

Personal Data

CURRICULUM VITAE

Name : **Khaled Mohamed Anwar Aboshanab**
D.O.B : 27.08.1973
Place of birth : EL-Behira -Egypt
Nationality : Egyptian
Marital Status : Married
Title :
-Vice Dean for post graduate studies and Scientific Research, Faculty of pharmacy, Ain Shams University.
-Professor of Microbiology and Immunology Department, Faculty of Pharmacy, Ain Shams University.
-Former Director of Quality Assurance Unit, Faculty of Pharmacy, Ain Shams University
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Scopus Author ID	36140187000
Scopus H Index	10
Google scholar ID	https://scholar.google.com/citations?user=zXFaTBQAAAAJ&hl=en
H-Index	13
Researchgate ID	https://www.researchgate.net/profile/Khaled_Aboshanab2
Researchgate H-index	23.28

Research Interests:

- Microbial genetics and antimicrobial resistance
- Biotechnology and genetics of antibiotics producing microorganisms (aminoglycoside antibiotic biosynthetic gene clusters, biocombinatorial synthesis, biopolymers, and antifungal antibiotics).
- Quorum sensing and phage therapy
- Microbial biotransformation
- Vaccine development and bioinformatics

Education

May 1996	Bachelor (BSc) of Pharmaceutical Sciences, 1996 (Distinction honor).	Faculty of Pharmacy, Alexandria University
Mars 2001	Master (MSc) of Pharmaceutical Sciences (Microbiology and Immunology) Thesis topic: “ <i>Production of microbial proteases</i> ”.	Faculty of Pharmacy, Ain Shams University
July 2005	Ph.D. Molecular biology and Biotechnology Thesis topic: “ <i>Genetic studies on the biosynthesis of the major aminoglycoside antibiotics: Isolation, analysis and comparison of the biosynthetic gene clusters for 12 aminoglycoside antibiotics</i> ”	Bergische Universität Wuppertal, Germany

Professional Experience

- **Nov. 1996 – Mars 2001** **Teaching Assistant**, Faculty of Pharmacy, Ain-Shams University.
 - **April 2001- Dec. 2005.** **Assistant Lecturer**, Faculty of Pharmacy, Ain-Shams University.
 - **Jan. 2006- Mars 2012** **Lecturer** of Microbiology and Immunology, Faculty of Pharmacy, Ain-Shams University.
 - **April 2012-Mars 2017** **Assistant Professor** of Microbiology & Immunology, Ain Shams University.
 - **August 2013-Jul 2014** **Acting Head** of Microbiology & Immunology, Faculty of Pharmacy, Ain-Shams University.
 - **Oct. 2013-Oct 2017** **Director of Quality Assurance Unit**, Faculty of Pharmacy, Ain-Shams University.
 - **April 2017- now** **Professor** of Microbiology & Immunology, Faculty of Pharmacy, Ain-Shams University.
 - **May 2018-now** **Vice Dean** for Postgraduate Affairs and Scientific Research, Faculty of Pharmacy, Ain Shams University.
 - **September 2020-6th** **Acting Dean** Faculty of Pharmacy, Ain Shams University.
- April 2021

Languages

- **English** **Excellent.**
- **Germany** **Good**
- Sep 2000- Dec. 2000, Grundstufe II, Goethe institute in Cairo.
- Jan 2001-April 20001 (Mittelstufe III Goethe institute in Düsseldorf, Germany).

Practice and Experimental work

- General microbiological treatment (culturing and maintaining defined strains and testing their phenotypic properties).
- General molecular genetics (protoplasting, regeneration, transformation with plasmid DNA, selection of transformants and mutants).

- Construction and transformation of recombinant plasmids, overexpression in different host systems, protein analysis by gel electrophoresis, Western blotting and Ni-NTA adsorption of His-tagged proteins.

- PCR, Southern Blotting and hybridization, DNA sequencing by automated Sanger sequencing, etc.
- Enzymological procedures to test for aminotransferases, dehydrogenases, carbocycling enzymes.

- Microbial biotransformation
- Phenotypic and Genotypic studies on microbial resistance towards various antimicrobial agents.
- Biotechnological productions of Biopolymers (Bio-plastics) and bio-insecticide (Rhamnolipids)
- Preparation and quality assessment of Viral vaccines
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Technical experience and Skills

- Computer skills: Microsoft Office Applications, Adobe Photoshop & Chemdraw ultra-8.
- Languages: Arabic (native), English (very good) and German (MS II).
- Computer-assisted analysis of DNA and protein sequences such as:
 - Staden Package** (Staden 1996; <http://staden.sourceforge.net/>),
 - FramePlot** (Ishikawa and Hotta, 1999; <http://www.nih.gov/~jun/cgi-bin/frameplot.pl>),
 - Clustal W** (Thompson *et al.*, 1994; <http://www2.ebi.ac.uk/clustalw/>),
 - Nucleic acids research** (SMART; Letunic *et al.*, 2004; http://nar.oupjournals.org/cgi/content/full/32/suppl_1/D142),
 - BioEdit Sequence Alignment Editor Sequence Manipulation Suite** (<http://www.cbio.psu.edu/sms/index.html>),
 - Mac-plasmap** (CGC Scientific. Inc.),
 - DNA-STRIDER™** 1.2 (Marck, 1988).
 - Restriction enzyme analysis:** Restriction Enzyme Site Mapper version 3 (<http://www.restrictionmapper.org/>); Webcutter 2.0 (**Error! Hyperlink reference not valid.**)
 - PCR:** PRIMER-FIND 3.0 (Fröbel Labor-Geräte, Lindau); pDRAW32 (<http://www.acaclone.com>); and Primer X (<http://bioinformatics.org/primerx/>).
 - Swiss_modelling** (prediction and analysis of protein structure and Classifications).

Scientific Membership		
1	American Society of Microbiology (ASM) at the Contributing Membership level, a global community	membership number is: 200179329
2	Founder of the Internation Culture Collections Ain Shams University (CCASU) http://www.wfcc.info/ccinfo/collection/col_by_country/e/20/ on World Data Center For Microorganisms (WDCM) http://www.wfcc.info/ccinfo/detail	Registration number 1186 رقم ايداع دولى 1186
3	Directory Open Access Journals (DOAJ) https://doaj.org/	membership number (Publisher) is: Hi23568380
4	Reviewer of Science, Technology, Innovation, Fundung Authority (STIFA)	Member ID 19542
5	Egyption Socity of Biotechnology ٤٢٠٦ لسنة بالجمعية المصرية للتكنولوجيا الحيوية المشهورة برقم ١٩٩٥	عضوا
6	Egyptian network for Research Ethics Committee (ENREC)	عضوا
7	Membership of Egyptian Pharmacist Syndicate, Egypt	عضوا
Reviewed Projects and Scientific papers تحكيم رسائل/مشاريع/ ابحاث علمية		
1	Peer Reviewer of the following journals: Infection and Drug resistnce, GENE, PLOS ONE. AMB express, Applied Microbiology and Immunology, Scientific reports, Journal of ophthalmology, Plos Pathogens, Applied Biochemistry and Biotechnology, BMC microbiology, Biomedical research international, Biomedical Research International, BMC biochemistry, Microbes and infectious Disaeses, Journal of Bioinformatics and Sequence analysis, Journal of microbiology and antimicrobials, Agriculture Science research journal, African Journal of Biochemistry, African journal of Microbiology Research, Future Journal of Pharmaceutical science, Bulletin faculty of pharmacy Cairo University, International Research journal of medicine and biomedical sciences,. University of Mauritius Research Journal, Archives of pharmaceutical sciences Ain Shams university, Journal of paediatric infectious diseases, Al Azhar journal of Microbiology, Clinical epidemiology, Microbiology	
2	Project Evaulation: STDF project (ID 33391) at 30 October 2018 and STDF proposal ID at 22 December 2018, ID 44025 at 16.09.2020	
3	External Examiner for many Master and PhD thesis from faculty of pharmacy of Cairo University, Suez Canal University, Al Azhar University, and Tanta University - تحكيم رساله دكتوراه من دولة ماليزيا <u>THESIS ONLINE SYSTEM; UPM University, Malaysia</u> (Sekolah Pengajian Siswazah (School of Graduates	
4	External Examiner for oral examinations of various faculties of pharmacy, of different universities such as: Cairo, Alexandria, Al-Azhar (Boys & Girls), El-Mansoura, Tanta, Helwan, Sina, Ahram Canadian (ACU), Miser International (MIU), EL-Nahada University, Misr University for Science and Arts (MSA), Delta University, FUE, RUE.	

SUPERVISED SCIENTIFIC THESES

اولا: الإشراف على الرسائل العلمية داخل الكلية:

ا. رسائل الدكتوراة

Nr	Name of candidate	degree	Theses title	remarks
1	Sayed Emad El-Din El-Sayed Assistant Lecturer, Faculty of Pharmacy, Ahram Canadian University (ACU) (2021)	PhD	In vitro and in vivo studies on the activities of some antifungal metabolites produced by some bacilli isolates	Under work
2	Samar Sayed Mabrouk Assistant Lecturer, Faculty of Pharmacy, Ahram Canadian University (ACU) (2021)	PhD	Study of different approaches used to combat multi- drug carbapenem resistant Gram negative pathogens”	Under work
3	Amira A. Abdebaset National Centre for Radiation Research and Technology (NCRRT), Drug Radiation Research Department, Egyptian Atomic Energy Authority (EAEA), Ahmed El-Zomor Street, Nasr city, Cairo, 11787, Egypt (2021)	PhD	Bacterial and gamma radiation synthesis of iron oxide nanoparticles for medical applications	Under work
4	Radwa Nour Eldeen Morgan National Centre for Radiation Research and Technology (NCRRT), Drug Radiation Research Department, Egyptian Atomic Energy Authority (EAEA), Ahmed El-Zomor Street, Nasr city, Cairo, 11787, Egypt (2021)	PhD	In vitro study on the effect of Pseudomonas aeruginosa exotoxin A in combination with gamma radiation on cancer cell line (s)	Under work
5	Ann Aymen Elshamy Assistant Lecature, Faculty of Pharmacy Ain Shams University (2019)	PhD	Molecular characterization of plasmid mediated carbapenem resistance of some Gram negative uropathogens”	Under work
6	Mohammed A. Elkhateeb Research assistant of Microbiology and Immunology Manager Of Safety and bioassay lab. Egyptian Drug Authority (EDA) (2020)	PhD	Production and assessment of Meningococcal Vaccine	Under work
7	Shaza Mohamed Elhusseiny Bachelor of Pharmaceutical Sciences, Ahram Canadian University (ACU), (2011) Masters of Pharmaceutical Sciences, Cairo University (2019)	PhD	Immunomodulatory Effects Of Certain Fungal Metabolites On Some Selected Cancer Or Viral Infected Cell Lines	Awarded in 2022
8	Asmaa Atef Zaki,	PhD	Bioprocess Engineering for the production of cephalosporin C by	Under work

