

## Microbiology Department International publications (2013 – 2023)

Serial	Publication title	Journal name	Publication year	Journal Quartile	Impact factor	Authors from the department
1	Staphyloxanthin as a Potential Novel Target for Deciphering Promising Anti-Staphylococcus aureus Agents.	Antibiotics	2022	Q2	4.639	Aboshanab KM*, Sarrah E. Saleh
2	Isolation, Propagation and Genotyping of Human Rotaviruses Circulating among Children with Gastroenteritis in Two Egyptian University Hospitals	Biology	2022	Q1	5.168	El-Gayar, Mona H., Sarrah E. Saleh, Mohammad M. Aboulwafa*, Nadia A. Hassouna
3	In vitro Anti SARSCoV-2 Activity and Docking Analysis of Pleurotus ostreatus, Lentinula edodes and Agaricus bisporus Edible Mushrooms	Dove press	2022	Q1	4.79	Elleboudy NS, Yassien MA, Aboshanab KM*
4	Antibiofilm activity of green synthesized silver nanoparticles against biofilm associated enterococcal urinary pathogens	Scientific reports	2022	Q1	4.996	Walid F. Elkhatib, Mahmoud A. Yassien.
5	Characterization and anti-biofilm activity of bacteriophages against urinary tract Enterococcus faecalis isolates	Scientific reports	2022	Q1	5.816	Ahmad M. Abbas, Mahmoud A. Yassien
6	Immunomodulatory activity of extracts from five edible basidiomycetes mushrooms in Wistar albino rats.	Scientific reports	2022	Q1	4.996	Elleboudy NS, Yassein MA, Aboshanab KM*
7	Evaluation of lyophilized royal jelly and garlic extract emulgels using a murine model infected with methicillin-resistant Staphylococcus aureus	AMB express	2022	Q1	3.298	El-Gayar, M.H. Aboshanab KM* Mohammad M. Aboulwafa
8	Assessment of the latest prescribed drug-related problems	European Review for Medical and Pharmacological Sciences	2022	Q2	4.612	A.I. ABDAL HAFIZ

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9	Insights on the performance of phenotypic tests versus genotypic tests for the detection of carbapenemase-producing Gram-negative bacilli in resource-limited settings	BMC Microbiology	2022	Q2	3.605	Aboshanab KM*
10	Evaluation of the Available Variant Calling Tools for Oxford Nanopore Sequencing in Breast Cancer	MDPI Genes	2022	Q2	3.886	Khaled M. Aboshanab*
11	An Anti-MRSA Phage From Raw Fish Rinse: Stability Evaluation and Production Optimization	Frontiers in Cellular and Infection Microbiology	2022	Q1	6.073	Israa Mohammed Abd-Allah, Ghadir S El-Housseiny, Khaled M. Aboshanab, Nadia A. Hassouna
12	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	Q2	1.84	Aboshanab KM * Saleh SE
13	Evaluation of the BioFire FilmArray Pneumonia Panel Plus to the Conventional Diagnostic Methods in Determining the Microbiological Etiology of Hospital-Acquired Pneumonia	MPDI Biology	2022	Q2	3.886	Aboshanab KM*
14	Evaluation and Correlation of Rabies Vaccine Potency Using the National Institute of Health, Rapid Focus Fluorescent Inhibition, and Passive Hemagglutination Tests	Mary Ann Liebert, inc	2022	Q2	3.644	Aboshanab KM*
15	New insights on mucormycosis and its association with the COVID-19 pandemic	Future Science OA	2022	Q3	1.262	Khaled M. Aboshanab* El-Housseiny GS, Elsayed NS
16	A Metagenomic Nanopore Sequence Analysis Combined with Conventional Screening and Spectroscopic Methods for Deciphering the Antimicrobial Metabolites Produced by <i>Alcaligenes faecalis</i> Soil Isolate MZ921504.	Antibiotics (Basel)	2021	Q2	4.639	Aboshanab KM*

