboration”23-24 October 2024
Thesis Supervision	- Masters Degree supervision titled: Incrimination of a Single PFGE Type of <i>Acinetobacter Baumannii</i> in the Etiology of Ventilator Associated Pneumonia in the Neonatal Intensive Care Unit of Alexandria University Hospital - Masters Degree supervision titled: “Penicillin-Bound Nanoparticles In Restoring The Activity Of B-Lactam Antibiotics Against Methicillin-Resistant <i>Staphylococcus Aureus</i>” - Masters Degree supervision titled: “Molecular study on pseudomonas clinical isolates causing nosocomial infections in Damanhour National Medical Institute” - Masters Degree supervision titled: “Colonization rate of group B streptococci among pregnant women in labour” - Masters Degree supervision titled: “Detection Of <i>Sutterella</i> Species In Stool Of Children With Autism Spectrum Disorders And Gastrointestinal Disturbances” - Masters Degree supervision titled: “Hepatitis E virus in Renal Transplant Patients” - PhD degree supervision: “Effect of blending metallic and polymeric antibacterial nanoparticles on some mechanical, physical and chemical properties of microhybrid composite resin (laboratory study)” - PhD degree supervision: “Study Of Various Factors And Patterns Of Disease Progression In Hiv-1 Patients In Egypt - PhD degree supervision: Study of some potential biomarkers in Egyptian hepatitis C virus infected patients in relation to liver disease progression - PhD degree supervision: A nanotechnology based microbiological Study on the effect of some herbal essential oils against common <i>Enterobacteriaceae</i> - PhD degree supervision: Molecular characterization of carbapenem-resistant <i>Acinetobacter baumannii</i> strains isolated from intensive care patients in Egypt - PhD degree supervision: New trend for synthesizing and evaluation of a nanotechnology-based vaccine against <i>Candida</i> infections - Masters Degree supervision titled : Molecular detection of Virulence and Antibiotic Resistance Genes in Clinical <i>Klebsiella pneumoniae</i> Isolates - Masters Degree supervision titled : A study of the protective and therapeutic effect of <i>Lactobacillus casei</i> and <i>Saccharomyces cerevisiae</i> in a mouse model of Breast Cancer - Masters Degree supervision titled : Interspecies interactions between <i>Pseudomonas aeruginosa</i> and other species - PhD degree supervision: Genotyping of Hospital Associated <i>Klebsiella pneumoniae</i> Isolates in the Intensive Care Unit Beheira Governorate- Egypt. - Masters degree supervision: Detection of human bocavirus infection in children with acute respiratory tract infection in Egypt - Master degree supervision: Prevalence of Human Cytomegalovirus infection in cancer patients in Egypt and impact of cancer treatment on viral reactivation - PhD degree supervision: Identifying different mutation sites leading to resistance to one of the direct acting antivirals (Sofos buvir) in the hepatitis C virus genotype 4a

- Master degree supervision: Microbiological study on isolation and characterization of bacteriophages infecting Multi-Drug-resistant Escherichia coli.
- Master degree supervision: Phenotypic and genotypic Study of colistin resistance in Klebsiella pneumoniae isolated from El-Beheira and Alexandria governorates, Egypt.
- Master degree supervision: Phenotypic and Molecular Characterization of Quinolone Resistant Isolates of Escherichia coli.
- Master degree supervision: Novel antivirulent approaches against multi drug resistant Acinetobacter baumannii
 - PhD degree supervision: Antibacterial activity of psychotropic drugs against clinical isolates of Pseudomonas aeruginosa and Staphylococcus aureus
 - PhD degree supervision: The role of 5HTT Gene Polymorphism as a modifier of the immune response in cancer patients
 - The Evaluation of Positive Impact of the Best Clinical Pharmacy Practices for Quality and Patient Safety Approaching Hospital Setting At Alexandria Main University Hospital
 - Knowledge, attitudes and practices of nurses of infection control in intensive care unit in anwar alsalam hospital- Libya
 - PhD degree supervision: Genome Editing For Combating Antimicrobial Resistance Among Clinical Isolates.
 - Masters: A study on the gut microbiome's emerging significance in autistic children
 - PhD: Phenotypic and Molecular Characterization of Carbapenem-Resistant Isolates of Acinetobacter baumannii
 - PhD: Anti-pathogenic influence of microbiota on Pseudomonas aeruginosa induced infections
 - Master: Isolation and characterization of bacteriophage and studying its efficacy against multi-drug resistance Pseudomonas aeruginosa
 - Microbiological study on the anti-bacterial and anti-virulence effect of Resveratrol on Staphylococcus aureus clinical isolates
 - Microbiological study on the anti-bacterial and anti-virulence effects of Metformin on Pseudomonas aeruginosa clinical isolates

Thesis Discussion

Hanada Islim. Ph.D. HCV Genotypes and Subgenotypes and HBV precore and core Mutations in Hepatocellular Carcinoma. Discussed 2015

Amira Gaber. Ph.D. Phenotypic and Genotypic Patterns of B Lactam Resistance Among Pseudomonas Aeruginosa Clinical Isolates. Alexandria University. Discussed 2015