	Bachelor of pharmaceutical science, Demonstrator Faculty of Pharmacy, Ain Shams University, /Master 2014 (2019)		Acromonium chrysogenium Strain W42	
9	Mostafa Ahmed Mohammed Ahmed Master of Microbiology and Immunology, Faculty of Pharmacy, Al- Azhar University, Assiut (2018)	PhD	Molecular characterization of resistance mechanisms to fluoroquinolones of some Acinetobacter baumannii clinical isolates in Upper Egypt	Awarded 2020
10	Rania saied El-Housseiny, Assistant lecturer, of Pharmacy, Ain Shams University, 2010 Master 2014 (Microbiology & Immunology) (2018)	PhD	Prevalence and molecular mechanism of occult Hepatitis B virus infection	Under work
11	Amr Shaker Meselhy MSc pharmaceutical science, Demonstrator Faculty of Pharmacy, Ain Shams University, / 2015	PhD	Molecular and physiological characterization of bacterial macrolide resistance mechanisms as an approach of infection control	Awarded 2020
12	Salma Mostafa Abdelaziz MSc pharmaceutical science, Demonstrator Faculty of Pharmacy, Ain Shams University, /Master 2015	PhD	Characterization of antimicrobial resistance Mechanisms(s) in some multi-drug resistant lower respiratory tract bacterial pathogens	Awarded 2021
13	Yomna Nagay Elkholy Assistant lecturer Faculty of Pharmacy, Ain Shams University, /2015 (2015)	PhD	Studies on antimicrobial activity of some bacterial isolates against extended spectrum beta lactamases producing Gram negative bacteria	awarded 2019
14	Noha Ahmed Kamel Ahmed, research assistance, faculty of pharmacy, MIU university, Egypt/2014 (2014)	PhD	“phenotypic screening and molecular characterization of carbapenem resistance of certain pathogenic Gram negative isolates in Egypt”	Awarded in 2018
15	Masarra Mohammad Abo-el-soud Sakrm, Assistant lecturer Faculty of Pharmacy, Ain Shams University, /2014	PhD	Cloning and Expression of certain gene(s) putatively involved in acylhomoserine lactone quorum quenching activities as a new approach for infection control	Awarded in 2018
16	Noha Salah Elsayed,	PhD	Production and characterization of polyhydroxyalkanoates biopolymer(s) produced by	Awarded in 2018

	Assitant lecturer Faculty of Pharmacy, Ain Shams University, /2014		<i>Acinetobacter baumannii</i> isolate P39, <i>Bacillus cereus</i> P83 and <i>Azomonas macrocytogenes</i> P173	
16	Ahmed Saeed Abuzeid, Assistant lecturer, of Pharmacy, Ain Shams University, 2013	PhD	Characterization and production improvement of cytotoxic agent(s) produced by <i>Streptomyces parvus</i> isolate S86 and <i>Streptomyces griseus</i> isolate S131	Awarded in 2018
17	Younna Nagy Hussien, Assistant lecturer, of Pharmacy, Ain Shams University, 2013	PhD	Study on the production of beta-lactamase(s) inhibitors from soil microbiota	Awarded in 2019
18	Ahmed Mohamed Abass, Assistant lecturer, of Pharmacy, Ain Shams University, 2012	PhD	Bioprocess development of calcitrol production from Vitamin D3 for industrial application using <i>Actinomyces hyovaginalis</i> strain	Awarded in 2018
19	Samira Hamed Mohamed research assistance, faculty of pharmacy, MSA university, 6 th October, /Master, 2014	PhD	“Fluoroquinolones Resistance and its Potential Underlying Mechanisms in some Gram Negative Isolates Recovered from Cancer Patients ”	Awarded in 2018
20	Ghadir saied El-Housseiny, Assistant lecturer, of Pharmacy, Ain Shams University, 2010	PhD	Improvement and Scaling up of Rhamnolipid production by a <i>Pseudomonas aeruginosa</i> isolate	Awarded in 2015
21	Sarra Ebrahim Saleh Mohammed, Assistant lecturer, of Pharmacy, Ain Shams University, 2012	PhD	Studies on interaction between certain microbial species isolated from mixed infections	Awarded in 2015
ب. رسائل الماجستير				
1	Ann Ayman Ibrahim El-Sayed Ibrahim El-Shamy Bachelor of Pharmaceutical Sciences Demonstrator Faculty of Pharmacy, Ain Shams University, /Master 2015	MSc	Phenotypic and genotypic studies on Antimicrobial Resistance of Certain Clinically Relevant Urinary tract bacterial pathogens	Awarded in 2019
2	Asmaa Atef Zaki, Bacholer of pharmaceutical science, Demonstrator Faculty of Pharmacy, Ain Shams University, /Master 2014	MSc	A study on the production of certain 2-deoxystreptamine containing aminoglycoside antibiotics	Awarded in 2019

3	Ayaa Said Mohamoud Hashim , Bachelor of Pharmaceutical science 2011, NOCTAR, 2013	MSc	Experimental preparation of Killed-Rotavirus vaccine and evaluation of immune potential compared to current available rota virus vaccine	Awarded in 2017
4	Mona Mustafa Abdelkader Abdelalim , Bachelor of Pharmaceutical science 2009, German University in Cairo (GUC), 2011	MSc	Phenotypic and genotypic studies on antimicrobial resistance of some bacteria causing septic meningitis	Awarded in 2017
5	Mona Mohammed Hesham El-Gayar , Bachelor of pharmaceutical science, Demonstrator Faculty of Pharmacy, Ain Shams University, /Master 2010	MSc	Alternative Approaches for the control of Methicillin resistant <i>Staphylococcus aureus</i> .	Awarded in 2015
6	Manar Mostafa Ahmed , Bachelor of pharmaceutical science, Demonstrator Faculty of Pharmacy, Sinai University, /Master 2010	MSc	Identification of dimerization interaction of certain Type VII secretion system membrane Proteins in <i>Staphylococcus aureus</i> : A new approach for virulence control..	Awarded in 2018
7	Salma Mustafa Mohammad Abdel-aziz , Bachelor of pharmaceutical science, Demonstrator Faculty of Pharmacy, Ain Shams University, /Master 2012	MSc	Phenotypic and genotypic studies on antimicrobial resistance of lower respiratory tract bacterial pathogens	Awarded in 2015
8	Amr Shaker Meselhy Bachelor of pharmaceutical science, Demonstrator Faculty of Pharmacy, Ain Shams University, /Master 2010	MSc	Phenotypic and genotypic studies on resistance to macrolides in certain bacterial involved in respiratory tract infection	Awarded in 2014
9	Masarra Mohammad Abo-el-soud Sakrm , Bachelor of Pharmaceutical Sciences, Demonstrator Faculty of Pharmacy, Ain Shams University, /Master 2006	MSc	Inactivation of <i>Pseudomonas aeruginosa</i> quorum sensing signals by some soil bacterial isolates	Awarded in 2013
10	Samira Hamed Mohamed research assistance, faculty of pharmacy, MSA university, 6 th October, /Master, 2008	MSc	“Genotypic and Phenotypic Studies on Bacterial Resistance to 2DOS-containing Aminoglycoside Antibiotics in	Awarded in 2013

			certain Uropathogenic Gram Negative Bacteria”	
11	Noha Salah Elsayed, Bachelor of Pharmaceutical Sciences, Demonstrator Faculty of Pharmacy, Ain Shams University, /Master 2010	MSc	Studies on bacterial production of poly-β-hydroxybutyrate”	Awarded in 2014
12	Noha Ahmed Kamel Ahmed, research assistance, faculty of pharmacy, MIU university, Egypt/Master, 2007	MSc	“Genotypic and phenotypic studies on antimicrobial resistance of aerobic bacteria involved in diabetic foot infections”	Awarded in 2013
13	Ahmed Mohamed Abass Bachelor of Pharmaceutical Sciences, Demonstrator Faculty of Pharmacy, Ain Shams University, /2006	MSc	Microbial biotransformation of vitamin D3 into biologically active 1 alpha,25-dihydroxyvitamin D3	Awarded in 2011
14	Amira Abuzeid Abdelbaset Bachelor of Pharmaceutical sciences, 2007 Pharmacist at National Centre for Radiation Research and Technology (NCRRT)	MSc	“Early prediction of Gram negative bacteremia in febrile cancer patients: Correlation between some inflammatory mediators, exposure to gamma radiation and severity of infection”	Awarded in 2016
15	May Mohamed Awad Bachelor of Pharmaceutical Sciences, 2010 National research Center	MSc	Isolation and characterization of some potential probiotic candidates for the control of <i>Clostridium difficile</i> infection	Awarded in 2017
16	Walaa Mohammad Mohammad Khalil Rashed Bachelor of Pharmaceutical Sciences 2010 Deputy of Technical manager of Pyrogen and Safety Subunit National Organization For Research and Control of Biologicals	MSc	A comparative study between in vivo and in vitro methods for potency evaluation of Rabies vaccine preparations	Awarded in 2022
17	Reem Abu El-Fath Ragab Allam Youssef Bachelor Degree in pharmacy & Pharmaceutical Sciences Faculty of Pharmacy, Ahram Canadian university (2018)	MSc	"Phenotypic and genotypic characterization of Salmonella serovars isolated from humans and animals and studying the clonal relationship using RAPD and ERIC PCR"	Awarded 2021
18	Sayed Emad El-Din El-Sayed	MSc	Production and characterization of some antifungal metabolites	Awarded 2020

	Bachelor of Pharmaceutical Sciences, Ahram Canadian University (ACU) (2017)		produced by <i>Alcaligenes</i> and <i>Lysinibacilli</i> isolates	
19	Esraa M Abdalla Bachelor of Pharmaceutical Sciences, Demonstrator Faculty of Pharmacy, Ain Shams University, /2017	MSc	Isolation and Characterization of Bacteriophages Active against MRSA Clinical Isolates	Awarded 2021
20	Rana Ashraf Elmesseri (2020) Bachelor of Pharmaceutical Sciences Faculty of Pharmacy, Misr International University (MIU) (2019)	MSc	Evaluating the association between the inhibition of staphyloxanthin production and the virulence of methicillin – resistant staphylococcus aureus isolates as an approach for infection control	Under work
21	Shimaa Hamdy Mostafa Bachelor of Pharmaceutical Sciences Faculty of Pharmacy, Ain Shams University (2019)	MSc	Study on Antimicrobial Resistance Pattern of Bacterial Pathogens Recovered from Patients Diagnosed with Fever of Unknown Origin	Under work
22	Hager Othman Abdelsadek Bachelor of Pharmaceutical Sciences Faculty of Pharmacy, 6 October University for Modern Sciences and Arts (2020)	MSc	Study of the Antimicrobial Activity of Encapsulated Nanoparticles against Multidrug Resistant <i>Pseudomonas aeruginosa</i>	Under work
23	Hadeel Khaled Mohamed Bachelor of Pharmaceutical Sciences Faculty of Pharmacy, Ain Shams University (2020)	MSc	Isolation and evaluation of antibacterial activities of fortimicin(s) produced by <i>Micromonospora olivastrospora</i> DSM 43868 against multidrug resistant pathogens”	Under work
24	Sarra Shokry Soliman Bachelor of Pharmaceutical Sciences Faculty of Pharmacy, Ain Shams University 2017 (2020)	MSc	Generation of a reverse genetics-based highly propagative candidate vaccine strains against seasonal influenza A/H3N2 viruses	Under work
25	Nancy Gamil Banoub Bachelor of Pharmaceutical Sciences Faculty of Pharmacy, Heliopolis University 2017 (2020)	MSc	Study on different approaches that can be used to combat resistance caused by MDR <i>Acinetobacter baumannii</i> pathogens	Awarded 2021
26	Nagwa Osama Mohamed Bachelor of Pharmaceutical Sciences Faculty of Pharmacy, RUE 2017	MSc	Phenotypic and genotypic studies on vancomycin resistant <i>Staphylococcus aureus</i>	Under work