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17	Impact of target site mutations and plasmid associated resistance genes acquisition on resistance of <i>Acinetobacter baumannii</i> to fluoroquinolones.	Scientific Reports	2021	Q1	4.380	Aboshanab KM, Aboulwafa MM*.
18	OXA-48 Carbapenemase-Encoding Transferable Plasmids of <i>Klebsiella pneumoniae</i> Recovered from Egyptian Patients Suffering from Complicated Urinary Tract Infections.	Biology (Basel)	2021	Q1	5.079	Elshamy AA, Saleh SE, Aboshanab KM*, Aboulwafa MM, Hassouna NA
19	Antibiotics Combinations and Chitosan Nanoparticles for Combating Multidrug Resistance <i>Acinetobacter baumannii</i> .	Infection and Drug Resistance	2021	Q2	4.003	Sarra E Saleh, Khaled M Aboshanab*
20	Antiviral, Cytotoxic, and Antioxidant Activities of Three Edible Agaricomycetes Mushrooms: <i>Pleurotus columbinus</i> , <i>Pleurotus sajor-caju</i> , and <i>Agaricus bisporus</i>	Journal of Fungi	2021	Q1	5.816	Nooran S. Elleboudy, Khaled M. Aboshanab*, Mahmoud A. Yassien
21	Proteome Analysis and In Vitro Antiviral, Anticancer and Antioxidant Capacities of the Aqueous Extracts of <i>Lentinula edodes</i> and <i>Pleurotus ostreatus</i> Edible Mushrooms.	Molecules	2021	Q2	4.412	Elleboudy NS, Yassein MA, Aboshanab KM*
22	Association of Macrolide Resistance Genotypes and Synergistic Antibiotic Combinations for Combating Macrolide-Resistant MRSA Recovered from Hospitalized Patients	Biology (Basel)	2021	Q1	5.079	Bishr AS, Abdelaziz SM, Yassien MA, Hassouna NA, Aboshanab KM*
23	In vivo evaluation of a recombinant N-acylhomoserine lactonase formulated in a hydrogel using a murine model infected with MDR <i>Pseudomonas aeruginosa</i> clinical isolate, CCASUP2	AMB Express	2021	Q2	3.298	Masarrs M Sakr, Elkhatib WF, Aboshanab KM*, Yassien MA, Hassouna NA
24	<i>Streptomyces griseus</i> KJ623766: A Natural Producer of Two Anthracycline Cytotoxic Metabolites $\beta$ - and $\gamma$ -Rhodomycinone.	Molecules	2021	Q2	4.612	Zaid ASA, Yassien MA, Hassouna NA, Aboshanab KM*

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<b>25</b>	Streptomyces variabilis isolate MW091521: A new microbial source of Heliomycin.	Applied Biochemistry and Microbiology	2021	Q4	0.884	Abuzaid AS, Yassien MA, Aboshanab KM*,
<b>26</b>	Rekindling of a Masterful Precedent; Bacteriophage: Reappraisal and Future Pursuits.	Frontiers in Cellular and Infection Microbiology	2021	Q1	5.293	Abd-Allah IM, El-Housseiny GS, Aboshanab KM*, Hassouna NA
<b>27</b>	Exploring SARS-CoV-2 Spikes Glycoproteins for Designing Potential Antiviral Targets.	Viral Immunology	2021	Q2	2.257	Khaled M. Aboshanab*
<b>28</b>	Serotyping and antimicrobial resistance Profile of enteric nontyphoidal Salmonella recovered from febrile neutropenic patients and poultry in Egypt	Antibiotics (Basel)	2021	Q1	4.639	Ahmed Abass, Khaled M. Aboshanab*
<b>29</b>	Multimodal Interventions to Prevent and Control Carbapenem-Resistant Enterobacteriaceae and Extended-Spectrum $\beta$ -Lactamase Producer-Associated Infections at a Tertiary Care Hospital in Egypt	Antibiotics (Basel)	2021	Q1	4.639	Aboshanab KM*
<b>30</b>	Correlation between the Antibiotic Resistance Genes and Susceptibility to Antibiotics among the Carbapenem-Resistant Gram-Negative Pathogens	Antibiotics (Basel)	2021	Q1	4.639	Abdelaziz SM, Aboshanab KM*, Yassien MA, Hassouna NA
<b>31</b>	Production and statistical optimization of Paromomycin by Streptomyces rimosus NRRL 2455 in solid state fermentation	BMC Microbiology	2021	Q2	3.605	El-Housseiny GS, Ibrahim AA, Yassien MA, Aboshanab KM*.
<b>32</b>	New Insights on Mucormycosis and its association with COVID-19 pandemic	Future Science OA	2021	Q3	1.262	Ghadir S. El-Housseiny, Noha S. Elsayed, Khaled M. Aboshanab*