Shahinda Rizk. M. Sc. Phenotypic and Genotypic Aminoglycoside Resistance Pattern in Acinetobacter Baumannii Clinical Isolates. Discussed 2016

Marian Guirgis Waheeb. M.Sc. New Chitosan Based dressing for Treatment of Staphylococcus Aureus and Pseudomonas Aeruginosa Diabetic Foot. Discussed 2015

Hussain Ali. Ph.D. Self Medication with Antibiotics in Misrata City, Libya. Discussed 2016

Ghada Nasef. Ph.D. Phenotypic and Genotypic Patterns B Lactam Resistance Among Klebsiella Clinical Isolates. Alexandria University. Discussed 2016

Ahmed Noby. Ph.D. Phenotypic and Genotypic Patterns of Aminoglycosides Resistance Among Pseudomonas Aeruginosa Clinical Isolates. Alexandria University. Discussed 2016

Ahmed Mayla. M. Sc. Validity of Nanochitosan as a drug carrier versus Hepatitis C virus replication in vitro. Discussed 2016

Mohammed Elkholy. PhD. Virulence factor, antifungal susceptibility profile, and possible mechanism of Azole resistance among *Candida Tropicalis* clinical isolates 2017

Aisha Saeed Torky. PhD. Phenotypic and Molecular Characterization of Carbapenem Resistant *Acinetobacter baumannii* Isolated from Hospitalized Patients in Alexandria 2018

Mahetab Mustafa Mohammed, M.Sc. Production, characterization of endotoxin produced by *Pseudomonas aeruginosa* and its applications 12/2018

Shahinda Abdelaziz Mahmoud, M.Sc. Analysis of the host factors involved in the hepatitis B virus covalently closed circular deoxyribonucleic acid generation, and their role in the development of chronic infection. 9/5/2019

Lina Mohammed El-Said Ali Maarouf, M.Sc. A microbiological study of Linezolid activity against Gram Positive Cocci. 20/6/2019

Mennatallah Abdulhafeez Lamada M.Sc Production and purification of Bacteriocins produced by a novel marine isolate of *Lactobacillus plantarum*: Modelling approach and application. 23/11/2019

Fatma Ali Ahmed Amin Marine lactic acid bacteria as potential biological agents for hazardous metal removal of aquatic environments. M.Sc. 16/03/2020

Hend Ibrahim Mohamed Zeiton Recombinant expression of some *Mycobacterium tuberculosis* antigens for potential diagnostic applications. PhD. 12/7/2020

Hager Yehia Saad Shalaby Evaluation of microbiological quality of milk from different sources in Egypt. Master. 29/07/2020

Mostafa Mokhles . Prevalence, associated risk factors and molecular studies of *Giardia* and *Entamoeba* species in Egypt. Master. 22/10/2020

Asmaa Ahmed Hassan Ramadan Antibiotic resistance, biofilm formation and molecular characterization by enterobacterial repetitive intergenic consensus polymerase chain reaction (ERIC-PCR) of *Klebsiella pneumoniae* isolated from a children hospital in Alexandria. PhD.2/3/2021

Yousra Adel Elmaradny Antiviral activity of lectins purified from mushroom extracts against Hepatitis B and C viruses. PhD 12/2021

Marwa Reda Elshahawy Correlation between antibiotic resistance and virulence of *Pseudomonas aeruginosa* clinical isolates from Alexandria. Master 1/2022

Ali Naser Mohamed Gobran Mutations in surface spike protein of Sars CoV2 among patients in Alexandria Egypr. PhD 20/8/2022

Aisha Hamdy Elsayy. Phenotypic and molecular characterization of nasally colonized *Staphylococci*. Master 20/6/2024

Sara Hassan Kamel Deghedy Novel nano-delivery system: Targeted bacterial ghost nano-particles for cancer therapy. Master 11/8/2024

Mona Samir Hussein Clinical pharmacist role in monitoring and preventing chemotherapy drug-food interactions in oncology centers. Master

Pansee Gamaleldin. Comparison of genotypic features between two groups of antibiotic resistant *Klebsiella pneumoniae* clinical isolates obtained before and after the COVID-19 pandemic from Egypt. Master 14/12/2024

Mennatallah Abdelfattah Hammouda. Single nucleotide polymorphism in two cytokines and the response to oxford/astrazeneca COVID-19 vaccine. PhD. 16/12/2024

Samar Farouk Fouad. Molecular characterization of the gut microbiome among Egyptian patients with systemic lupus erythematosus. PhD 14/1/2025

