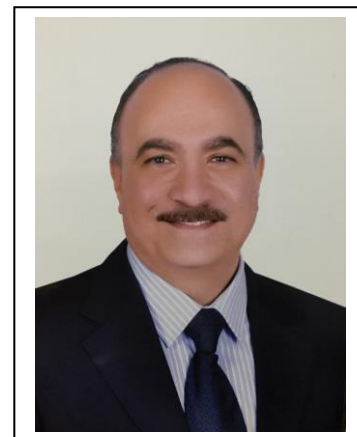


CURRICULM VITAE



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Present Title and Affiliation:

Professor of Microbiology and Immunology,
Faculty of Pharmacy, Ain Shams University
Cairo, Egypt

Academic Background

Degree & Date	Field	Institution
- Ph. D. (1996)	Pharmaceutical Microbiology	Dept. of Microbiology and Immunology, Faculty of pharmacy, Cairo University, Cairo, Egypt.
- M. Sc. (1990)	Pharmaceutical Microbiology	Dept. of Microbiology and Immunology, Faculty of pharmacy, Cairo University, Cairo, Egypt
- B. Sc. (1984)	Pharmaceutical Microbiology	Dept. of Microbiology and Immunology, Faculty of pharmacy, Cairo University, Cairo, Egypt

Visiting other Universities to participate in research work

1. Southern Illinois University, School of Medicine, Internal Medicine, Subdivision of Infectious Diseases, Springfield, IL, USA.

- Work with **Dr. Nancy Khardori**

a. September 1993- December 1995 (Researcher Assistant)

b. August, 1998 for six months (Visitor Professor)

2. Georgia State University, Faculty of Science, Department of Biology, Atlanta, Georgia, USA.

- Work with Dr Ahmed Abdelal, Dr. Donald Ahearn, Dr. Phang Tai, Dr. Shongar Lu.

- From July, 2000 to end of October, 2000

Academic and professional Appointments with dates

1984-1990 Demonstrator , Department of Microbiology , Faculty of Pharmacy, Cairo University, Cairo , Egypt.

1990-1996 Assistant Lecturer, Department of Microbiology, Faculty of Pharmacy, Cairo University, Cairo, Egypt.

1990-1992 Research Associate, Department of Pharm./Microbiology Faculty of Pharmacy , King Saud University, Riyadh, Saudi Arabia.

1993-1995 Ph.D. student in Department of Internal Medicine, Division of Infectious Diseases, Southern Illinois University, School of Medicine . Springfield, Illinois , USA.

1996-1997 Lecturer, Department of Microbiology and Immunology, Faculty of Pharmacy , Cairo University, Cairo , Egypt.

1997-2001 Lecturer, Department of Microbiology and Immunology, Faculty of Pharmacy , Ain-Shams University, Cairo , Egypt.

1998 Postdoctor visitor for **one month** in Department of Internal Medicine, Division of Infectious Diseases, Southern Illinois University, School of Medicine . Springfield, Illinois , USA.

2000 Postdoctor fellowship for **4 months** in Department of Biology, Faculty of Arts and Science, Georgia State University, Atlanta, Georgia, USA

July 2001-August 2002	Associate Professor and head of the department of Microbiology and Immunology, Faculty of Pharmacy, Ain-Shams University
July 2002-June 2006	Associate Professor in the department of Microbiology, Faculty of Pharmacy, King AbdulAziz University
July 2006-June 2010	Professor in the department of Microbiology, Faculty of Pharmacy, King AbdulAziz University
May 2010-Sept 2010	Professor in the department of Microbiology and Immunology, Faculty of Pharmacy, Ain Shams University
Oct 2010-May 2015	Professor in the department of Microbiology, Faculty of Pharmacy, King AbdulAziz University
June 2015-March 2016	Professor and head of Department of Microbiology and Immunology, Faculty of Pharmacy, Ain-Shams University
Nov 2015- March 2018	Vice Dean of Community Services and Environmental Development, Faculty of Pharmacy, Ain-Shams University
March 2018- Sept. 2019	Vice Dean of Education and Students, Faculty of Pharmacy, Ain-Shams University
Sept. 2019-June 2020	Chairman of National Organization for Research and Control of Biologicals (NORCB)
July 2020 – July 2021	Head of Central Administration of Biologicals, Innovators, and Clinical Trials
August 2021- present	Professor of Microbiology and Immunology,

Patency

A global patent was obtained on 23 June 2020 for the manufacture of an anti-bacterial mesh used in surgical operations “**Prosthetic Implantable Antibacterial Surgical Mesh**”.

Teaching Experience

Participate in teaching the following courses:

I. Courses taught at Department of Microbiology and Immunology, Faculty of Pharmacy, Ain-Shams University, Cairo, Egypt

- General microbiology
- Immunology
- Pharmaceutical Microbiology
- Biotechnology and Genetic Engineering
- Medical Microbiology (Bacteriology, virology and Mycology)
- Public health
- Diploma of Pharmaceutical Microbiology
- Diploma of Biotechnology
- Advanced Immunology (Master degree courses)
- Industrial Microbiology (Master degree courses)
- Microbiology quality control (Master degree courses)

II. Courses taught at Department of Microbiology and Immunology, Faculty of Pharmacy, Cairo University, Cairo, Egypt

- Pharmaceutical Microbiology
- Medical Microbiology, Parasitology, Hygiene, and Hematology
- Diploma of Pharmaceutical Microbiology
- Diploma of Industrial Microbiology
- Diploma of Hospital Pharmacy

III. Courses taught at Department of Pharmaceutics/ Microbiology, Faculty of Pharmacy, King Saud University, Riyadh, Saudi Arabia

- MIC. 411 Principles of pharmaceutical Microbiology.
- MIC. 412 Pathogenic Micro-Organisms and public Health.
- path. 413 Diagnostic pathology and Microbiology.