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<b>33</b>	Evaluation and Correlation of Rabies Vaccine potency using the National Institute of Health, Rapid Focus Fluorescent Inhibition, and Passive Hemagglutination Tests	Viral Immunology	2021	Q2	2.257	Khaled M. Aboshanab*, Mohammad M.
<b>34</b>	Effect of Subinhibitory Concentrations of Some Antibiotics and Low Doses of Gamma Radiation on the Cytotoxicity and Expression of Colibactin by an Uropathogenic Escherichia coli isolate	Current Microbiology	2021	Q4	1.746	Mohammed Mabrouk, Sarra E. Saleh
<b>35</b>	Biofilm formation by Streptococcus mutans and its inhibition by green tea extracts.	AMP express	2021	Q2	2.499	Mohammed Mabrouk, Sarra E. Saleh
<b>36</b>	Types and Roles of cyclomodulins in Carcinogenesis	Critical Reviews in Microbiology	2021	Q1	7.349	Mohammed Mabrouk, Sarra E. Saleh
<b>37</b>	Expression of immune check point gene TIM-3 in patients newly diagnosed with acute myeloid leukemia: Significance and impact on outcome.	Oncology Letters	2021	Q4	2.9	Elleboudy N. S.
<b>38</b>	Optimization of Biomethane Production via Fermentation of Chicken Manure Using Marine Sediment: A Modeling Approach Using Response Surface Methodology.	International Journal of Environmental Research and Public Health.	2021	Q1	3.39	Elleboudy N. S.
<b>39</b>	Latest updates on SARS-CoV-2 genomic characterization, drug, and vaccine development; a comprehensive bioinformatics review	Microbial Pathogenesis	2021	Q2	3.7	Masarra M. Sakr, Noha S. Elsayed, Ghadir S. El-Housseiny
<b>40</b>	MDR Acinetobacter baumannii biofilms: Evaluation of phenotypic- genotypic association and susceptibility to cinnamic and gallic acids	Frontiers in Microbiology	2021	Q1	5.640	Elkhatib, W. F., Elleboudy N. S.

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41	Cloning and sequencing of <i>IsaE</i> efflux pump gene from MDR Enterococci and its role in erythromycin resistance.	Infection, Genetics and Evolution	2021	Q3	3.3	Elleboudy N. S., El-Housseiny G. S., Yassien M. A.
42	Improvement of caffeic acid biotransformation into para-hydroxybenzoic acid by <i>Candida albicans</i> CI-24 through mutation and model-based optimization.	Biotechnology and Applied Biochemistry	2021	Q3	2.4	Singab, R. A., Elleboudy, N. S., Elkatib W. F., Yassein, M.A., Hassouna N.A.-H.
43	Correction: Clinical characteristics of Egyptian male patients with COVID-19 acute respiratory distress syndrome	Plos one	2021	Q1	3.04	Elkhatib WF
44	The antibacterial effect and the incidence of post-operative pain after the application of nano-based intracanal medications during endodontic retreatment: a randomized controlled clinical trial	Clinical Oral Investigations	2021	Q1	3.573	Elkhatib WF
45	Biogenic and biocompatible silver nanoparticles for an apoptotic anti-ovarian activity and as polydopamine-functionalized antibiotic carrier for an augmented antibiofilm activity.	Colloids Surf B Biointerfaces	2021	Q1	3.997	Elkhatib WF
46	Global dynamics of SARS-CoV-2 clades and their relation to COVID-19 epidemiology.	Scientific Reports.	2021	Q1	4.379	Elkhatib WF
47	Phenotypic characterization of NKT-like cells and evaluation of specifically related cytokines for the prediction of unexplained recurrent miscarriage.	Heliyon	2021	Q1	2.85	Elkhatib WF
48	Trastuzumab immunogenicity development in patients' sera and in laboratory animals	BMC Immunology	2021	Q2	3.36	Mohammad Mabrouk Aboulwafa

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49	Persisters of <i>Klebsiella pneumoniae</i> and <i>Proteus mirabilis</i> : a common phenomenon and different behavior profiles	Current Microbiology	2020	--	1.595	Walid F. Elkhatib, Mohammad M. Aboulwafa, Nadia A. Hassouna
50	Production, characterization and bioinformatics analysis of l-asparaginase from a new <i>Stenotrophomonas maltophilia</i> EMCC2297 soil isolate.	AMB Express	2020	--	2.499	Walid F. Elkhatib, Mohammad Aboulwafa
51	Prevalence of Plasmid-mediated Resistance Genes Among Multidrug-Resistant Uropathogens in Egypt. African Health Sciences	African Health Sciences March	2020	---	0.784	Ann A. Elshamy, Khaled M. Aboshanab*, Mahmoud A. Yassien, Nadia A. Hassouna
52	A review on bacterial resistance to carbapenems: epidemiology, detection and treatment options	Future Sciences OA	2020	--	3.25	Ann A. Elshamy, Khaled M. Aboshanab*
53	The immune checkpoints CTLA-4 and LAG-3 expression is upregulated in acute myeloid leukemia.	HLA Immune Response Genetics	2020	--	1.000	N. S. Elleboudy
54	Propranolol, chlorpromazine and diclofenac restore susceptibility of extensively drug-resistant (XDR)- <i>Acinetobacter baumannii</i> to fluoroquinolones.	PLoS One.	2020	--	2.9	Aboulwafa MM, Khaled M. Aboshanab
55	Carbapenemase Producers Among Extensive Drug-Resistant Gram-Negative Pathogens Recovered from Febrile Neutrophilic Patients in Egypt.	Infect Drug Resist.	2020	--	2.98	Khaled M. Aboshanab
56	Optimized Production of the Allylamine Antifungal "Terbinafine" by <i>Lysinibacillus</i> Isolate MK212927 Using Response Surface Methodology	Infect Drug Resist.	2020	--	2.98	El-Housseiny GS*, Aboshanab KM, Aboulwafa MM, Hassouna NA