(2020)				
27	Mirette Amir Fayed Bachelor of Pharmaceutical Sciences Faculty of Pharmacy, Ain Shams University (2021)	MSc	Comparative Study of Molecular, Serological and Biochemical Techniques used in the diagnosis of Covid-19	Under work
28	Marina Hosam Bishara Bachelor of Pharmaceutical Sciences Faculty of Pharmacy, Ain Shams University (2021)	MSc	Determination and Quality control of certain mycotoxins in food and food supplements	Under work
29	Amany Khaled Ahmed Bachelor of Pharmaceutical Sciences Faculty of Pharmacy, Sinai University (2021)	MSc	Characterization of CRISPR/Cas system in <i>Klebsiella pneumoniae</i> and its correlation to antimicrobial resistance	Under work
30	Aliaa Atef Aziz Bachelor of Pharmaceutical Sciences Faculty of Pharmacy, Ain Shams University (2021)	MSc	Antimicrobial activity and biological evaluation of modified nanoparticles for potential treatment of cancer	Under work
31	Mariam Zakria Moahmed Bachelor of Pharmaceutical Sciences Faculty of Pharmacy, Ain Shams University (2021)	MSc	Synthesis, Characterization and Evaluation of Coated Silver Nanoparticles against Multidrug Resistant Pathogens “	Under work

اولا: الاشراف على الرسائل العلمية خارج الكلية:

Nr	Name of candidate	degree	Theses title	Remarks
1	Nisreen Mohamed Okba Bachelor pharmaceutical Science, Tanta University, Research assistant, Faculty of Pharmacy, Tanta University (girls)/Master 2007	MSc	“Genotypic and phenotypic studies on the biosynthesis of ribostamycin from <i>Streptomyces ribosidificus</i> ”	Awarded in 2012
2	Sally Tohamy kamal Tohamy Assistance lecturer, Department of Microbiology and Immunology Faculty of pharmacy-(Girls), Al-Azhar University	PhD	Characterization of the Antimicrobial Resistance of Gram Negative Bacterial Pathogens involved in Bloodstream Infections in Cancer Patients	Awarded in 2018

(* =Corresponding author)

A. International publications:

1. Shaza M. Elhusseiny, Taghrid S. El-Mahdy, Nooran S. Elleboudy, Ibrahim S. Yahia, Mohamed M. S. Farag, Nasser S.M. Ismail, Mahmoud A. Yassien, **Khaled M. Aboshanab***. In vitro Anti SARS-CoV-2 Activity and Docking Analysis of *Pleurotus ostreatus*, *Lentinula edodes* and *Agaricus bisporus* edible mushrooms. Infection and Drug Resistance 2022, (accepted. In Press).
2. Abd-Allah IM, El-Housseiny GS, Alshahrani MY, El-Masry SS, **Aboshanab KM***, Hassouna NA. An Anti-MRSA Phage From Raw Fish Rinse: Stability Evaluation and Production Optimization. Front Cell Infect Microbiol. 2022 May 17;12:904531. [doi: 10.3389/fcimb.2022.904531](https://doi.org/10.3389/fcimb.2022.904531). PMID: 35656033; PMCID: PMC9152141.
3. Mostafa SH, Saleh SE, Hamed SM, **Aboshanab KM***. Febrile illness of bacterial etiology in a public fever hospital in Egypt: High burden of multidrug resistance and WHO priority Gram negative pathogens. Germs. 2022 Mar 31;12(1):75-85. [doi: 10.18683/germs.2022.1308](https://doi.org/10.18683/germs.2022.1308). PMID: 35601951; PMCID: PMC9113693.
4. El-Gayar MH, Ishak RAH, Esmat A, Aboulwafa MM, **Aboshanab* KM**. Evaluation of lyophilized royal jelly and garlic extract emulgels using a murine model infected with methicillin-resistant Staphylococcus aureus. AMB Express. 2022 Mar 21;12(1):37. [doi: 10.1186/s13568-022-01378-x](https://doi.org/10.1186/s13568-022-01378-x). PMID: 35312896; PMCID: PMC8938573.
5. Kamel NA, Alshahrani MY, **Aboshanab* KM**, El Borhamy MI (2022). Evaluation of the BioFire FilmArray Pneumonia Panel Plus to the Conventional Diagnostic Methods in Determining the Microbiological Etiology of Hospital-Acquired Pneumonia. Biology (Basel). 2022 Feb 27;11(3):377. [doi: 10.3390/biology11030377](https://doi.org/10.3390/biology11030377). PMID: 35336751; PMCID: PMC8945136..
6. Elmesserri RA, Saleh SE, Elsherif HM, Yahia IS, **Aboshanab KM*** (2022). Staphyloxanthin as a Potential Novel Target for Deciphering Promising Anti-Staphylococcus aureus Agents. Antibiotics (Basel), 11(3),298, <https://doi.org/10.3390/antibiotics11030298>
7. Khalil WM, **Aboshanab KM***, Aboulwafa MM (2022). Evaluation and Correlation of Rabies Vaccine Potency Using the National Institute of Health, Rapid Focus Fluorescent Inhibition, and Passive Hemagglutination Tests. Viral Immunol. 2022 Feb 1. [doi: 10.1089/vim.2021.0181](https://doi.org/10.1089/vim.2021.0181).. PMID: 35104162.
8. Alshahawey MG, El-Housseiny GS, Elsayed NS, Alshahrani MY, Wakeel LM, **Aboshanab KM***.. New insights on mucormycosis and its association with the COVID-19 pandemic. Future Sci OA. 2021 Dec 16;8(2):FSO772. [doi: 10.2144/fsoa-2021-0122](https://doi.org/10.2144/fsoa-2021-0122). PMID: 35059222; PMCID: PMC8686842.
9. Kamel NA, Ismail NSM, Yahia IS, **Aboshanab KM***. Potential Role of Colchicine in Combating COVID-19 Cytokine Storm and Its Ability to Inhibit Protease Enzyme of

SARS-CoV-2 as Conferred by Molecular Docking Analysis. *Medicina* (Kaunas). 2021 Dec 23;58(1):20. doi: [10.3390/medicina58010020](https://doi.org/10.3390/medicina58010020). PMID: 35056328.

10. **Eltokhy MA, Saad BT, Eltayeb WN, Yahia IS, Aboshanab KM*, Ashour MSE.** Exploring the Nature of the Antimicrobial Metabolites Produced by *Paenibacillus ehimensis* Soil Isolate MZ921932 Using a Metagenomic Nanopore Sequencing Coupled with LC-Mass Analysis. *Antibiotics* (Basel). 2021 Dec 22;11(1):12. doi: [10.3390/antibiotics11010012](https://doi.org/10.3390/antibiotics11010012). PMID: 35052889.
11. **El-Sayed SE, Abdelaziz NA, Osman HH, El-Housseiny GS, Aleissawy AE, Aboshanab KM*.** *Lysinibacillus* Isolate MK212927: A Natural Producer of Allylamine Antifungal 'Terbinafine'. *Molecules*. 2021 Dec 29;27(1):201. doi: [10.3390/molecules27010201](https://doi.org/10.3390/molecules27010201). PMID: 35011429; PMCID: PMC8746802.
12. **Morgan RN, Saleh SE, Aboshanab KM*, M, Farrag HA.** ADP-ribosyl transferase activity and gamma radiation cytotoxicity of *Pseudomonas aeruginosa* exotoxin A. *AMB Express*. 2021 Dec 22;11(1):173. doi: [10.1186/s13568-021-01332-3](https://doi.org/10.1186/s13568-021-01332-3). PMID: 34936047; PMCID: PMC8695647.
13. **Eltokhy MA, Saad BT, Eltayeb WN, El-Ansary MR, Aboshanab KM*, Ashour MSE (2021).** A Metagenomic Nanopore Sequence Analysis Combined with Conventional Screening and Spectroscopic Methods for Deciphering the Antimicrobial Metabolites Produced by *Alcaligenes faecalis* Soil Isolate MZ921504. *Antibiotics* (Basel). 10(11):1382. doi: [10.3390/antibiotics10111382](https://doi.org/10.3390/antibiotics10111382). PMID: 34827320
14. **Mohammed MA, Salim MTA, Anwer BE, Aboshanab KM, Aboulwafa MM*(2021).** Impact of target site mutations and plasmid associated resistance genes acquisition on resistance of *Acinetobacter baumannii* to fluoroquinolones. *Sci Rep*. 11(1):20136. doi: [10.1038/s41598-021-99230-y](https://doi.org/10.1038/s41598-021-99230-y). PMID: 34635692; PMCID: PMC8505613
15. **Elshamy AA, Saleh SE, Alshahrani MY, Aboshanab KM*, Aboulwafa MM, Hassouna NA(2021).** OXA-48 Carbapenemase-Encoding Transferable Plasmids of *Klebsiella pneumoniae* Recovered from Egyptian Patients Suffering from Complicated Urinary Tract Infections. *Biology* (Basel). 10(9):889. doi: [10.3390/biology10090889](https://doi.org/10.3390/biology10090889). PMID: 34571766; PMCID: PMC8469419
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8. **Amira A. Abdelbaset, Aboshanab, Khaled M. Mohammad M. Aboulwafa, Hala A. Farrag* (2015).** Profiles of Lipase and Protease Enzymatic activities and antimicrobial resistance of some bacterial isolates recovered from blood samples. *Al_azhar J. Of Pharmaceutical Sciences*.51: 118-134, ISSN 1110-1644.
9. **Aboshanab KM* (2010)** Isolation, Sequencing and Annotation of three genes putatively involved in capreomycin biosynthesis in *Streptomyces ribosidificus* NRRL B-11466. *Egy. J. of Medical Microbiology*, 19(4): 63-74.
10. **Aboshanab KM* (2010)** Identification of both *neoQ* and *neoB* gene products involved in the biosynthesis of neomycin in *Streptomyces fradiae* BUWKH 66278. *Egy.J. Biotech.* 36: 1-15.
11. **Aboshanab KM* (2010)** Cloning, expression and knock-out of *ribE* gene involved in the biosynthesis of Ribostamycin in *Streptomyces ribosidificus* NRRL B-11466. *Egy. J. of Medical Microbiology*, 19(1): 47-58.
12. **Aboshanab KM* (2009)** Formation, Regeneration and Efficient Plasmid Transformation of Protoplasts of the major 2-deoxystreptamine aminoglycoside producers. *Egy. J. biotechnology*, 33: 66-78.
13. **Aboshanab K* (2006)** Cloning and expression of *neoQ* and *neoB* genes coded for bifunctional 6'- (and 6''')-dehydrogenase and 6'- (and 6''')-aminotransferase involved in the biosynthesis of neomycin in *Streptomyces fradiae* BUWKH 66278. *Egy. J. Biotechnology*, 24: 103-120.
14. **Aboshanab K., Hassouna N. A, Yassien M. A*, Aboulwafa M. M. (2003)** Characterization of crude protease enzymes produced by *Streptomyces pseudoehinosporeus* and *Bacillus megaterium*. *New Egypt. J. Microbiol.*, 6: 71-84.