IV. Courses taught at Department of Microbiology and Immunology, Faculty of Pharmacy, Al-Canal University, Ismaelia, Egypt

- Medical Microbiology, parasitology, Hygiene, and Hematology

V. Courses taught at Department of Microbiology and Immunology, Faculty of Pharmacy, 6th October University, 6 October city, Egypt

- General and Pharmaceutical Microbiology
- Public health

VI. Courses taught at Faculty of Pharmacy, King Abdul Aziz University, Jeddah, Saudi Arabia.

- Pharmaceutical Microbiology, PPM 301
- Quality control,
- Pharmaceutical Biotechnology, PNP 421

VI. Courses taught at Faculty of Dentistry , King Abdul Aziz University, Jeddah, Saudi Arabia. For graduate students

- Sterilization and disinfection
- Chemotherapeutic agents

Laboratory and Research Experience

A. protozoology

- Isolation, cultivation, purification, and stock maintenance of *Trichomonas vaginalis*
- Studying the antitrichomonal activity of drugs using a developed cup-plate diffusion technique

B. Bacteriology

- Bacterial growth, identification, and biochemical characterization
- In-vitro susceptibility testing
- In-vitro bactericidal activity of antimicrobial agent
- Therapeutic efficacy of antimicrobial agent (in-vivo studies)
- Effects of antimicrobial combinations
- Mechanism of resistance of the multi-resistance organisms to
- Quinolones and other unrelated antimicrobial agents

C. Immunology

- Effect of drugs on the normal immune capabilities
- Serological techniques including radial immune diffusion, complement fixation, and ELISA techniques
- Cell separation and viability determination
- Hemolytic plague assay
- Studying the anti-inflammatory effect of drugs

D. Molecular Biology, Genetic engineering, and biotechnology

- Isolation of plasmid DNA
- Resolution of DNA plasmid (by electrophoresis)
- Transformation of competent *E. Coli*
- Preparation of outer membrane proteins and their analysis by polyacrylamide gel electrophoresis
- Studying the microbial permeability by uptake technique
- Isolation of DNA gyrase and determination of its susceptibility to quinolones by DNA gyrase assay
- Preparation of clone cells
- Isolation and molecular characterization of chromosomal multidrug resistance gene.
- Microbial production of biological products.
- Environmental control of microbial growth and production of metabolites.
- Improvement of microbial production.

E. Bacterial adherence

- Qualitative and Semiquantitative measurement of glycocalyx production and bacterial adherence
- Establishment of in-vitro mode of catheter colonization

- Studying the effect of drugs on glycocalyx production and bacterial adherence to plastic surfaces and catheters
- Establishment of in-vivo model for studying the therapeutic efficacy of drugs in the treatment of biofilms associated infection
- Establishment of in-vitro model of microbial adherence to human endothelial cells for studying the antiadherent activity of drugs
- Establishment of in-vitro model of microbial counting by rapid ATP assay. This technique was used as rapid technique for counting the adherent cell to catheters

Abstracts and lectures that presented in Conferences

1. El-Tayeb, O.M., El-Kersh, T.A., Shoeb., H.A., and **Yassien, M. A.** (I) Screening for antitrichomonal activity (using a developed cup-plate technique). The pharmaceutical Society of Egypt, Conference of pharmaceutical Society, Cairo , Egypt., 23-26th Feb., 1988.
2. El-Tayeb, O.M., El-kersh, T.A., shoeb., H.A., and **Yassien, M.A.** (II) Factors affecting the antitrichomonal productivity of *Streptomyces violaceolatus* (S48). The pharmaceutical Society of Egypt, Conference of pharmaceutical Sciences, Cairo, Egypt., 25-28th Feb., 1990.
3. El-tayeb, O.M., El-kersh, T.A., shoeb., H.A., and **Yassien, M. A.** (III) A developed synthetic medium for antitrichomonal productivity of *Streptomyces violaceolatus* (S48).The pharmaceutical Society of Egypt, Conference of pharmaceutical Society, Cairo , Egypt., 25-28th Feb., 1990.
4. El-tayeb O.M., El-kersh, T.A., shoeb., H.A., and **Yassien, M. A.**(IV) Selection *Streptomycin violacteolatus* (S48), variants with enhanced antitrichomonal productivity Society, of Egypt., Conference of pharmaceutical Society, Cairo , Egypt., 25-28th Feb., 1990.
5. **Yassien, M.**, Ahmedy, A., Rasmi, S., Khardori, N., and Toama, M . In vitro activity of quinolones against multi- resistant gram negative bacilli in combination with beta-lactams and aminoglycosides. Annual ASM (American Society for Microbiology) meeting, Las Vegas, Nevada, USA. May, 1994.
6. **Yassien, M.**, M., khalifa, A., Toama, M., Garcia, R., and khardori, N. Modulation of the biofilms of *Pseudomonas aeruginosa* by quinolones in an in In vitro model of vascular catheter colonization. ICAAC, Orlando, Florida, USA. October, 1994.
7. **Yassien, M.**, M., khalifa, A., Rabinovich, S., khardori, N. ., and **Toama, M.**, In vitro Antimicrobial susceptibility patterns of the multi- resistant gram-negative isolates.7th European Congress of Clinical Microbiology and Infectious Diseases, Vienna, Austria, March, 1995.
8. **Yassien, M.**, Toama, M., Watabe, k., Rabinovich, S., khardori, N. The role of outer membrane permeability and efflux pump of multi-resistant gram-negative clinical isolates