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57	Structural and Physicochemical Characterization of Rhamnolipids produced by <i>Pseudomonas aeruginosa</i> P6.	AMB Express.	2020	--	2.8	Khaled M. Aboshanab
58	Staphylococcal Enterotoxins and Toxic Shock Syndrome Toxin-1 and Their Association among Bacteremic and Infective Endocarditis Patients in Egypt	Biomed Res Int.	2020	--	2.9	Khaled M. Aboshanab
59	Octadecyl 3-(3, 5-di-tert-butyl-4-hydroxyphenyl) propanoate, an antifungal metabolite of <i>Alcaligenes faecalis</i> strain MT332429 optimized through response surface methodology	Appl Microbiol Biotechnol.	2020	--	3.5	El-Housseiny GS, Khaled M. Aboshanab
60	Rhamnolipid production by a gamma ray-induced <i>Pseudomonas aeruginosa</i> mutant under solid state fermentation.	AMB Express	2019	--	2.226	Ghadir S. El-Housseiny, Khaled M. Aboshanab, Mohammad M. Aboulwafa, Nadia A. Hassouna
61	Experimental and bioinformatics study for production of L-asparaginase from <i>Bacillus licheniformis</i> EMCC 2290: a promising enzyme for medical application.	AMB Express	2019	--	2.226	Walid F. Elkhatib, Mohammad M. Aboulwafa
62	Prevalence and pathologic effects of colibactin and cytotoxic necrotizing factor-1 (Cnf 1) in <i>Escherichia coli</i> : experimental and bioinformatics analyses.	Gut Pathogens	2019	--	3.169	Sarra E. Saleh, Mohammad M. Aboulwafa
63	Paromomycin production from <i>Streptomyces rimosus</i> NRRL 2455: Statistical optimization and new synergistic antibiotic combinations against Multidrug Resistant pathogens	BMC Microbiology	2019	--	3.287	Asmaa Ibrahim, Ghadir El-Housseiny, Khaled Aboshanab, Mahmoud A. Yassien, Nadia A. Hassouna.
64	Protein:Protein interactions in the cytoplasmic membrane apparently influencing sugar	PLOS ONE November 21	2019	--	2.776	Mohammad Aboulwafa



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	transport and phosphorylation activities of the E. coli phosphotransferase system					
<b>65</b>	XDR-Klebsiella pneumoniae isolates harboring blaOXA-48: In vitro and In vivo evaluation using a murine thigh-infection model.	Experimental Biology and Medicine	2019	--	3.005	Khaled Aboshanab
<b>66</b>	Prevalence of Plasmid-mediated Resistance Genes Among Multidrug-Resistant Uropathogens in Eryp. African Health Sciences (accepted, In press)	African Health Sciences	2019	--	0.784	Ann A. Elshamy, Khaled M. Aboshanab*, Mahmoud A. Yassien, Nadia A. Hassouna
<b>67</b>	Overexpressed recombinant quorum quenching lactonase reduces the virulence, motility and biofilm formation of multidrug-resistant Pseudomonas aeruginosa clinical isolates.	Applied Microbiology and biotechnology	2018	--	3.340	Masarra M. Sakr, Khaled M. Aboshanab, Walid F. Elkhatib, Mahmoud A. Yassien, Nadia A. Hassouna
<b>68</b>	Phenotypic screening and molecular characterization of carbapenemase-producing Gram-negative bacilli recovered from febrile neutropenic pediatric cancer patients in Egypt.	PLoS One	2018	--	2.766	Aboshanab KM
<b>69</b>	Kinetic modeling, recovery, and molecular characterization of poly-beta-hydroxybutyrate polymer in Acinetobacterbaumannii isolate P39.	Bioprocess BiosystEng	2018	--	2.139	Elsayed NS, Aboshanab KM, Yassien MA, Hassouna NA
<b>70</b>	Multiple mechanisms contributing to ciprofloxacin resistance among Gram negative bacteria causing infections to cancer patients.	Scientific Reports	2018	--	4.122	Walid F. Elkhatib, Khaled M. Aboshanab
<b>71</b>	The effect of Ahl-1 recombinant lactonase on the resistance of Pseudomonas aeruginosa clinical isolates.	World Journal of Pharmaceutical Sciences	2018	--	0.453	Masarra M. Sakr, Khaled M. Aboshanab, Walid F. Elkhatib, Mahmoud A. Yassien, Nadia A. Hassouna