	Hany Shaaban Mousa Isoaltion and characterization of some bacteriophages and study their possible role in controlling the MDR Acenitobacter strains. PhD 26/1/2025 Yomna Mohammed hssan Shekeban. Vonoprazan base therapy versus standard regiment for Helicobacter Pylori infection management. Master. 15/1/2025 Heba Hanie Abdelsalam Elghnamy Isolation, characterization and evaluation of some bioactive products from marine microorganisms with potential biological activities. Master
Teaching Activities	The teaching process 1- Participating with the department's faculty members in teaching the courses of the Department of Microbiology and Immunology 2- Participating with the faculty members of the department in supervising the practical sessions of the courses of the Microbiology and Immunology Department 3- Participating with the faculty members of the department in supervising Tutorials for the subjects (Pharos University) 4- Participating with the department's faculty members in developing the scientific material and developing courses for the subjects 5- Participation with the faculty members of the department in teaching courses for postgraduate studies 6- Carrying out the work of a decided coordinator, including the preparation, Course Specifications, Course Report, Course File, Knowledge etc 7- Participating with the faculty members of the department in setting theoretical and oral examinations for the subjects he participates in teaching 8- Participating with the department's faculty members in correcting the examinations for the subjects 9- Participating with the department's faculty members in preparing lectures 10- Preparing periodic reports for the self-evaluation of faculty members (Pharos University) 11- Supervising the graduation project and participating with the faculty members of the department in discussing the project (Pharos University) 12 - Participation with the faculty members of the college in the control work 13- Participating with the faculty members of the college in supervising the summer training program 14- Meeting periodically with the head of the department and faculty members 15- Participating with the faculty members of the department in preparing a list of new courses for bachelor's students 16- Participating with the faculty members of the department in preparing a list of new courses for postgraduate students 17- Participating in oral examinations for each of the Faculties of Pharmacy in the following universities: Ain Shams, Cairo, Delta, Azhar, Alexandria, Pharos, Mansoura, Kafr El Sheikh, 6th of October, Helwan 18. Participating in teaching Immunology, Biotechnology, Medical Microbiology and Pharmaceutical microbiology courses in Arab Academy for Science and Technology AAST Faculty of Pharmacy since 2020-Present 19- Teaching Infection Prevention and Control master course at Arab Academy for Science and Technology AAST 2019

Committee Memberships /activities	• Member of the Council of Faculty of Pharmacy (Pharos University and Damanhour University) • Member of Education Affairs Committee (Damanhour University) • Head of Scientific Committee (Damanhour University) • Member of listening committees for job applicants (Damanhour University) • Responsible for the Complaints Committee at the Faculty (Pharos University) • Member of the Examinations Committee (Pharos University) • Member of Education Affairs Committee (Damanhour University) • Head of Scientific Committee (Damanhour University) • Member of listening committees for job applicants (Damanhour University) • Member of the selection committee for the ideal student for 2015-present (Damanhour University) • Head of Undergraduate and research Labs Committee • Member of committee responsible for overseeing the establishment of the Faculty of Medicine and the University Hospital, Damanhour University • Member of The Supreme Committee for Research Project Evaluation, Damanhour University
Roles and Responsibilities	□ The Administrative Process .1Preparing study schedules for students (Pharos University) .2Participating in preparing student exam schedules and student distribution schedules for examination committees (Pharos University) .3Participating in the general coordination of the control works in the faculty (Pharos University) .4Participating and then supervising the preparation of clearances for students transferred from other universities to Pharos University. .5Academic advising for students .6General Academic Adviser in the faculty from September 2010 to 2012 (Pharos University) .7Giving several lectures commissioned by the Dean of the College to raise awareness of the mechanism of academic advising and continuous technical support for the academic advisors. (Pharos University) .8Participating in the New Student Orientation Day as the general academic advisor in the faculty (Pharos University) 9. Meeting on a monthly basis with the Vice President for Student Affairs to discuss students' problems and develop a mechanism to solve them (Pharos University) 10. Supervising students in the student conference (Damanhour University) 11. Participation in EPSF awareness courses (Damanhour University) 12. Leader of the adrenaline family (Damanhur University) 13. Head of the Department of Microbiology and Immunology (Damanhour University) 14. Head of Teaching and Learning Standard (Damanhour University) 15. Head of Control (Damanhour University) 16. Participate in preparing the charitable market in the faculty (Damanhour University) 17. Participation in the educational effectiveness project (Damanhour University)

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| | <ol style="list-style-type: none">18. Academic advising for students19. Supervising summer training20. Chairman of the Laboratories Committee and General Supervisor of Research Laboratories (Damanhour University)21. An external reviewer for the undergraduate program to complete the program report at the Faculty of Pharmacy, Alexandria University22. Arbitrator in the Scientific Committee No. 93B of Microbiology and Pharmaceutical Immunology at the Supreme Council of Universities23. Member of the Dean of the Faculty of Pharmacy selection committee, Damanhour University24. Member of the submission committee for accreditation of the Faculty of Pharmacy, Damanhour University25. Head of Central Research Labs26. Member of IMCert project which is a Capacity Building in field of Higher Education action EAC/A02/2019 Erasmus project funded by European Union/ Erasmus27. A reviewer for the undergraduate program to complete the program report at the Faculty of Pharmacy, Damanhour University28- Reviewer of research projects for Elmansoura University and Elsadat University29- Member of the Standing Scientific Committee for the Promotion of Professors and Associate Professors at the Supreme Council of Universities |
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