15. **Aboshanab K., Hassouna N. A, Yassien M. A*Aboulwafa M. M. (2003)** Protease production by *Streptomyces pseudoehinosporeus* and *Bacillus megaterium*. New Egypt. *J. Microbiol.*, **6**: 33-52.

Conferences:

1. **Aboshanab K (2022).** The 10Th Annual Ain Shams University International Conference, Cairo, Egypt. “The University as an Anchor for Development, Towards the New Republic” **Delivering Lecture on “Primer Design: Principles and In Silico-Methodology # “Bioinformatics in Medicine).** 30th March 2022
2. **Aboshanab K (2022).** The 10Th Annual Ain Shams University International Conference, Cairo, Egypt. “The University as an Anchor for Development, Towards the New Republic” **Chair Person of Session # “Prospects in Medical Research).** 31th March 2022.
3. **Aboshanab K (2020).** The 5Th Medical Integrated Students Research (MISR) conference, Faculty of Medicine Ain Shams University, Cairo, Egypt. Attending and as an **External Examiner** of the Student Research Projects. 4-7 Mars 2020
4. **Aboshanab K (2019).** A conference **Speaker** in Microbiology Conference “9th Annual Congress on Clinical Microbiology and Infectious Diseases “Preventive technique towards infectious Diseases). October 16-17 2019 at Tokyo, Japan.
5. **Aboshanab K (2019).** (Title: Guidelines of antimicrobial agents and Role of Pharamcist in Public. **Key note Speaker** in Microbiology Conference “7th Conference of Damietta Pharmacist Syndicate). 31 October, 2019. , Kempinski hotel, Damietta, Egypt
6. **Aboshanab K (2019)** A conference **Speaker** of a Microbiology and Biotechnology Session (title: Prevalence of MDR-and XDR Gram-negative pathogens isolated from febrile neutropenic cancer patients with bloodstream infections in Egypt and new synergistic antibiotic combinations), 8th International Conference of Ain Shams University 1-3 April, 2019, Cairo, Egypt
7. **Aboshanab K (2019)** A conference **Chair Person** of a Microbiology and Biotechnology Session, 5th FUE International Conference of Pharmaceutical Sciences (3rd FUE-ICPS) January 28-30, 2019, Rouyal Maxim Palace Kempinski, Cairo, Egypt.
8. **Aboshanab K (2019)** A conference Attender BGICC 2019 the 11th breast- Gynecological & Immunooncology International Cancer Conference, held on 17th and 18th January 2019 in Cairo, Egypt. One World Against Cancer, Hilton, Heliopolis Hotel, Cairo, Egypt.
9. **Aboshanab K (2018)** **Attender** Chemical Security Vulnerability Assessments and Risk Mitigation for the Pharmaceutical Industry workshop on 9-13 September, 2018 at the Hilton Cairo Zamalek Residences. Sandia National Laboratories (SNL) in collaboration with Ain Shams University (ASU) will host a five-day, interactive workshop to train best practices in chemical security vulnerability assessments and risk mitigation for the pharmaceutical industry
10. **Aboshanab K (2018)** (Mechanisms of fluoroquinolones resistance). **Key note Speaker** in Microbiology Conference “Next Generation Sequencing in Microbiology from Basic Laboratory Technique to application in the clinical Setting). 10-11 October, 2018. , Intercontinental Cit Stars, Nasr City, Cairo, Egypt

11. **Manar M. Ahmed, Khaled M. Aboshanab, Yasser M. Ragab and Khaled A. Aly (2016).** The Transmembrane Domain of the *Staphylococcus aureus* ESAT-6 Secretion System Component EssB Interacts with the Integral Membrane Protein EssF. **Poster** in Conference of American Society for Microbiology (ASM) Microbe 2016, June 16-20, Boston, Massachusetts, USA.
12. **Masarra M. Sakr, Mohammad M. Aboulwafa, Khaled M. A. Aboshanab, Nadia A. Hassouna (2016).** AHL-lactonases of *Bacillus cereus*, characterization of catalytic activities and sequencing encoding genes. **Poster** in Conference of American Society for Microbiology (ASM) Microbe 2016, June 16-20, Boston, Massachusetts, USA.
13. **Noha S. Elsayed, Khaled M. Aboshanab, Mahmoud A. Yassien, Nadia A. Hassouna (2016).** Recovery and Characterization of Polyhydroxybutyrate Biopolymer Produced by *Bacillus cereus* Isolate P83. **Poster** in Conference of American Society for Microbiology (ASM) Microbe 2016, June 16-20, Boston, Massachusetts, USA
14. **Aboshanab K (2015)** A conference **Speaker** of a session titled "Pathway Engineering For the Production of Antibiotics Using Genetically Modifying Antibiotic Producing Strains ". 3rd FUE International Conference of Pharmaceutical Sciences (3rd FUE-ICPS) February 9-11, 2015, Intercontinental Cit Stars, Nasr City, Cairo, Egypt
15. **Noha Salah Elsayed, Mohammad Aboulwafa, Khaled Aboshanab, Nadia Hassouna (2015).** Improvement of Poly-beta-hydroxybutyrate production by *Bacillus cereus* isolate P83. 5th International Conference of Pharmaceutical and Drug industries Research Division Under the Theme of Advance in Pharmaceutical Research, March 29-30, .www.enbmb.eg.net, March 29-30, National Research Center, Cairo, Egypt.
16. **Masarra M. Sakr, Khaled M. Aboshanab, Mohammad M. Aboulwafa, Nadia A. Hassouna (2015).** Lactonase from *Bacillus thurigiensis* Isolate B16; A highly conserved Chromosome-Mediated Enzyme with Role In Quorum Quenching. 5th International Conference of Pharmaceutical and Drug industries Research Division Under the Theme of Advance in Pharmaceutical Research, March 29-30, .www.enbmb.eg.net, March 29-30, National Research Center, Cairo, Egypt
17. **Aboshanab K (2014)** A conference **Speaker** of a session titled "Biocombinatorial Synthesis of New Aminoglycoside Antibiotics Using Genetic Manipulation". The 17th Congress of the Association of Pharmacy Colleges in the Arab World. The 1st International Conference of The Faculty of Pharmacy; Ain Shams University "New trends in Drug Discovery, Development and Pharmacy Practice" 14th -16th October, 2014, Faculty of Pharmacy, Ain Shams University, African Union Organization st., Abbasia, Cairo, Egypt.
18. **Aboshanab K (2014)** A workshop **Speaker** of a session titled "Gene Expression using pET expression system. Four-day Workshop: Advanced Techniques in Molecular Biology and Tissue culture, 22-25 September 2014. Botany and Microbiology Department, Faculty of Science, Al-Azhar University, cairo, Egypt.
19. **Masarra M. Sakr, Khaled M. Aboshanab, Mohammad M. Aboulwafa, Nadia A. Hassouna (2014).** Characterization of the Quorum Quenching activity of *Streptomyces minutiscleroticus*; A new approach for Infection Control. 11th National conference of Biochemistry and Molecular Biology "Disease diagnosis and Healthy care" Organized by National committee for Biochemistry and Molecular Biology (NCBMB).www.enbmb.eg.net, March 30-April 1 (2014), Guesthouse, Ain Shams University, Cairo, Egypt.

- 20. Noha Salah Elsayed, Khaled M. Aboshanab, Mohammad M. Aboulwafa, Nadia A. Hassouna (2014).** Cost-effective production of the bio-plastic Poly- β -hydroxybutyrate using *Acinetobacter baumannii* bacterial isolate P39. 11th National conference of Biochemistry and Molecular biology. "Disease diagnosis and healthy care" Organized by National committee for Biochemistry and Molecular Biology (NCBMB).www.enbmb.eg.net, March 30-April 1 (2014), Guesthouse, Ain Shams University, Cairo, Egypt.
- 21. Samira M. Hamed, Khaled M. A. Aboshanab, Walid F. Elkhatib, Mohamed S. Ashour (2014).** Phenotypic and genotypic aminoglycoside resistance in certain Gram negative uropathogens recovered from hospitalized Egyptian patients. 11th National conference of Biochemistry and Molecular Biology "Disease diagnosis and healthy care" Organized by National committee for Biochemistry and Molecular Biology (NCBMB).www.enbmb.eg.net, March 30-April 1 (2014) Cairo, Egypt.
- 22. Okba M. Nisreen, Aboshanab M. Khaled, El-banna S, Tarek, Abd El-Aziz A. Ahmed (2012).** Isolation and expression of 2-deoxy-scyllo-inositol synthase (RibC) from ribostamycin gene cluster in *E. coli*. *The 18th International Conference of the Egyptian Society for Medical Microbiology* "Current topics in infectious diseases",2012, April 28, Cairo, Egypt..
- 23. Aboshanab KM (2010)** Cloning and expression of *neoQ* and *neoB* genes coded for bifunctional 6'- (and 6''')-dehydrogenase and 6'- (and 6''')-aminotransferase involved in the biosynthesis of neomycin in *Streptomyces fradiae* BUWKH 66278. The 17th international conference of the Egyptian Society for Medical Microbiology (ESMM) "New Modalities in Microbiology", held in April, 25-26, 2010 participation.
- 24. Aboshanab KM (2004)** The 5th international conference of the Society of Applied Microbiology (ESMM) " Secondary metabolites of Actinomycetes. ", hold in Jena, Germany, Mars, 25-27, 2004 participation.

Patency:

- 1. Ahmad M. Abbas, Mohammad M. Aboulwafa, Khaled M. Aboshanab, and Nadia A. Hassouna (2011)** Production of biologically active calcitriol, from vitamin D3 using locally isolated *Actinomyces hypvaginalis*, request 882-2011 at 31.05.2011.
- 2. Aboshanab K., Schmidt-Beissner H., Wehmeier U., Welzel K., Vente A. Piepersberg W. (2005)** Neue Gene aus Biosynthese Genclustern zur Synthese von Aminoglycosid-Antibiotika sowie damit herstellbare neue Aminoglycosid-Antibiotika. **German Patent** Application AZ 102004017141.6 (Combinature Biopharm, Berlin), PCT (**International Patent**) /DE 102004017141A1; Aug. 2005;WO 2005/095591. Patent WO2005095591

Internations Books:

- 1. Piepersberg W, Aboshanab KM., Schmidt-Beißner H, Wehmeier U (2007)** The Biochemistry and Genetics of Aminoglycoside Producers. In: Aminoglycoside Antibiotics From Chemical Biology to Drug Discovery. Chapter 2, pp. 15 – 118. Ed.: Arya Dev P., Print

ISBN: 978-0-471-74302-6, Online ISBN: 978-0-471-4967-6, John Wiley & Sons, inc.,
publication, Wiley- VCH, Hoboken, New Jersey, USA.