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<b>72</b>	Prevalence of MDR Gram-negative Pathogens Isolated from Febrile Neutropenic Cancer Patients with Bloodstream Infections in Egypt and New Synergistic Antibiotic Combinations.	Infection and Drug Resistance	2018	--	3.443	Khaled Aboshanab
<b>73</b>	The transmembrane domain of the Staphylococcus aureus ESAT-6 component EssB mediates interaction with the integral membrane protein EsaA, facilitating partially regulated secretion in a heterologous host.	Arch Microbiol.	2018	--	1.607	Aboshanab KM
<b>74</b>	Plasmid-Mediated Quinolone Resistance in Gram Negative Pathogens isolated from Cancer Patients in Egypt.	Microbial Drug Resistance	2018	--	2.344	Khaled M. Aboshanab, Walid F. Elkhatib
<b>75</b>	Inhibition of Clostridium difficile in Mice Using a Mixture of Potential Probiotic Strains Enterococcus faecalis NM815, E. faecalis NM915, and E. faecium NM1015: Novel Candidates to Control C. difficile Infection (CDI).	Probiotics Antimicrob Proteins	2018	--	2.345	Elkhatib WF, Aboshanab KM
<b>76</b>	Improvement of bioconversion of vitamin D3 into calcitriol by Actinomyces hyovaginalis through protoplast fusion and enzyme immobilization	International Journal of Biotechnology for Wellness Industries	2017	--	--	Ahmad Abbas, Khaled Aboshanab, Walid Elkhatib, Mohammed M, Aboulwafa, Nadia Hassouna
<b>77</b>	Antivirulence and wound healing effects of royal jelly and garlic extract for the control of MRSA skin infections	Wound Medicine	2016	--	0.64	Mona H. El-Gayar, Khaled Mohamed Aboshanab, Mohammad Aboulwafa, Nadia Abdelhaleem Hassouna
<b>78</b>	Optimization of rhamnolipids production by Pseudomonas aeruginosa isolate P6	Journal of surfactants and detergents	2016	--	1.85	Elhousseiny G.A, Aboulwafa M.M, Aboshanab K, Hassouna N

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79	Cost-effective production of the bio-plastic poly- $\beta$ -hydroxybutyrate using <i>Acinetobacter baumannii</i> isolate p39	Journal of microbiology, biotechnology and food sciences	2016	--	0.9	Noha Salah Elsayed, Khaled Mohamed Aboshanab, Mohammad Aboulwafa, Nadia Abdelhaleem Hassouna
80	Production and Characterization of Phospholipases C from some <i>Bacillus thuringiensis</i> Isolates Recovered from Egyptian Soil	International Journal of Biotechnology for Wellness Industries	2016	--	0.69	Nooran Sherif Elleboudy, Walid Faisal ElKhatib, Mohammad Aboulwafa, Nadia AbdelHaleem Hassouna
81	Effects of plasmid acquisition by <i>Pseudomonas aeruginosa</i> clinical isolates on methicillin resistant <i>Staphylococcus aureus</i> biofilm	African journal of microbiology research	2016	--	0.5	Sara E. Salah, Khaled Mohamed Aboshanab, Mohammad Aboulwafa, Nadia Abdelhaleem Hassouna
82	Model-based clustering of <i>Escherichia coli</i> O157:H7 genotypes and their potential association with clinical outcome in human infections	Diagnostic Microbiology and Infectious Disease.	2015	--	0.7	Mohamed Elhadidy, Walid F. Elkhatib,
83	Characterization of the quorum quenching activity of <i>Streptomyces minutiscleroticus</i> : A new approach for infection control	African Journal of Microbiology Research	2015	--	0.5	Masarra Mohammed Sakr, Khaled M. Anwar Aboshanab, Mohammad M. Aboulwafa, Nadia A. Hassouna
84	Antimicrobial resistance pattern of some bacterial pathogens involved in lower respiratory tract infections in Egypt	ACTA Microbiologica	2015	--	0.67	Salma Abdelaziz, Khaled M. Aboshanab, Mohammad M. Aboulwafa, Nadia A. Hassouna
85	Isolation and sequence analysis of a putative MerR-type-transcriptional regulator and a multidrug efflux protein of <i>Bacillus circulans</i> ATCC 21588: as potential targets of therapeutics	International Journal of Genetics and Molecular biology	2015	--	1.34	Aboshanab, Khaled M, Elshafey Mostafa M
86	Anti-tuberculous activity of treponemycin produced by <i>Streptomyces</i> strain MS-6-6 isolated from Saudi Arabia.	Molecules	2015	--	2.46	Yassien, M.A.