in their susceptibility to ciprofloxacin. 7th European Congress of Clinical Microbiology and Infectious Diseases, Vienna, Austria, March, 1995.

9. **Yassien, M.**, Ahmady, A., and Khardori, N. Effect of biofilm on the susceptibility *Pseudomonas aeruginosa* to ciprofloxacin, amikacin, and ceftazidime alone and in combination with clarithromycin. Annual ASM Meeting, Washington, D.C.USA. May, 1995.
10. **Yassien, M.**, Watabe, K., Toama, M., and Khardori, N. Outer membrane alterations in the multiresistant mutants of *Pseudomonas aeruginosa*, *klebsiella pneumoniae*, and *Enterobacter cloacae* selected by ciprofloxacin. Annual ASM Meeting, Washington, D.C. USA. May, 1995.
11. **Yassien, M.**, Domst, J., Prasad, P., Soler, R., and khardori, N. The effect of antimicrobial combinations on in vitro activity of gentamicin against *Klebsiella pneumoniae*, *Enterobacter cloacae*, and *Pseudomonas aeruginosa*, isolates. Annual ASM Meeting New Orleans, Florida, USA. May, 1996.
12. **Yassien, M.**, Toama, M., Patel, B., and Khardori, N. The in-vivo activity of ciprofloxacin alone and in combination with clarithromycin against vascular catheter infection due to *Pseudomonas aeruginosa*. 9th International Symposium on Infections in the Immunocompromised Host, Assisi, Italy. 23-26 Jun, 1996.
13. H. Ewis, C. Lu, **M. A. Yassien**, and A.T. Abdelal. Molecular cloning and characterization of a *Salmonella paratyphi B* rna gene that causes multiple-drug resistance in *Escherichia coli*. 41st ICAAC, Chicago, USA. 22-25 December, 2001
14. **M. A.M. Yassien** and S. M. Al-Ansari. Effect of N-acetylcysteine, ambroxol, and bromohexineon biofilm formation and bacterial adherence. 9th International Pharmaceutical Science Meeting and Exposition, Riyadh, Saudi Arabia. 17-21 December, 2005.
15. **M. A.M. Yassien** and S. M. Al-Ansari. Alteration of outer membrane proteins in multiple drug resistance mutants of different gram-negative isolates selected by ciprofloxacin. The 7th International Saudi Pharmaceutical Conference March 19th to 21st, 2007
16. **M. A.M. Yassien**. Genetic engineered vaccines. Continuing Pharmacy Education program. 13 March 2007.
17. **M. A.M. Yassien**. Genetic engineered vaccines. Clinical Microbiology Work Shops and Lecture. 19-20 May 2007.
18. **Mahmoud A.M. Yassien** . Participate in the 1st scientific meeting titles “ Advances in Laboratory Medicine” under supervision of The Saudi Society for Laboratory Medicine. 29-31 October 2007.
18. **M. A.M. Yassien**. Diarrheal Diseases Caused by Bacterial Infections. Infection Prevention and Awareness Symposium. 19 December 2011.

19. **M. A.M. Yassien.** Role of policy of antibiotic use to reduce the development of microbial resistance. Update of Microbiology 2012 Symposium. 20-22 February 2012.
20. **M.M. Yassien.** 2014. “Anti-tuberculous activity of treponemycin produced by *Streptomyces* strain MS-6-6 isolated from Saudi Arabia” (abstract cod.: 70) In III International Conference on Antimicrobial Research - ICAR2014, Madrid (Spain), 1-3 October 2014
21. Noha Salah, Khaled Abu-shanab, **Mahmoud M. Yassien**, Nadia Hassouna. 2016. "Recovery And Characterization Of Polyhydroxyalkanoates Produced By *Bacillus cereus* Isolate P83". (Abstract number: 2913). In the international Conference ASM Microbe 2016, in Boston, Massachusetts, June 16 - 20, 2016.
22. Mahmoud A. M. Yassien, Hossam Mohamed Abdallah, and Ali El-Halawany. 2016. Cytotoxic activity of borrelidin produced by *Streptomyces* strain MS-7-8 isolated from Saudi Arabia. ASM on Beneficial Microbes, Seattle, Washington, USA.
23. Mahmoud A. M. Yassien, Hani Asfour. 2018. Generation of recombinant bioluminescent *Serratia marcescens* for evaluation of bacterial adhesion to soft contact lenses. 8th Global Summit on Microbiology and Infectious Diseases. TBDParis, Ile-de-France, France