<http://www3.interscience.wiley.com/cgi-bin/bookhome/114034360>

Research Projects:**المشاريع البحثية**

1. قبول المشروع البحثي المشترك المقدم من الى مؤسسة Erasmus Plus بقيمة 1000000 (مليون) يورو وذلك تحت مسمى: Capacity Building in the field of higher education – EAC/A02/2019 – Joint Projects

و ذلك لانشاء برنامج دبلوم: Immune Modulation Diploma/IMcert و عمل مركز للتميز (center of excellence) في 5 جامعات مصرية و 3 جامعات اوروبية كالاتي:

Team group from Faculty of Pharmacy, Ain Shams University:

1. Prof. Dr Khaled Mohamed Aboshanab (team Leader)
2. Dr Mai Fathy tolba, assistant Prof of pharmacology and Toxicology,
3. Dr Sherehan galal, Lecturer of biochemistry
4. Dr Ahmed Abass, Lecturer of Microbiology and Immunology.

الدور	الدولة	اسم الجامعة	م
من الداخل			
الباحث الرئيسي	مصر	الازهر	1
مشارك	مصر (ممثلة في كلية الصيدلة)	عين شمس	2
مشارك	مصر	القاهرة	3
مشارك	مصر	دمنهور	4
مشارك	مصر	اسوان	5
من الخارج			
مشارك	المانيا	Leipzig institute [ULEI] in Germany	1
مشارك	فرنسا	Lorraine [UL] in France	2
مشارك	اليونان	National and Kapodistrian University Athens [NKUA] in Greece	3

2. **Principle investigator of the International Project** between Faculty of Pharmacy, Ain Shams University, and W42 GmbH, a German corporation located at Otto-Hahn-Straße 15, im BMZ, D-44227 Dortmund, Germany (the “Partner”), represented by **Prof Dr. Ansgar Stratmann**, Project title: "*Production of Cephalosporin C (CPC) by the industrial strain Acremonium chrysogenum W42-I*". (from December, 2018-December 2021).
3. **Principle investigator of the Project title:** "Bioprocess Engineering for the production of cephalosporin C by *Acremonium chrysogenum W42-I* and paromoycin By *Streptomyces rimosus* NRRL 2455" Two years Project 2019-2020 and 2020-2021. Funded by Ain Shams Postgraduate Strategic Research Program 2019-2020, Ain Shams University
4. **Principle investigator of the Project title:** Molecular and physiological characterization of bacterial macrolide resistance mechanisms as an approach of infection control Two years Project 2016-2017 and 2017-2018. Funded by Ain Shams Environmental and Culture Affairs Research Program 2016-2017, Ain Shams University
5. **Principle investigator of the Project title:** Preparation of various pharmaceutical preparations containing Royal Jelly and Garlic extract for the control of skin infections

caused by Methicillin-resistant *Staphylococcus aureus* (MRSA). Two years Project 2014-2015 and 2015-2016. Financed by Postgraduate affairs, Ain Shams University.

6. **Co- investigator of the Project title (2016).** Cloning and Expression of certain gene(s) putatively involved in acylhomoserine lactone quorum quenching activities as a new approach for infection control. Two years Project 2016-2017 and 2017-2018, Financed by Postgraduate affairs, Ain Shams University

Published nucleotide/amino acids sequences in the NCBI/EMBL GenBank database (accession codes) online on the internet database.
<http://www.ncbi.nlm.nih.gov>

1. **El-Sayed,S.E., AbdelAziz,N.A., El-Housseiny,G.S. and Aboshanab, K.A. (2020).** *Alcaligenes faecalis* strain F2 16S ribosomal RNA gene. GenBank: MT332429.
<https://www.ncbi.nlm.nih.gov/nuccore/MT332429.1>
2. **El-Sayed,S.E., AbdelAziz,N.A., El-Housseiny,G.S. and Aboshanab,K.A.(2019).** *Lysinibacillus* sp. strain S6 16S ribosomal RNA gene, partial sequence. GenBank: MK212927.1 <https://www.ncbi.nlm.nih.gov/nuccore/MK212927.1>
3. **Abdelaziz,S.M., Aboshanab,K.M., Yassien,M.A. and Hassouna,N.A. (2019)** *Klebsiella pneumoniae* subsp. *pneumoniae* strain S1 AAC(6')-Ib family aminoglycoside 6'-N-acetyltransferase (AAC(6')-Ib) gene, partial cds, GenBank: MK493336.1.
<https://www.ncbi.nlm.nih.gov/nuccore/MK493336.1>
4. **Abdelaziz,S.M., Aboshanab,K.M., Yassien,M.A. and Hassouna,N.A. (2019)** *Klebsiella pneumoniae* subsp. *pneumoniae* strain N44 SHV family class A beta-lactamase (blaSHV) gene, partial cds, GenBank: MK482385.1
<https://www.ncbi.nlm.nih.gov/nuccore/MK482385.1>
5. **Abdelaziz,S.M., Aboshanab,K.M., Yassien,M.A. and Hassouna,N.A. (2019)** *Klebsiella pneumoniae* subsp. *pneumoniae* strain N6 multidrug efflux RND transporter periplasmic adaptor subunit AcrA gene, partial cds, GenBank: MK468797.1
<https://www.ncbi.nlm.nih.gov/nuccore/MK468797.1>
6. **Abdelaziz,S.M., Aboshanab,K.M., Yassien,M.A. and Hassouna,N.A. (2019)** *Klebsiella pneumoniae* subsp. *pneumoniae* strain N76 multidrug efflux RND transporter periplasmic adaptor subunit AcrA gene, partial cds, GenBank: MK468796.1
<https://www.ncbi.nlm.nih.gov/nuccore/MK468796.1>
7. **Abdelaziz,S.M., Aboshanab,K.M., Yassien,M.A. and Hassouna,N.A. (2019)** *Klebsiella pneumoniae* subsp. *pneumoniae* strain N43 OXA family beta-lactamase (blaOXA) gene, partial cds, GenBank: MK468795.1.
<https://www.ncbi.nlm.nih.gov/nuccore/MK468795.1>
8. **Abdelaziz,S.M., Aboshanab,K.M., Yassien,M.A. and Hassouna,N.A. (2019)** *Klebsiella pneumoniae* strain N38 TEM family extended spectrum beta-lactamase (blaTEM) gene, partial cds, GenBank: MK341127.1.
<https://www.ncbi.nlm.nih.gov/nuccore/MK341127.1>
9. **Abdelaziz,S.M., Aboshanab,K.M., Yassien,M.A. and Hassouna,N.A. (2019)** *Klebsiella pneumoniae* strain N38 CTX-M family extended spectrum beta-lactamase (blaCTX-M)

gene, partial cds, GenBank: MK341126.1.
<https://www.ncbi.nlm.nih.gov/nuccore/MK341126.1>

10. **Abdelaziz,S.M., Aboshanab,K.M., Yassien,M.A. and Hassouna,N.A. (2019)** Staphylococcus aureus strain S32 MecA (mecA) gene, partial cds, GenBank: MK341125.1
<https://www.ncbi.nlm.nih.gov/nuccore/MK341125.1>
11. **Abdelaziz,S.M., Aboshanab,K.M., Yassien,M.A. and Hassouna,N.A. (2019)** Pseudomonas aeruginosa strain S20 MexA gene, partial cds,nGenBank: MK341124.1.
<https://www.ncbi.nlm.nih.gov/nuccore/MK341124.1>
12. **Abdelaziz,S.M., Aboshanab,K.M., Yassien,M.A. and Hassouna,N.A. (2019)** Klebsiella pneumoniae strain N83 OXA family carbapenem-hydrolyzing class D beta-lactamase (blaOXA) gene, complete cds,GenBank: MK341123.1
<https://www.ncbi.nlm.nih.gov/nuccore/MK341123.1>
13. **Abdelaziz,S.M., Aboshanab,K.M., Yassien,M.A. and Hassouna,N.A. (2019)** Staphylococcus aureus strain N141 MepA (mepA) gene, partial cds,GenBank: MK341122.1 <https://www.ncbi.nlm.nih.gov/nuccore/MK341122.1>
14. **Abdelaziz,S.M., Aboshanab,K.M., Yassien,M.A. and Hassouna,N.A. (2019)** Klebsiella pneumoniae subsp. pneumoniae strain N76 NDM family subclass B1 metallo-beta-lactamase gene, complete cds, GenBank: MK341121.1.
<https://www.ncbi.nlm.nih.gov/nuccore/MK341121.1>
15. **Abdelaziz,S.M., Aboshanab,K.M., Yassien,M.A. and Hassouna,N.A. (2019)** Klebsiella pneumoniae subsp. pneumoniae strain N62 New Delhi metallo-beta-lactamase-6 (blaNDM) gene, blaNDM-6 allele, partial cds,GenBank: MH971065.1
<https://www.ncbi.nlm.nih.gov/nuccore/MH971065.1?report=genbank>
16. **Kamel,N.A., El-Tayeb,W.N., Mansour,M.T. and Aboshanab,K.M.(2018)** Klebsiella pneumoniae subsp. pneumoniae strain KP188 class D OXA-48 carbapenemase (blaOXA) gene, partial cds, GenBank: MH986336.1.
<https://www.ncbi.nlm.nih.gov/nuccore/MH986336.1>
17. **Kamel,N.A., El-Tayeb,W.N., Mansour,M.T. and Aboshanab,K.M.(2018)** Klebsiella pneumoniae subsp. pneumoniae strain KP189 class D OXA-48 carbapenemase (blaOXA) gene, partial cds, GenBank: MH986335.1.
<https://www.ncbi.nlm.nih.gov/nuccore/MH986335.1>
18. **Kamel,N.A., El-Tayeb,W.N., Mansour,M.T. and Aboshanab,K.M.(2018)** Klebsiella pneumoniae subsp. pneumoniae strain KP192 class D OXA-48 carbapenemase (blaOXA) gene, partial cds, GenBank: MH986334.1.
<https://www.ncbi.nlm.nih.gov/nuccore/MH986334.1>
19. **Elkholy,Y.N., Aboshanab,K.M., Elkhatib,W.F., Aboulwafa,M.M. and Hassouna, N.A.(2018).**Streptomyces manipurensis strain H21 16S ribosomal RNA gene, partial sequence, GenBank: MH036744.1.
<https://www.ncbi.nlm.nih.gov/nuccore/MH036744.1>
20. **Elkholy,Y.N., Aboshanab,K.M., Elkhatib,W.F., Aboulwafa,M.M. and Hassouna, N.A.(2018).** Streptomyces fulvissimus strain W2 16S ribosomal RNA gene, partial sequence,GenBank: MH036743.1
<https://www.ncbi.nlm.nih.gov/nuccore/MH036743.1>
21. **Hamed,S.M., Aboshanab,K.M.A., El-Mahallawy,H.A., Helmy,M.M., Ashour, M.S.E. and Elkhatib,W.F.(2018).**Pseudomonas aeruginosa strain S205b DNA topoisomerase IV subunit A (parC) gene, partial cds, **GenBank: MG242343.1**