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<b>87</b>	Antimicrobial resistance pattern of biofilm forming <i>Pseudomonas aeruginosa</i> isolated from patients with nasogastric and endotracheal tubes	World J Pharm.	2015	--	0.45	Yassien, M.A.
<b>88</b>	Overexpression of <i>Salmonella</i> serovar Typhi <i>recA</i> gene confers fluoroquinolone resistance in <i>Escherichia coli</i> DH5 $\alpha$	Braz. J. Med. Biol. Res.	2015	--	1.14	Yassien, M.A.
<b>89</b>	New potential role of serum Apolipoprotein E mediated by its binding to clumping factor A during <i>Staphylococcus aureus</i> -invasive infections to humans	Journal of Medical Microbiology	2015	--	2.24	Walid F. Elkhatib
<b>90</b>	Virulence characters of some methicillin resistant <i>Staphylococcus aureus</i> isolates	Archives of clinical microbiology	2014	--	0.7	El-Gayar, Mona H., Aboulwafa, Mohammad M., Aboshanab, Khaled M., Hassouna, Nadia A.
<b>91</b>	Identification of Genes Putatively Involved in the Biosynthesis of Antitubercular Peptide in <i>Streptomyces ribosidificus</i> NRRL B-11466	British Biotechnology Journal	2014	--	0.7	Aboshanab M. Khaled
<b>92</b>	A stereospecific pathway diverts $\beta$ -oxidation intermediates to the biosynthesis of rhamnolipid biosurfactants	Chemistry and Biology	2014	--	6.7	Abdel-Mawgoud, AM
<b>93</b>	Liquid Chromatography/Mass Spectrometry for the Identification and Quantification of Rhamnolipids	Methods in <i>Pseudomonas aeruginosa</i> – Methods in Molecular Biology	2014	--	0.72	Abdel-Mawgoud, AM
<b>94</b>	Evaluation of different microtiter plate-based methods for the quantitative assessment of <i>Staphylococcus aureus</i> biofilms	Future Microbiology	2014	--	3.63	Elkhatib WF

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<b>95</b>	In vitro antibiofilm efficacies of different antibiotic combinations with zinc sulfate against <i>Pseudomonas aeruginosa</i> recovered from hospitalized patients with urinary tract infection	Antibiotics	2014	--	3.17	Walid Elkhatib
<b>96</b>	Recovery and Detection of Microbial Contaminants in Some Non-Sterile Pharmaceutical Products	Archives of Clinical Microbiology.	2014	--	0.7	Mohammad M. Aboulwafa, Walid Faisal Elkhatib, Nadia A. Hassouna
<b>97</b>	Plasmid-carried macrolides target site modification erm and efflux msr genes in some <i>Staphylococcus</i> spp. From lower respiratory tract infected patients	Archives of Clinical Microbiology.	2014	--	0.7	Shaker, Amr, Aboshanab, Khaled, Mabrouk, Mohammad, Hassouna, Nadia
<b>98</b>	Screening and Preliminary Characterization of Quenching Activities of Soil <i>Bacillus</i> Isolates Against Acyl Homoserine Lactones of Clinically Isolated <i>Pseudomonas aeruginosa</i>	Malaysian Journal of Microbiology	2014	--	0.01	Masarra M.Sakr, Mohammad M.Aboulwafa, Khaled M. Anwar Aboshanab, Nadia A. Hassouna
<b>99</b>	Regulation of crp Gene Expression by the Catabolite Repressor/Activator, Cra, in <i>Escherichia coli</i>	J Mol Microbiol Biotechnol.	2014	--	1.7	Aboulwafa M.
<b>100</b>	Phospholipase C from <i>Pseudomonas aeruginosa</i> and <i>Bacillus cereus</i> ; characterization of catalytic activity	Asian Pacific Journal of Tropical Medicine	2014	--	1.57	Nooran Sherif Elleboudy, Mohammad M. Aboulwafa, Nadia A. Hassouna
<b>101</b>	Antibacterial resistance pattern of aerobic bacteria isolated from patients with diabetic foot ulcers in Egypt	African Journal of Microbiology Research	2014	--	0.5	Mohammad M. Abouelwafa, Khaled M. Aboshanab
<b>102</b>	Plasmid-carried macrolides target site modification erm and efflux msr genes in some <i>Staphylococcus</i> spp. from lower respiratory tract infected patients	Journal of Neurology and neuroscience	2014	--	1.45	Shaker A, Abo Shanab K, Hassouna N, Aboulwafa MM