The Conferences from 2018 to 2023

المكان	التاريخ	طريقة المشاركة	عنوان المؤتمر	
Semiramis Hotel, Cairo, Egypt	2-3/12/2023	رئيس قاعة	2 nd International Conference of Faculty of Pharmacy Delta University “Future Prospects on Pharmaceutical Research and Healthcare “	1
MASA Hotel, Cairo, Egypt	19-20/11/2023	القاء محاضرة	3 rd International Conference of Faculty of Pharmacy Ain Shams University “Sustainability and Innovation in Pharmaceutical Research and Industry “	2
Cairo, Egypt	4/11/2023	القاء محاضرة	3 rd International Conference of Faculty of Pharmacy, Russian University of Egypt “Sustainability and Innovation in Pharmaceutical Research and Industry “	3
Cairo, Egypt	14-15/5/2023	مشارك في حلقة نقاش	11 th International Scientific Conference Faculty of Pharmacy, Cairo University “Egypt Health Care Vision 2030”	4
Cairo, Egypt	10-11/5/2023	حضور	11 th Annual Ain Shams University Conference	5
Cairo, Egypt	23/2/2023	حضور	Pharmaceutical Medicine Domiciliation in Egypt	6
Alazhar	13-14/9/2022	حضور	The 3 rd International Join Conference of	7

University			Alazhar Faculties of Medicine in Cairo	
Cairo, Egypt	27-29/12/2022	حضور	49 th Annual International Conference for the Association of American Scholars in Partnership with Ain Shams University “Climate Change Solutions, Global Health and Egypt’s Development”	8
Cairo, Egypt	25/1/2022	حضور	Scientific Meeting (online) “Regulation of bacterial virulence as an approach to combat the problem of antibiotic resistance”	9

المكان	التاريخ	طريقة المشاركة	عنوان المؤتمر	
Cairo, Egypt	14-15/9/2021	القاء محاضرة	COVID-19 “Preparing for next pandemic” (Speaker)	10
Cairo, Egypt	21-23/1/2020	رئيس المؤتمر والقاء محاضرة	Harnessing Biotechnology (Speaker and Head of Conference)	11
Sandton, Johannesburg South Africa	5-7/11/2019	حضور	Third General Meeting of the WHO-National Control Laboratory Network for Biologicals	12
Conrad Hotelm Cairom Egypt	23/2/2023	حضور	Pharmaceutical Medicine Domiciliation in Egypt	13
Cairo, Egypt	17-18/1/2019	حضور	11 th Breast, Gynecological and Immunology International Cancer Conference	14

Participate in the following workshop and training courses

1. Leadership and Management in Medical Education. 4-5 June 2011.
2. Quality Standards and Academic accreditation. 2-3 October 2011.
3. Participate in the management of 13 Continuous Pharmacy Education Programs carried out in King Abdulaziz University, Jeddah, Saudi Arabia.

All the trainings and Workshops

المكان	التاريخ	طريقة المشاركة	عنوان المؤتمر	
Online Meeting	12/1/2021	حضور	Launch Meeting of the Joint Guidance on Regulatory Approvals of COVID-19 Vaccine in Africa	1
Cairo, Egypt	9-11/7/2020	حضور	Biotherapeutic Products Centers of Excellence Workshop Under Supervision of WHO	2
Cairo, Egypt	16-17/2/2019	مشارك	Biosimilars	3
Cairo, Egypt	9-13/9/2018	مشارك وحضور	Chemical security vulnerability assessment and risk mitigation for the pharmaceutical industry workshop	4
Cairo, Egypt	15-16/7/2018	حضور	دورة تدريبية بعنوان " الإدارة الفعالة "	5
Jeddah, Saudi Arabia	6-9/4/2015	حضور	The Role of Pharmacist in Developing the Pharmaceutical and Medical Services	6
Jeddah, Saudi Arabia	11/11/2014	حضور	Marine Cyanobacteria in Drug Discovery	7
Jeddah, Saudi Arabia	10/11/2014	حضور	Marine Biotechnology and Drug Discovery	8
Jeddah, Saudi Arabia	12/11/2014	حضور	Symbiosis and Marine Microbial Natural Products	9
Jeddah, Saudi Arabia	6-7/4/2014	حضور	Manager of Leader: Push and Pull Strategy	10
Jeddah, Saudi Arabia	17/2/2014	حضور	OSCE and OSPE	11
Jeddah, Saudi Arabia	13/3/2013	حضور	ملتقى الكتاب " رحلة الى الأبداع..... "	12
Jeddah, Saudi Arabia	29-30/1/2013	حضور	التفكير الابتكاري وحل المشكلات بطريقة غير تقليدية	13
Jeddah, Saudi Arabia	26/4/2013	حضور	Assessment Made Easy	14

المكان	التاريخ	طريقة المشاركة	عنوان المؤتمر	
Jeddah, Saudi Arabia	25/4/2013	حضور	How to Prepare ILO's	15
Jeddah, Saudi Arabia	18/12/2012	حضور	Saudi Digital Library and ISI Web of Knowledge	16
Jeddah, Saudi Arabia	25/12/2012	حضور	Web Endnote as a Reference Management Software	17
Jeddah, Saudi Arabia	16/12/2012	حضور	Exam Blueprinting	18
Jeddah, Saudi Arabia	29/9/2012	حضور	Attend Up ToDate Demonstration and Skill Training	19
Jeddah, Saudi Arabia	4-5/6/2011	حضور	Leadership and Management in Medical Education	20
Jeddah, Saudi Arabia	2-3/10/2011	حضور	Quality Standard and Academic Accreditation	21