- <https://www.ncbi.nlm.nih.gov/nuccore/MG242343.1>
22. Hamed,S.M., Aboshanab,K.M.A., El-Mahallawy,H.A., Helmy,M.M., Ashour, M.S.E. and ElKhatib,W.F.(2018). *Klebsiella pneumoniae* subsp. *pneumoniae* strain S116 DNA topoisomerase IV subunit A (parC) gene, partial cds, GenBank: GenBank: MG242341.1 <https://www.ncbi.nlm.nih.gov/nuccore/MG242341.1>
23. Hamed,S.M., Aboshanab,K.M.A., El-Mahallawy,H.A., Helmy,M.M., Ashour, M.S.E. and ElKhatib,W.F.(2018). *Escherichia coli* strain S26 DNA topoisomerase IV subunit A (parC) gene, partial cds, GenBank: MG242340.1 <https://www.ncbi.nlm.nih.gov/nuccore/MG242340.1>
24. Hamed,S.M., Aboshanab,K.M.A., El-Mahallawy,H.A., Helmy,M.M., Ashour, M.S.E. and ElKhatib,W.F.(2018). *Klebsiella pneumoniae* subsp. *pneumoniae* strain S141 DNA gyrase subunit A (gyrA) gene, partial cds, GenBank: MG242342.1 <https://www.ncbi.nlm.nih.gov/nuccore/MG242342.1>
25. Hamed,S.M., Aboshanab,K.M.A., El-Mahallawy,H.A., Helmy,M.M., Ashour, M.S.E. and ElKhatib,W.F.(2018). *Acinetobacter baumannii* strain S251b DNA gyrase subunit A (gyrA) gene, partial cds, GenBank: MG198063.1 <https://www.ncbi.nlm.nih.gov/nuccore/MG198063.1>
26. Hamed,S.M., Aboshanab,K.M.A., El-Mahallawy,H.A., Helmy,M.M., Ashour, M.S.E. and ElKhatib,W.F.(2018). *Pseudomonas aeruginosa* strain S205b DNA gyrase subunit A (gyrA) gene, partial cds, GenBank: MG198062.1 <https://www.ncbi.nlm.nih.gov/nuccore/MG198062.1>
27. Hamed,S.M., Aboshanab,K.M.A., El-Mahallawy,H.A., Helmy,M.M., Ashour, M.S.E. and ElKhatib,W.F.(2018). *Proteus mirabilis* strain S254b DNA gyrase subunit A (gyrA) gene, partial cds, GenBank: MG198061.1 <https://www.ncbi.nlm.nih.gov/nuccore/MG198061.1>
28. Hamed,S.M., Aboshanab,K.M.A., El-Mahallawy,H.A., Helmy,M.M., Ashour, M.S.E. and ElKhatib,W.F.(2018). *Klebsiella pneumoniae* subsp. *pneumoniae* strain S304 DNA gyrase subunit A (gyrA) gene, partial cds, GenBank: MG198060.1 <https://www.ncbi.nlm.nih.gov/nuccore/MG198060.1>
29. Hamed,S.M., Aboshanab,K.M.A., El-Mahallawy,H.A., Helmy,M.M., Ashour, M.S.E. and ElKhatib,W.F.(2018). *Klebsiella pneumoniae* subsp. *pneumoniae* strain S116 DNA gyrase subunit A (gyrA) gene, partial cds, GenBank: MG198059.1 <https://www.ncbi.nlm.nih.gov/nuccore/MG198059.1>
30. Hamed,S.M., Aboshanab,K.M.A., El-Mahallawy,H.A., Helmy,M.M., Ashour, M.S.E. and ElKhatib,W.F.(2018). *Acinetobacter baumannii* strain S305 topoisomerase IV subunit A (parC) gene, partial cds, GenBank: MG753558.1 <https://www.ncbi.nlm.nih.gov/nuccore/MG753558.1>
31. Hamed,S.M., Aboshanab,K.M.A., El-Mahallawy,H.A., Helmy,M.M., Ashour, M.S.E. and ElKhatib,W.F.(2018). *Acinetobacter baumannii* strain S284 topoisomerase IV subunit A (parC) gene, partial cds, GenBank: MG753557.1 <https://www.ncbi.nlm.nih.gov/nuccore/MG753557.1>

32. Hamed,S.M., Aboshanab,K.M.A., El-Mahallawy,H.A., Helmy,M.M., Ashour, M.S.E. and ElKhatib,W.F.(2018). *Acinetobacter baumannii* strain S251b topoisomerase IV subunit A (parC) gene, partial cds, GenBank: MG753556.1
<https://www.ncbi.nlm.nih.gov/nuccore/MG753556.1>
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112. **Aboshanab K.M., Schmidt-Beissner H, Wehmeier U, Piepersberg W, Welzel K, Vente A (2006)** *Streptomyces* sp. DSM 40477, tobramycin biosynthesis gene cluster region, gi|85813675|EMBL|AJ810851.1|[85813675]
<http://www.ncbi.nlm.nih.gov/nuccore/AJ810851.1>
113. **Aboshanab K.M., Schmidt-Beissner H, Wehmeier U, Piepersberg W, Welzel K, Vente A (2006)** *Streptomyces rimosus* subsp. *paromomycinus* ORF SriA13.1 (partial), aacC7 gene, aac(6)-II gene, ORF SriA13.4c, ORF SriA13.5, ORF SriA13.6 and ORF SriA13.7 (partial), strain NRRL2455, gi|85813667|EMBL|AJ749845.1|[85813667]
<http://www.ncbi.nlm.nih.gov/nuccore/AJ749845.1>
114. **Aboshanab K.M., Schmidt-Beissner H, Wehmeier U, Piepersberg W, Welzel K, Vente A. (2006)** *Streptomyces ribosidificus* ribostamycin biosynthesis gene cluster, strain NRRL B-11466 gi|85813594|EMBL|AJ744850.1|[85813594]
<http://www.ncbi.nlm.nih.gov/nuccore/AJ744850.1>
115. **Aboshanab K.M., Schmidt-Beissner H, Wehmeier U, Piepersberg W, Welzel K, Vente A (2006)** *Streptomyces fradiae* neomycin biosynthesis gene cluster, strain DSM 40063 gi|85813555|EMBL|AJ629247.1|[85813555]
<http://www.ncbi.nlm.nih.gov/nuccore/AJ629247.1>
116. **Aboshanab K.M., Schmidt-Beissner H, Wehmeier U, Piepersberg W, Welzel K, Vente A (2006)** *Streptomyces* sp. DSM 40477 genomic region of the apramycin biosynthesis cluster gi|85813519|EMBL|AJ629123.1|[85813519].
<http://www.ncbi.nlm.nih.gov/nuccore/AJ629123.1>

117. **Aboshanab K.M., Schmidt-Beissner H, Wehmeier U, Piepersberg W, Welzel K, Vente A (2006)** *Streptomyces tenjimariensis* istamycin biosynthesis cluster, strain ATCC 31603gi|83999825| EMBL|AJ845083.2|[8399].
<http://www.ncbi.nlm.nih.gov/nuccore/AJ845083.2>

Adminstrative Experiences	الخبرات الادارية
1	قائم بعمل عميد الكلية من 27 سبتمبر 2020 حتى 13 ابريل 2021.
2	وكيل كلية الصيدلة جامعة عين شمس للدراسات العليا و البحوث منذ مايو 2018 ولمده 3 اعوام
3	مقرر القطاع الطبى بجامعة عين شمس لبحاث الخطة الاستراتيجية عن العام الجامعى 2019/2018 و العام الجامعى 2020/2019 و العام الجامعى 2021/2020
4	مقرررا للجنة المختبرات و الاجهزة الطبية بجامعة عين شمس للعام الجامعى 2019/2018 و العام الجامعى 2020/2019
5	عضوا بلجنة قطاع التعليم الصيدلى وزاره التعليم العالى منذ سبتمبر 2020 حتى ابريل 2021
6	عضوا بلجنة تحديث دستور الادوية المصري بهيئة الدواء المصري منذ سبتمبر 2020 حتى ابريل 2021
7	رئيس معيارى القيادة و الحوكمة الجهاز الاداري من معايير اعتماد جامعة عين شمس (ملف اعتماد الجامعة)
8	مقرر لجنة تحديث الخطة الإستراتيجية الخمسية للكلية 2023/2018
9	عضوا بلجنة المحكميين لفحص الانتاج العلمى لشغل وظائف الاساتذة و الاساتذة المساعدين -الدراسات الصيدلية - لجنة الميكروبيولوجيا و المناعة الصيدلية رقم 95 الدور الثالث عشره للعام 2020
10	مدير تحرير مجلة كلية الصيدلة Archives of Pharmaceutical Sciences Ain Shams University https://aps.journals.ekb.eg/
11	قائم بعمل رئيس قسم الميكروبيولوجيا و المناعة بكلية الصيدلة-جامعة عين شمس اعتبارا من 2013/8/1 و حتى 2014/7/31 (مدة عام اكايمى).
12	مدير وحدة ضمان الجودة بكلية الصيدلة-جامعة عين شمس لفترتين متتاليتين اعتبارا من 28/10/2012 حتى نوفمبر 2018
13	عضوا بمجلس الدراسات العليا و البحوث بجامعة عين شمس منذ مايو 2018 و حتى تاريخه
14	عضوا باللجنة الدائمة لقطاع الدراسات العليا بجامعة عين شمس منذ عام 2019/2018 و حتى تاريخه
15	رئيس لجنة اخلاقيات البحث العلمى كلية الصيدلة جامعة عين شمس للعام الجامعى 2020/2019 و حتى تاريخه
16	عضوا بالشبكة المصرية ل اخلاقيات البحث العلمى (ENREC) http://www.enrec.org/ ممثلا عن كلية الصيدلة جامعة عين شمس
17	مقرر اللجنة التنفيذية لبرامج الدراسات العليا من 20 مايو 2018- حتى تاريخه
18	عضوا باللجنة العليا لبرامج الدراسات العليا بكلية الصيدلة جامعة عين شمس منذ مايو 2018- حتى تاريخه.
19	مقرر لجنة الدراسات العليا و البحوث بكلية الصيدلة جامعة عين شمس منذ مايو 2018- حتى تاريخه
20	مقرر لجنة العلاقات الثقافية بكلية الصيدلة جامعة عين شمس 20 مايو 2018- حتى تاريخه
21	مقرر لجنة المكتبات بكلية الصيدلة جامعة عين شمس 20 مايو 2018- حتى تاريخه
22	عضو مجلس كلية الصيدلة فى العام الدراسى 2008/2007 و منذ عام 2013 و حتى تاريخه
23	عضو مجلس قسم الميكروبيولوجيا و المناعة منذ عام 2006 و حتى الان
24	رئيس عام كمنترول الدراسات العليا و البحوث كلية الصيدلة منذ العام الجامعى 2019/2018 و حتى تاريخه
25	رئيس كمنترول الفرقة الرابعة بالكلية لمدة اربعة اعوام جامعية وهى 2013/2012 و 2014/2013 و 2015/2014 و 2016/2015
26	عضو الكمنترول التراكمى للعام الجامعى 2015/2014