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<b>103</b>	Virulence Characters of some Methicillin Resistant Staphylococcus aureus Isolates	Archives of Clinical Microbiology	2014	--	0.7	ElGayar M, Abo Shanab K, Hassouna N, Aboulwafa MM
<b>104</b>	Efficacy of Ciprofloxacin-Clarithromycin Combination Against Drug-Resistant Pseudomonas aeruginosa Mature Biofilm Using In Vitro Experimental Model.	Microb Drug Resist.	2014	--	2.5	ElKhatib W.
<b>105</b>	Evaluation of different microtiter plate-based methods for the quantitative assessment of Staphylococcus aureus biofilms	Future Microbiol.	2014	--	3.6	ElKhatib W.
<b>106</b>	Inhibition of Pseudomonas aeruginosa PAO1 adhesion to and invasion of A549 lung epithelial cells by natural extracts.	Infect Public Health.	2014	--	1.19	ElKhatib W.
<b>107</b>	Postantibiotic and Postantibiotic sub-MIC Effects of Different Antimicrobial Agents on Virulence Factors of Pseudomonas aeruginosa and Proteus mirabilis	Arab Journal of Laboratory Medicine	2014	--	0.5	Yassien M. A.
<b>108</b>	Production, purification, and characterization of cellulase from Streptomyces sp.	Afr. J. Microbiol.	2014	--	0.5	Yassien M. A.
<b>109</b>	Microbiological studies on resistance patterns of antimicrobial agents among gram-negative respiratory pathogens	Afri. J Micrbiol.	2014	--	0.5	M.A. Yassien
<b>110</b>	Generation of Recombinant Bioluminescent Escherichia coli for Quantitative Determination of Bacterial Adhesion	Pakistan Journal of Pharmaceutical Science	2014	--	1.1	M. A. Yassien
<b>111</b>	Multilocus genotypic characterization of Escherichia coli O157:H7 recovered from food sources	Epidemiology and Infection	2014	--	2.36	Elkhatib WF

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<b>112</b>	Genetic diversity of shiga toxin-producing <i>Escherichia coli</i> O157:H7 recovered from human and food sources	Microbiology	2014	--	2.26	Elkhatib WF
<b>113</b>	Efficacy of ciprofloxacin-clarithromycin combination against drug-resistant <i>Pseudomonas aeruginosa</i> mature biofilm using in vitro experimental model	Microbial Drug Resistance	2014	--	2.5	Elkhatib WF
<b>114</b>	The in vivo and in vitro induction of anterior chamber associated immune deviation to myelin antigens in C57BL/6 mice	Brain Behavior & Immunity	2014	--	5.8	Elkhatib WF
<b>115</b>	Evaluation of different microtiter plate-based methods for the quantitative assessment of <i>Staphylococcus aureus</i> biofilms	Future Microbiology	2014	--	3.63	Elkhatib WF
<b>116</b>	In vitro antibiofilm efficacies of different antibiotic combinations with zinc sulfate against <i>Pseudomonas aeruginosa</i> recovered from hospitalized patients with urinary tract infection	Antibiotics	2014	--	3.17	Walid Elkhatib
<b>117</b>	Recovery and Detection of Microbial Contaminants in Some Non-Sterile Pharmaceutical Products	Archives of Clinical Microbiology.	2014	--	0.7	Mohammad M. Aboulwafa, Walid Faisal Elkhatib, Nadia A. Hassouna
<b>118</b>	Plasmid-carried macrolides target site modification erm and efflux msr genes in some <i>Staphylococcus</i> spp. From lower respiratory tract infected patients	Archives of Clinical Microbiology.	2014	--	0.7	Shaker, Amr, Aboshanab, Khaled, Mabrouk A., Mohammad, Hassouna, Nadia
<b>119</b>	Screening and Preliminary Characterization of Quenching Activities of Soil <i>Bacillus</i> Isolates Against Acyl Homoserine Lactones of Clinically Isolated <i>Pseudomonas aeruginosa</i>	Malaysian Journal of Microbiology	2014	--	0.01	Masarra M. Sakr, Mohammad M. Aboulwafa, Khaled M. Anwar Aboshanab, Nadia A. Hassouna