Jeddah, Saudi Arabia	19/9/2011	مشارك	Infection Prevention and Awareness Symposium	22
Jeddah, Saudi Arabia	19/5/2010	حضور	Scientific Discussion of Nucleic Acid Amplification techniques and its Applications	23
Jeddah, Saudi Arabia	11-12/3/2009	حضور	Midyear Meeting of Saudi Pharmaceutical Society	24
Jeddah, Saudi Arabia	3/5/2009	مشارك	Antimicrobial Review Symposium	25
Jeddah, Saudi Arabia	29-31/10/2007	مشارك	Advances in Laboratory Medicine	26
Jeddah, Saudi Arabia	5-7/5/2007	مشارك	Clinical Microbiology Laboratory	27
Jeddah, Saudi Arabia	19/11/2006	حضور	التعلم للقيادة	28
Jeddah, Saudi Arabia	22/2/2005	حضور	مهارات التدريس الفعال	29
المكان	التاريخ	طريقة المشاركة	عنوان المؤتمر	
Jeddah, Saudi Arabia	1-3/2/2005	حضور	المهارات الادارية	30
Jeddah, Saudi Arabia	15-16/1/2005	حضور	الجامعة والمجتمع	31
Jeddah, Saudi Arabia	2-5/7/2005	حضور	الاتجاهات الحديثة في التدريس	32
Al Madina Almonawarah, Saudi Arabia	12-15/5/2008	القاء عرض	Annual Program for Continuous Medical Education	33
Cairo, Egypt	15-19/6/2002	حضور	Genotyping of Microorganisms	34
Jeddah, Saudi Arabia	23/10/2002	حضور	Advanced Pharmaceutical Care in Saudi Arabia	35
Cairo, Egypt	8/3/1998	حضور	Training for Preparing Colored Slides for Transparencies	36
Cairo, Egypt	20-25/6/1998	مشارك	Molecular Biology and Genetic Engineering Principles and Progress	37
Cairo, Egypt	5-7/5/1997	حضور	أعداد مشروعات البحوث	38
Jeddah, Saudi Arabia	25/5/2010	حضور	فاعليات يوم البحث العلمي الأول	39
Jeddah, Saudi Arabia	10-12/12/2013	مشاركة في تحكيم	الملتقى العلمي الخامس لطلاب جامعة الملك عبد العزيز	40

Review published

Nancy khardori and **Mahmoud A.M. Yassien** (1995). Biofilms in Device-related infections . Journal of Industrial Microbiology . 15:141-147.

Educational review

1. Nancy Khardori and **Mahmoud A. M. Yassien**. (1998). Microcolonies of bacteria growing on a catheter segment. In American Society for Microbiology, Education.
2. Nancy khardori and **Mahmoud A.M. Yassien 2002**. Biofilm attributes: Beneficial and detrimental. In MicrobeLibrary.Org., An Education Program of American Society of Microbiology.
<http://www.microbelibrary.org/>
3. Nancy khardori and **Mahmoud A.M. Yassien 2002**.*Streptococcus pneumoniae* and *Staphylococci*. In Microbiology and Immunology ON-LINE, An Education Program of American Society of Microbiology.
<http://www.med.sc.edu:85/fox/strep-staph.htm>

Published Manuscripts

1. **Yassien, M A.**, Ahmedy, A., and Khardori, N, and Toama, M. (1995). Modulation of biofilms of *Pseudomonas aeruginosa* by quinolones. Antimicrobial agents and Chemotherapy. 39(10): 2262-2268.
2. Nancy khardori and **Mohmoud A.M. Yassien** . (1995). Tolerance of *Staphylococcus epidermidis* grown from indwelling vascular catheters to antimicrobial agents. Journal of Industrial Microbiology. 15: 148-151.
3. **M. A. Yassien**. (1997). Effect of metal ions and pH on the activity of fluoroquinolones as eradicating agents against biofilm associated *Pseudomonas aeruginosa*. Egypt. J. Biotechnol. 2: 70-82
4. H.H. Radwan and **M. A. Yassien**. (1998). Characterization of dioxane and tetrahydrofuran degrading microorganisms and isolation of responsible plasmid from a locally isolated *Pseudomonas* sp. Az. J. Pharm. Sci., 22:72-81
5. M. H. Elafandy, M. M. El- Mahdy, M. M. Sherif, **M.A. Yassien**. (1999). Aerobic and anaerobic bacteria isolated from blood after immediate complete denture insertion. Ain-Shams Dental Journal 4:363-370
6. **M. A.Yassien** and N. Khardori (1999). Effects of Ciprofloxacin and Protamine Sulfate on the Adherence of *Pseudomonas aeruginosa* to Human Endothelial Cells. Egypt. J. Med. Microbiol. 8: 611-617
7. **M. A. Yassien** and H.H. Radwan. (2000). Outer membrane alterations in multidrug resistant mutant of *Providencia stuartii* selected by norfloxacin. Egypt. J. Biotechnol., 7;180-192
8. **Yassien, M.A.**, Ahmedy, A., and Khardori, N. (2000). Effect of biofilm on the susceptibility *pseudomonas aeruginosa* to ciprofloxacin, amikacin, and ceftazidime alone and in combination with clarithromycin. Al-Azhar J. Pharm. Sci. 43:16-30