المشاركة فى اعمال الكنترولات لطلاب البكالوريوس (برنامج بكالوريوس العلوم الصيدلانية و برنامج بكالوريوس العلوم الصيدلانية و التصميم الدوائى) و الدراسات العليا (دبلوم - ماجستير - دكتوراه).فى الفترة من 2006 حتى 2013	27
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الدورات وورش العمل	Training Courses/ Workshops
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م	اسماء الدورات وورش العمل	مكان الانعقاد	التاريخ
1	دوره مستشار ثقافي وذلك ضمن الثلاثة اعضاء المرشحين كمستشار ثقافي لدولة النمسا وذلك بعد اجتياز الاربعة مراحل للمسابقة و مقابلة وزير التعليم العالى-	الأكاديمية الوطنية للتدريب (NAT) - مدينة 6 اكتوبر	19 Jul-27 August 2020
2	دوره المعلوماتية الحيويه H3ABioNet Introduction to Bioinformatics Course (attendance and coordinator) https://mailchi.mp/7bd0f18ed224/ibt_2020-classroom-host-applications	online بالتنسيق مع كلية الطب جامعة عين شمس (ا. سمر قاسم و اد. ريم سلام)	12 May-6 August 2020
3	Sharing Responsible Science Curriculum workshop و Sandia National Laboratory CRDF (USA)	فندق ماريوت - القاهرة	03-07 Nov 2019
4	Web of Science Journal selection with colloboartion Egyptian Knowlegd Bank (EKB)	أكاديمية البحث العلمى - القاهرة	25 Feb. 2019
5	Chemical security Vulnerability Assessments and Risk mitigation for the Pharmaceutical Industry workshop	Sandia National Laboratory (USA) or- Hilton Zamalek Residence Cairo	9-13 Sep. 2018
6	الادارة الفعالة	QAAC (Quality assurance and accreditation center), Ain Shams University	15-16 Juli 2018
7	المراجعة الخارجية لكليات التعليم العالى	الهيئة القومية لضمان جودة التعليم و الاعتماد - دار المدرعات - القاهرة	30 Jan-1 Feb 2018
8	التخطيط الاستراتيجى لكليات الجامعة	الهيئة القومية لضمان جودة التعليم و الاعتماد - دار المدرعات - القاهرة	28-29, Jan 2018
9	توصيف البرامج و المقررات و تقويم النواتج	الهيئة القومية لضمان جودة التعليم و الاعتماد - دار المدرعات - القاهرة	21-23, Jan 2018
10	التقويم الذاتى لكليات و معاهد الجامعة	الهيئة القومية لضمان جودة التعليم و الاعتماد - دار المدرعات - القاهرة	16-18, Jan 2018
11	Competency based NARS	الهيئة القومية لضمان جودة التعليم و الاعتماد Golden Tulip Flamenco Hotel, El Zamalek, Cairo	18-19 December 2017

21-22, Feb 2017	TDC (the training and development center) مركز التدريب و التطوير جامعة عين شمس	التخطيط الاستراتيجي	12
19-20, Feb 2017	TDC (the training and development center) مركز التدريب و التطوير جامعة عين شمس	اتخاذ القرار و حل المشكلات	13
14-15 Feb 2017	TDC (the training and development center) مركز التدريب و التطوير جامعة عين شمس	الادارة الجامعية	14
13-16 May 2016	Faculty of medicine, Al_Azhar University (Girls)	Use of tissue culture in diagnosis of hepatitis viruses	15
May. 2016	QAAC (Quality assurance and accreditation center), Ain Shams University	التوثيق و ادارة الملفات في ضمان الجودة (بالمؤسسات التعليمية)	16
Dec. 2015	QAAC (Quality assurance and accreditation center), Ain Shams University	نظم الامتحانات و التقويم	17
Dec. 2015	QAAC (Quality assurance and accreditation center), Ain Shams University	تحديث الدراسة الذاتية	18
Sep. 2014	Faculty of Science, Al-Azhar University	Molecular Biology and Tissue culture	19
Mars 2014	QAAC, Ain Shams University	تحديث الخطة الاستراتيجية و التنفيذية للكليات	20
Aug. 2013	Ain Shams University	اداب و سلوكيات المهنة	21
Aug. 2010	QAAC, Ain Shams University	Competitive Research Projects	22
Nov. 2009	QAAC, Ain Shams University	Quality Management System, (ISO 9001/2008) IWA2	23
Jul. 2009	QAAC, Ain Shams University	Academic Reference Standards	24
Jul. 2009	QAAC, Ain Shams University	Research Team Management	25
Sep. 2008	QAAC, Ain Shams University	Time and Meeting Management	26
Sep. 2008	QAAC, Ain Shams University	Ethics of Scientific Research	27
June 2007	QAAC, Ain Shams University	International Publication	28
Mar. 2007	Faculty of Veterinary Medicine Biotechnology center for service and Researches	Application of Modern Immuno-Diagnostic techniques for Diagnosis Infectious diseases by ELISA	29
April 2005	Chemical Microbiology deptment, Bergische Universität Wuppertal, Germany	Cosmid Library	30
Oct. 2004	Chemical Microbiology deptment, Bergische Universität Wuppertal, Germany	Southern Hybridization	31

Dec. 2003	Chemical Microbiology deptment, Bergishe Universität Wuppertal, Germany	Molecular Cloning and gene expression	32
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-المشاركة في عضوية هيئات دولية وفي تحكيم أبحاث والتمثيل في منظمات وجمعيات محلية وإقليمية ودولية

Scientific Membership		
1	American Society of Microbiology (ASM) at the Contributing Membership level, a global community	membership number is: 200179329
2	Founder of the Internation Culture Collections Ain Shams University (CCASU) http://www.wfcc.info/ccinfo/collection/col_by_country/e/20/ on World Data Center For Microorganisms (WDCM) http://www.wfcc.info/ccinfo/detail	Registration number 1186 رقم ايداع دولي 1186
3	Directory Open Access Journals (DOAJ) https://doaj.org/	membership number (Publisher) is: Hi23568380
4	Reviewer of Science, Technology, Innovation, Fundung Authority (STIFA)	Member ID 19542
5	Egyption Socity of Biotechnology ٤٢٠٦ لسنة بالجمعية المصرية للتكنولوجيا الحيوية المشهورة برقم ١٩٩٥	عضوا
6	Egyptian network for Research Ethics Committee (ENREC)	عضوا
7	Membership of Egyptian Pharmacist Syndicate, Egypt	عضوا
تحكيم رسائل/مشاريع/ ابحاث علمية		
1	Peer Reviewer of the following journals: Infection and Drug resistnce, GENE, PLOS ONE. AMB express, Applied Microbiology and Immunology, Scientific reports, Journal of ophthalmology, Plos Pathogens, Applied Biochemistry and Biotechnology, BMC microbiology, Biomedical research international, Biomedical Research International, BMC biochemistry, Microbes and infectious Disaeses, Journal of Bioinformatics and Sequence analysis, Journal of microbiology and antimicrobials, Agriculture Science research journal, African Journal of Biochemistry, African journal of Microbiology Research, Future Journal of Pharmaceutical science, Bulletin faculty of pharmacy Cairo University, International Research journal of medicine and biomedical sciences., University of Mauritius Research Journal, Archives of pharmaceutical sciences Ain Shams university, Journal of paediatric infectious diseases, Al Azhar journal of Microbiology, Clinical epidemiology, Microbiology	
2	Project Evaulation: STDF project (ID 33391) at 30 October 2018 and STDF proposal ID at 22 December 2018, ID 44025 at 16.09.2020	
3	External Examiner for many Master and PhD thesis from faculty of pharmacy of Cairo University, Suez Canal University, Al Azhar University, and Tanta University - تحكيم رساله دكتوراه من دولة ماليزيا <u>THESIS ONLINE SYSTEM; UPM University, Malaysia</u> (Sekolah Pengajian Siswazah (School of Graduates	

4	External Examiner for oral examinations of various faculties of pharmacy, of different universities such as: Cairo, Alexandria, Al-Azhar (Boys & Girls), El-Mansoura, Tanta, Helwan, Sina, Ahram Canadian (ACU), Miser International (MIU), EL-Nahada University, Misr University for Science and Arts (MSA), Delta University, FUE, RUE.
5	Award evaluation : تحكيم جوائز: تحكيم جوائز جامعة القاهرة التشجيعية للعام الجامعي 2018/2017 و العام الجامعي 2019/2018
6	Patent evaluations: الوارده الينا من أكاديمية البحث العلمي والتكنولوجيا – مكتب براءة الإختراع بوزارة التعليم العالي و البحث العلمي
	1 براءة الإختراع رقم 147 لسنة 2003 بتاريخ 15 سبتمبر 2019
	2 براءة الإختراع رقم 215 لسنة 2009 PCT بتاريخ 10 فبراير 2020
	3 براءة الإختراع رقم 1233 لسنة 2007 PCT بتاريخ 10 فبراير 2020

مراجعة لوائح/برامج

1	عمل مراجعة واعداد تقرير مفصل عن لائحة الدبلوم المهني فى الدراسات العليا بكلية الدراسات العليا للطفولة جامعة عين شمس من قسم الدراسات النفسية بتاريخ 17 ابريل 2019
2	عمل مراجعة واعداد تقرير مفصل عن لائحة برنامج الماجستير في علوم الحاسب و المعلومات تخصص المعلوماتية الصحية (Informatics Health) كلية الحاسبات و المعلومات بتاريخ 22 ابريل 2019
3	مراجع خارجي لبرامج الدراسات العليا كلية الصيدلة جامعة الازهر فرع البنات فى 15 مايو 2018
4	مراجع خارجي لمقرارات قسم الميكروبيولوجي و المناعة كلية الصيدلة الجامعة الالمانية 2018

اعمال انشائية

1	قام بتاسيس و تجهيز المعمل المركزى بكلية الصيدلة جامعه عين شمس فى مارس 2021
2	شارك فى وضع المواصفات الفنية للعديد من اجهزه قسم الميكروبيولوجيا و المناعة كلية الصيدلة – جامعة عين شمس مثل: (gradient PCR, Sterlizing oven, Autoclave, Sonicator, Microscopes, centrifuge, Spectrophotometer, Water distiller, digital balance, Gel electrophoretic units, incubators)
3	شارك فى البت الفنى و المالى للعديد من اجهزه قسم الميكروبيولوجيا و المناعة- كلية الصيدلة – جامعة عين شمس
4	شارك فى البت الفنى و المالى لبعض الاجهزه الخاصة بالمعمل المركزى – كلية الصيدلة – جامعة عين شمس مثل جهاز Real time PCR و Inverted Microscope

التدريس الجامعى:

اولا: مرحلة البكالوريوس

1	شارك فى التدريس النظرى لمقررات الميكروبيولوجيا والمناعة (الفرقة الاولى) والميكروبيولوجيا الصيدلانية و الطفيليات و الميكروبيولوجيا الطبية (الفرقة الثانية) و التكنولوجيا الحيوية و الصحة العامة (الفرقة الرابعة) فى برنامج (BPS) منذ عام 2005 و حتى الان بكالوريوس العلوم الصيدلانية
2	شارك فى تدريس مقررات الميكروبيولوجيا والمناعة (المستوى الثانى) والميكروبيولوجيا الصيدلانية و الطبية و و الصحة العامة و الطفيليات (المستوى الثالث) و الرقابة الميكروبيولوجية والتكنولوجيا الحيوية و الصحة العامة و الطفيليات (المستوى الخامس) فى برنامج بكالوريوس العلوم الصيدلانية و (التصميم الدوائى بنظام الساعات منذ عام 2007 و حتى الان (BPSDD)المعتمدة)
3	تجهيز الحصص العملية فى الميكروبيولوجيا و المناعة فى الفتره من 1996 – 2001
4	الاشراف على الحصص العملية و الامتحانات الدورية للميكروبيولوجيا و المناعة منذ عام 2005 و حتى الان
5	شارك فى وضع الاسئلة النظرية و الامتحانات الشفهية و التصحيح النظرى و العملى منذ عام 2005 و حتى الان
6	شارك فى وضع الكتب النظرية فى الميكروبيولوجيا و المناعة لطلاب الفرقة الاولى و الثانية و الرابعة منذ عام 2005 و حتى الان
7	منتدب للتدريس لبعض الوقت بكلية الصيدلة-بجامعة الاهرام الكنديه منذ عام 2007 وحتى 2014 و فى كلية العلوم الصيدلانية -جامعة المستقبل للعام الجامعى 2015/2016 و العام الجامعى 2016/2017

ثانيا: مرحلة الدراسات العليا

1	شارك فى تدريس مقررات علم المناعة الدوائية و الرعاية الصحية لطلاب دبلوم الصيدلة الاكلينيكية منذ عام 2013/2014 و حتى تاريخه
2	شارك فى تدريس مقرر المعلوماتية الحيوية لطلاب تمهيدى ماجستير للعام الجامعى 2016/2017 و العام الجامعى 2017/2018 و العام 2018/2019 و العام 2019/2020 بنظام الساعات المعتمدة
3	شارك فى تدريس مقررات الرقابة الميكروبيولوجية و الكيمياء الحيوية وميكروبيولوجيا الامراض و علم المناعة المتقدم و الميكروبيولوجيا الصناعية لطلاب الدراسات العليا (ماجستير) منذ عام 2006 و حتى الان
4	شارك فى تدريس مقررات البيولوجيا الجزيئية و الميكروبيولوجيا التشخيصية و علم الفيروسات المتقدم و علم الفطريات لطلاب الدراسات العليا (ماجستير -دكتوراة لائحة قديمة) منذ عام 2006 و حتى الان
5	شارك فى السيمينارات العلمية على مستوى القسم و الكلية و كذلك فى دورات التدريب الصيفى منذ عام 2005 و حتى الان

الرسائل العلمية و الانشطة العلمية

1	ساهم فى الاشراف داخل الكلية على سبعة و عشرون رسالة ماجستير تم منح ستة عشرة منهم و ثمانية عشر رسالة دكتوراه تم منح الدرجة العلمية ل عشرة منهم وذلك من كليات الصيدلة جامعة عين شمس و طنطا و مصر الدولية و الاهرام الكندية و مصر للعلوم الحديثة و الاداب والجامعة الالمانية وهيئة الرقابة الدوائية و المركز القومى للبحوث و مركز الرصد البيئى وهيئة الطاقة الذرية و شركة سيجما لادويةو جامعة الازهر (فرع اسيوط-بنين) و جامعة الازهر (فرع القاهرة-بنات) . (مرفق بيان بعناوين الرسائل العلمية). و رسالة ماجستير من خارج الكلية (قسم الميكروبيولوجيا و المناعة -جامعة طنطا) و رسالة دكتوراة (قسم
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الميكروبيولوجيا و المناعة -جامعة الازهر-بنات) بعد الحصول على لقب مدرس منذ عام 2006 و حتى تاريخه (مرفق)	
تم نشر 88 بحث منهم 73 بحثا فى مجلات عالمية و15 ابحاث فى مجلات محلية	2
تم عمل 2 براءة اختراع (واحد عالمى من رسالة الدكتوراة فى المانيا) و اخر محلى (مرفق)	3
تم اكتشاف و نشر مائة و سبعة عشر تتابع نيكلو تيدي لجينات مختلفة وتسجيلها بالبنك الجينى العالمى NCBI-GenBank database و مرفق ارقام التسجيلات (مرفق)	4
تم المشاركة فى عمل كتاب دولى عن التكوين الحيوى للمضادات الحيوية لمجموعة الامينوجليكوزيدز و موجود على online تحت عنوان Aminoglycoside Antibiotics From Chemical Biology to Drug Discovery. Chapter 2, pp. 15 – 118. Ed.: Arya Dev P., Print ISBN: 978-0-471-74302-6, Online ISBN: 978-0-471-4967-6, John Wiley & Sons, inc., publication, Wiley- VCH, Hoboken, New Jersey, USA. http://www3.interscience.wiley.com/cgi-bin/bookhome/114034360	5

الاتفاقيات الدولية و التعاون الدولي

W42 GmbH, شركة التكتولوجيا الحيوية بالمانيا a German corporation located at Otto-Hahn-Straße 15, im BMZ, D-44227 Dortmund, Germany (the “Partner”), represented by Prof Dr. Ansgar Stratmann, <i>Production of Cephalosporin C (CPC) by the industrial strain Acremonium chrysogenum W42-I”</i>	1
منسق التعاون الدولي ممثلا عن كلية الصيدلة جامعة عين شمس و جامعة المصادر الطبيعية و علوم الحياة بفيينا بالنمسا وذلك للعام الجامعى 2019-2020 (ابحاث مشتركة و تبادل خبرات مجلات التكتولوجيا الحيوية و النانوتكنولوجي و الغذاء و التغذية و الصحة) وذلك في 25 اغسطس 2019	2

تنظيم الانشطة الثقافية و التدريبية

تنظيم الدورة التدريبية (IBT_2020) H3ABioNet Introduction to Bioinformatics Course في الفترة من 12 مايو 2020 حتى 6 اغسطس 2020 (online) OUR CLASSROOM: Faculty of Pharmacy-Ain Shams University https://mailchi.mp/7bd0f18ed224/ibt_2020-classroom-host-applications	1
تنظيم دورات علمية للعام الجامعى 2018-2019 و للعام الجامعى 2019-2020 في مجالات النشر العلمى و ابحاث النانو و ذلك بالتعاون مع بنك المعرفة المصري (EKB) و مؤسسات: Elsevier, Springer nature, Web of Science, Scival, Cell Press	2
منسق القطاع الطبى في المؤتمر العلمى الثامن لقطاع الدراسات العليا لجامعه عين شمس تحت عنوان (الابداع -الابتكار -الصناعة) في الفترة من 1-3 ابريل 2019	3

4	منسق عام مؤتمر الواحد و العشرون للصيادلة العرب و الذى تنظمة كلية الصيدلة جامعة عين شمس في مصر في الفترة من 13-15 نوفمبر 2018 تحت عنوان: (Future Trends for development of Pharmaceutical Education and Research)
5	تقديم وتجهيز كل المستندات اللازمة لادراج مجلة الكلية (https://aps.journals.ekb.eg/) في قواعد بيانات بنك المعرفة المصري (EKB) وقاعدة بيانات Publons وقاعدة بيانات Directory Open Access Journals (DOAJ) (https://doaj.org/)
6	عضو اللجنة المشكلة من قبل ادارة الكلية لميكنة اعمال شؤون الطلاب و الكنترول بالطلية باستخدام برنامج انماء
7	اشراف سيادته على مشاريع التخرج سنويا ببرنامج التصميم الدوائى منذ عام 2012 وحتى تاريخه
8	القيام بعمل دورات تدريبية سنوية صيفية للطلاب و الخريجين من داخل وخارج الكلية لمدة خمس ايام لدورة ممارسة مهنة الصيدلة و خمس ايام اخرى لدورة كيفية قراءة التحاليل الطبية و ذلك في صيف 2013/2012 و 2014/2013 و 2016/2015 و Gateway: Pharmacy Practice and Public Health
9	المشاركة فى القاء الدورة التدريبية الصيفية المقامة داخل كلية الصيدلة جامعة الاهرام الكندية بالاشتراك مع نقابة الصيادلة و ذلك لمدة 3 ايام و ذلك فى صيف 2014 و صيف 2015
10	القاء محاضرات توعية عن ممارسة مهنة الصيدلة بالاشتراك مع نقابة الصيادلة و ذلك لمدة يومين فى صيف 2016
11	المشاركة بكتابة بعض الارشادات الصحية الخاصة ببعض الامراض و كيفية علاجها و الادوية المستخدمة و ذلك على الموقع الالكتروني لجريدة اليوم السابع. و لقاءات حصريه فى الاذاعه التعليمية (شبكة الاذاعات المتخصصة)
12	المشاركة فى الموسم الثقافى السنوى للعام الجامعي 2017-2019 الذى يقام بكلية الصيدلة تحت رعاية السيد الاستاذ الدكتور وكيل الكلية لخدمة المجتمع وتنمية البيئة بكلية الصيدلة و ذلك تحت عنوان الافراط فى استخدام المضادات الحيوية للاطفال و ايضا فى العام الجامعي 2018-2019 تحت عنوان عدوى الجلد الميكروبية و كذلك ايضا للعام الجامعي 2019-2020 تحت عنوان كيفية الوقاية و الاسعافات الازمه لامراض السعار و التيتانوس (مرفق)
13	عمل حوارات صحفية متعددة عن سوء استخدام المضادات الحيوية و جائحة كورونا و عن التطورات المناعية و العلاجية لبعض الامراض الخطيرة مثل الايدز و الكورونا و التسمم الغذائى و حمى الدنك و غيرها (مرفق)

اعمال الجودة

اولا: اعمال الجودة بالجامعة:

1	المشرف العام ورئيس معيارين من معايير اعتماد جامعة عين شمس و هما معيار القيادة و الحوكمة ومعيار الجهاز الاداري
2	المشاركة في زيارات الدعم الفنى لكلية الحاسبات و المعلومات و كلية البنات جامعة عين شمس.

3	حضور الاجتماعات الخاصة باعمال الجودة بالجامعة مخع مدير مركز ضمان الجودة بالجامعة و ذلك من منذ العام الجامعى 2013/2012 و حتى العام الجامعى 2018/2017
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ثانيا: اعمال الجودة بالكلية:

1	مقرر لجنة وضع الخطة الاستراتيجية فى عام 2018-2023 و رئيس فريق متابعة تنفيذ الخطة المشاركة في عمل توصيفات لجميع برامج الدراسات العليا بنظام الساعات المعتمدة
2	المدير التنفيذى لوحة توكيد الجودة منذ عام 2012 و حتى نوفمبر 2017..
3	شارك فى وضع الخطة الاستراتيجية فى عام 2018-2013 و رئيس فريق متابعة تنفيذ الخطة
	رئيس فريق المراجعين الداخليين للمراجعة على الاقسام العلمية و الادارية و الكنترولات (طلبة ودراسات عليا) و الوحدة ذات الطابع الخاص منذ عام 2009 حتى 2011
	شارك فى عمل توصيف و تقارير المقررات التى يقوم القسم بتدريسها او الاشراف عليها حتى تاريخه

Dr. Khaled Aboshanab

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