- 9. Yassien, M.A.,** Toama, M., patel, B., and Khardori, N. (2000). The in-vivo activity of ciprofloxacin alone and in combination with clarithromycin against vascular catheter infection due to *Pseudomonas aeruginosa*. Al-Azhar J. Pharm. Sci. 43:31-44
- 10. W. Faisal, N.A. Hassouna, M. A. Yassien** (2000). Effect of nicardipine, verapamil, and reserpine on the susceptibility of efflux mediated multidrug resistant *Salmonella paratyphi B* mutant selected by ciprofloxacin. Egypt. J. Biotechnol. 8:208-221.
- 11. M.A. Yassien,** E. N. Ahanotu, D. G. Ahearn (2000). Evaluation of primary adhesion of *Pseudomonas aeruginosa*, *Staphylococcus epidermidis*, and *Serratia marcescens* to soft contact lenses by rapid ATP analysis. Egyptian Journal of Biomedical Science 6:288-298
- 12. M. A. Yassien,** H. Ewis, C. Lu, and A.T. Abdelal (2001). Molecular characterization of a *Salmonella paratyphi B* gene (RoxA) which causes multiple-drug resistance in *Escherichia coli*. Egypt. J. Biotechnol.9:186-199
- 13. M. Yassien** and N. Khardori. (2001). Interaction between biofilms formed by *Staphylococcus epidermidis* and quinolones. Diagnostic Microbiology and Infectious Diseases 40: 79-89.
- 14. M. A. Yassien,** H. Ewis, Chung Dar Lu, and A.T. Abdelal. (2002). Molecular Characterization of *Salmonella paratyphi B* gene (RecA) which confers fluoroquinolone resistance in *Escherichia coli* DH5 α . Egyptian Journal of Biotechnology. **10** : 413-431
- 15. M. A. Yassien,** H. Ewis, Chung Dar Lu, and A.T. Abdelal. (2002). Molecular cloning and characterization of a *Salmonella paratyphi B* rma gene that causes multiple-drug resistance in *Escherichia coli*. Antimicrob. agents Chemother. **46**:360-366
- 16. M. Hafez, N.A. Hassouna, M. A. Yassien.** (2003). Antiadherent activity of *Streptomyces erythrogriseus* against glycogalxy producer *Pseudomonas aeruginosa*. Egypt. J. Biotechnol. **11**:1-27.
- 17. K.M.A.Abo Shanab,N.A.Hassouna, M.A.M. Yassien,** M.M.M.ABO EL-Wafa (2003). Protease production by *Streptomyces pseudoehinosporeus* and *Bacillus megaterium*. N.Egypt.J.Microbiol.**vol.6** (september):33-52.
- 18. K.M.A.Abo Shanab,N.A.Hassouna, M.A.M. Yassien,** M.M.M.ABO EL-Wafa (2003). Characterization of crude protease enzyme produced by *Streptomyces pseudoehinosporeus* and *Bacillus megaterium*. N.Egypt.J.Microbiol.**vol.6** (september):71-84.
- 19. Mahmoud A.M. Yassien** (2003). Generation of Bioluminescent *Pseudomonas aeruginosa* and its usage in the determination of bacterial adhesion by bioluminescence assay. Egypt. J. Biotechnol **15**: 84-100.

20. Soad M. Jaber and **Mahmoud A.M. Yassien**. (2004) . Seroprevalence of *Helicobacter pylori* infection in children in Jeddah, Saudi Arabia. N. Egypt. J. Microbiol **9**:23-40
21. **Mahmoud A.M. Yassien**. (2004). Ambroxol induction of multiple drug in *Pseudomonas aeruginosa* and *Enterobacter cloacae*. Egypt. J. Biotechnol. **18**:1-15.
22. **Mahmoud Yassien** and Nancy Khardori. (2004). Biofilms formation by *Staphylococcus epidermidis* : Modulation by fluoroquinolones. Egypt. J. Biomed. Sci. **16**: 1-21.
23. **Mahmoud Yassien** and Soliman M. Al-Ansari. (2005). Effect on non-steroidal anti-inflammatory and mucolytic agents on the adherence of *Pseudomonas aeruginosa* and *Staphylococcus aureus*. Egypt. J. Biomed. Sci. **17**: 1-23.
24. **Mahmoud Yassien** and Soliman M. Al-Ansari. (2005). Bactericidal activity of levofloxacin alone and in combination with clindamycin and N-acetylcysteine against biofilm *Pseudomonas aeruginosa* and *Staphylococcus aureus* . Egypt. J. Biomed. Sci. **19**:99-112.
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Research Projects

Project (1)

Title

“Development of multiple drug resistance in Gram negative bacteria”

From October 2001 to September 2003

Funded by Arab Pharmacist Union

Project (2)

Title

“Studies on the prevention of bacterial adherence to mammalian cells”

From 2000/ 2001 to 2001/2002

Funded by the scientific committee of Community Services and Environmental Development, Faculty of Pharmacy, Ain-Shams University

Project (3)

Title

"Studies on the prevention of adherence of biofilm associated bacteria to human cells and implanted medical devices" .

From August 2003 to July 2005

Funded by University Vice Presidency for Postgraduate Studies and Scientific Research, King Abdulaziz University, Jeddah, Saudi Arabia

Project (4)

Title

“Development of multiple-drug resistance in gram negative bacteria” .

From January 2006 to December 2006

Funded by Research and Consulting Institute, Research, King Abdul-Aziz University, Jeddah, Saudi Arabia

Project (5)

Title

“Postantibiotic effects of different antimicrobial agents on gram-negative clinical isolates”

From January 2008 to December 2008

Funded by Research and Consulting Institute, Research, King Abdul-Aziz University, Jeddah, Saudi Arabia

Project (6)

Title

“Studies on the production of proteases by locally isolated organisms.” .

From January 2009 to September 2009

Funded by Research and Consulting Institute, Research, King Abdul-Aziz University, Jeddah, Saudi Arabia

Project (7)

Title

“Production of Glucose Isomerase by Locally Isolated Organisms.”

From January 2010 to December 2010

Funded by Research and Consulting Institute, Research, King Abdul-Aziz University, Jeddah, Saudi Arabia

Project (8)

Title

“Production of α -amylases by *Streptomyces* Strains Isolated from West Area of Saudi Arabia.”

From March 2011 to February 2012

Funded by Research and Consulting Institute, Research, King Abdul-Aziz University, Jeddah, Saudi Arabia

Project (9)

Title

“Cellulase Production by *Streptomyces* Strains Isolated from West Area of Saudi Arabia.”

From March 2012 to February 2013

Funded by Research and Consulting Institute, Research, King Abdul-Aziz University, Jeddah, Saudi Arabia

Project (10)

Title

“Improvement of the efficiency of glucose isomerase from *Streptomyces albaduncus* ..”

From April 2012 to February 2013

Funded by Research and Consulting Institute, Research, King Abdul-Aziz University, Jeddah, Saudi Arabia

Project (11)

Title

“Studies on the anticancer and antimicrobial activity of locally isolated *Streptomyces* from West Area of Saudi Arabia

From May 2013 to April 2015

Funded by King Abdulaziz City for Science and Technology, Saudi Arabia

Project (12)

Title

“Generation of bioluminescent bacteria for determination of bacterial adhesion to the surface of contact lenses.”

From February 2013 to November 2013

Funded by Research and Consulting Institute, Research, King Abdul-Aziz University, Jeddah, Saudi Arabia

Project (13)

Title

“Use of Nanotechnology to Innovate a Prosthetic Hernia Mesh Usable in Contaminated Surgical Fields.”

From May 2014 for 2 years

Funded by King Abdulaziz City for Science and Technology, Saudi Arabia

Project (14)

Title

“The role of RecA in the development of *Salmonella typhi* resistance to fluoroquinolones.”

From May 2014 to February 2015

Funded by Research and Consulting Institute, Research, King Abdul-Aziz University, Jeddah, Saudi Arabia

Project (15)

Title

" Cellulase Production by locally Isolated bacteria"

From 2015/ 2016 to 2016/2017

Funded by the scientific committee of Community Services and Environmental Development, Faculty of Pharmacy, Ain-Shams University

Project (16)

Title

Cloning and expression of certain gene(s) putatively involved in acyl homoserine lactone quorum quenching activity as a new approach for infection control

From December 2016 to November 2017

Funded by the scientific committee of Community Services and Environmental Development, Faculty of Pharmacy, Ain-Shams University

Project (17)

Title

“Studies on cytotoxic activity of *Streptomyces* species isolated from soil”.

From December 2018 for 2 years

Funded by the scientific committee of Community Services and Environmental Development, Faculty of Pharmacy, Ain-Shams University

Participate in the following committee

1. The Head of Standing Scientific Committee for Pharmaceutical Microbiology and Immunology for Promotions (2019 – present)
2. Committee for preparing the strategic plan for Ain Shams University (2017-2019)
3. Participated in the evaluation of the equivalent certificates sent by the Supreme Council of Universities, May 2016 – August 2019.
4. Medicines Pricing Committee of the Egyptian Medicines Authority (2018-2020)
5. The Scientific Committee for Biopharmaceuticals at the Egyptian Medicines Authority (2018-2020)
6. The Technical Committee for Drug Control at the Egyptian Medicines Authority (2019-2020)

7. Scientific Research Ethics Committee at the Ministry of Health and Population (2019-present)
8. Scientific Research Ethics Committee, Faculty of Pharmacy, Ain Shams University (Jan 2023-present)

السيرة الذاتية

الاسم : محمود عبد المجيد يس
محل الميلاد : القاهرة
الوظيفة الحالية : أستاذ بقسم الميكروبيولوجيا - كلية الصيدلة
- جامعة عين شمس
المؤهلات العلمية :

1. بكالوريوس العلوم الصيدلانية بتقدير ممتاز مع مرتبة الشرف - مايو 1984
- كلية الصيدلة - جامعة القاهرة

2. ماجستير في العلوم الصيدلانية (ميكروبيولوجي) - مايو 1990 - كلية
الصيدلة - جامعة القاهرة

عنوان الرسالة

"دراسات عن نشاط ميكروبات معزولة محليا ضد الأوليات "

" Studies on the antiprotozoal activity of locally isolated
microorganisms "

3. دكتوراه في العلوم الصيدلانية (ميكروبيولوجي ومناعه) - مايو 1996 - كلية
الصيدلة - جامعة القاهرة

عنوان الرسالة

" فاعلية مركبات الكينولون ضد العزلات الاكلينيكية ، المنتشرة في

المستشفيات المصرية، المقاومة لمضادات الميكروبات "

" Activity of quinolones against antimicrobial-resistant
clinical isolates prevalent in Egyptian hospitals "

التدرج الوظيفي :

الوظيفة	من	إلى
• معيد بقسم الميكروبيولوجي - كلية الصيدلة- جامعة القاهرة	ديسمبر 1984	سبتمبر 1990
• مدرس مساعد بقسم الميكروبيولوجي - كلية الصيدلة- جامعة القاهرة	سبتمبر 1990	يونيو 1996
• مدرس بقسم الميكروبيولوجي و المناعة - كلية الصيدلة- جامعة القاهرة	يونيو 1996	يوليو 1997
• مدرس بقسم الميكروبيولوجي و المناعة - كلية الصيدلة- جامعة عين شمس	يوليو 1997	يونيو 2001
• أستاذ مساعد ورئيس قسم الميكروبيولوجيا - كلية الصيدلة- جامعة عين شمس	يوليو 2001	يونيو 2006
• أستاذ بقسم الميكروبيولوجيا - كلية الصيدلة- جامعة الملك عبد العزيز	يوليو 2006	مايو 2010
• أستاذ بقسم الميكروبيولوجيا والمناعة - كلية الصيدلة- جامعة عين شمس	يونيو 2010	اغسطس 2010
• أستاذ بقسم الميكروبيولوجيا - كلية الصيدلة- جامعة الملك عبد العزيز	سبتمبر 2010	مايو 2015
• أستاذ و رئيس قسم الميكروبيولوجيا والمناعة - كلية الصيدلة- جامعة عين شمس	يونيو 2015	مارس 2016
• أستاذ و وكيل الكلية لشئون خدمة المجتمع وتنمية البيئة- كلية الصيدلة- جامعة عين شمس	نوفمبر 2015	حتى الآن
• أستاذ و وكيل الكلية لشئون التعليم والطلاب- كلية الصيدلة- جامعة عين شمس	6 أبريل 2018	حتى الآن
• رئيس مجلس ادارة الهيئة القومية للبحوث والرقابة على المستحضرات الحيوية	18 سبتمبر 2019	حتى يونية 2020
• رئيس الإدارة المركزية للمستحضرات الحيوية والمبتكرة والدراسات السريرية بهيئة الدواء المصرية	1 يوليو 2020	يوليو 2021
• استاذ بكلية الصيدلة جامعة عين شمس	اغسطس 2021	حتى الآن

السفريات العلمية

- لإستكمال دراسة الدكتوراه تم السفر إلى كلية الطب جامعة جنوب إلينوي بمدينة سرنجفيلد - ولاية إلينوي الولايات المتحدة الأمريكية خلال فترة من سبتمبر 1993 حتى ديسمبر 1995
- تم السفر الي كلية الطب بجامعة جنوب إلينوي بمدينة سرنجفيلد - ولاية إلينوي - الولايات المتحدة الأمريكية وذلك لمدة شهر بداية من سبتمبر 1998 لاستكمال بحث مشترك مع أ.د. نانسي كاردوري استاذ و رئيس قسم الباطنة بكلية الطب.
- تم السفر في مهمة علمية كأستاذ زائر لمدة أربعة شهور كلية العلوم جامعة ولاية جورجيا بالولايات المتحدة الأمريكية خلال الفترة من يوليو 2000 حتى أكتوبر 2000 للقيام ببعض الأبحاث المتعلقة بمجال البيولوجيا الجزيئية بقسم البيولوجي.

الجوائز التي حصل عليها

الاسم	الكلية	المصدر	اسم الجائزة	السنة
أ.د. محمود عبد المجيد يس	كلية الصيدلة / الميكروبيولوجيا	جامعة عين شمس	جائزة النشر العلمي	2000 م
أ.د. محمود عبد المجيد يس	كلية الصيدلة / الميكروبيولوجيا	جامعة الملك عبد العزيز	جائزة النشر العلمي	2014 م

براءة الإختراع

تم الحصول مع فريق الباحثين برئاسة الأستاذ الدكتور عبد الملك أطف استاذ الجراحة بكلية الطب جامعة الملك عبد العزيز بالسعودية على تسجيل براءة اختراع عالميا 23 بتاريخ يونيو 2020 لتصنيع شبكة مضادة للبكتريا تستخدم في العمليات الجراحية (Prosthetic Implantable Antibacterial Surgical Mesh).

اللجان المشارك بها خارج كلية الصيدلة

1. مقرر اللجنة العلمية الدائمة للميكروبيولوجيا الصيدلانية والمناعة للترقيات 2019/9 - حتى الآن
2. لجنة اعداد الخطة الإستراتيجية لجامعة عين شمس 2017-2019
3. شارك في تقييم الشهادات المعادلة المرسله من قبل المجلس الأعلى للجامعات مايو 2016 - اغسطس 2019
4. لجنة تسعيرة الأدوية بهيئة الدواء المصرية 2018 - مارس 2020
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