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<b>120</b>	Regulation of crp Gene Expression by the Catabolite Repressor/Activator, Cra, in Escherichia coli	J Mol Microbiol Biotechnol.	2014	--	1.7	Aboulwafa M.
<b>121</b>	Phospholipase C from Pseudomonas aeruginosa and Bacillus cereus ; characterization of catalytic activity	Asian Pacific Journal of Tropical Medicine	2014	--	1.57	Nooran Sherif Elleboudy, Mohammad M. Aboulwafa, Nadia A. Hassouna
<b>122</b>	Antibacterial resistance pattern of aerobic bacteria isolated from patients with diabetic foot ulcers in Egypt	African Journal of Microbiology Research	2014	--	0.5	Mohammad M. Abouelwafa, Khaled M. Aboshanab
<b>123</b>	Antagonistic activity of Lactobacillus isolates against Salmonella typhi in vitro.	Biomed Res Int	2013	--	0.7	Abdel-Daim A, Hassouna N, Aboulwafa MM.
<b>124</b>	Optimization of bioplastic (Poly- $\beta$ -hydroxybutyrate) production by a promising Azomonas macrocytogenes bacterial isolate P173	African journal of microbiology research	2013	--	0.5	Elsayed N, Abo Shanab K, Hassouna N, Aboulwafa MM
<b>125</b>	Characterization and Complete Sequence of Lactonase Enzyme from Bacillus weihenstephanensis Isolate P65 with Potential Activity against Acyl Homoserine Lactone Signal Molecules	Biomedical Research International.	2013	--	2.3	Abo ElSoud M, Abo Shanab K, Hassouna N, Aboulwafa MM
<b>126</b>	Identification of Genes Putatively Involved in the Biosynthesis of Antitubercular Peptide in Streptomyces ribosidificus NRRL B-1146	British Biotechnology Journal	2013	--	0.7	Abo shanab K,
<b>127</b>	Isolation, heterologous expression and gene duplication of certain ribostamycin	Archives of Clinical Microbiology	2013	--	0.7	Abo shanab K



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	biosynthetic genes from <i>Streptomyces ribosidificus</i> NRRL B-11466					
128	PHB production in <i>Azomonas</i> , <i>Acintebacter</i> and <i>Bacillus</i> species: Isolation, Screening and Identification.	Archives of Clinical Microbiology	2013	--	0.7	Elsayed N, AboShanab K, Hassouna N, Aboulwafa MM
129	Plasmid Mediated Extended Spectrum Beta-Lactamase producing strains of Enterobacteraceae Isolated from Diabetic Foot Infections in Egypt.	Archives of Clinical microbiology	2013	--	0.7	Kamel N, Abo Shanab K, Hassouna N, Aboulwafa MM
130	Screening and preliminary characterization of the quorum quenching 1 activity of some <i>Bacillus</i> isolates from soil against clinically isolated <i>Pseudomonas aeruginosa</i> homoserine lactones.	Malaysian Journal of Microbiology.	2013	--	1.6	Abo ElSoud M, Abo Shanab K, Hassouna N, Aboulwafa MM
131	Inhibition of adhesion and invasion of <i>Pseudomonas aeruginosa</i> PAO1 to A549 lung epithelial cells by some natural extracts.	Journal of Infection and Public Health	2013	--	1.9	Ahmad G, El Khatib W, Noor ElDin A.
132	Cytotoxic activities of some <i>Pseudomonas aeruginosa</i> isolates: possible mechanisms and approaches for inhibition.	Turk. J. Biol	2013	--	1.6	ElHousiny G, Hassouna N, Aboulwafa MM
133	Transferable IncX3 plasmid harboring blaNDM-1, bleMBL, and aph(3')-VI genes from <i>Klebsiella pneumoniae</i> conferring phenotypic	Molecular Biology Reports (2023)	2023	--	2.8	Ann A. Elshamy, Sarra E. Saleh, Khaled M. Aboshanab, Mohammad M. Aboulwafa, Nadia A. Hassouna

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	carbapenem resistance in E. coli					
<b>134</b>	State of the art in epitope mapping and opportunities in COVID-19	Future Sci OA (2023)	2023	--	2.5	Masarra Sakr, Ghadir S. El-Housseiny, Khaled M. Aboshanab
<b>135</b>	Statistical optimization of a podoviral anti-MRSA phage CCASU-L10 generated from an under sampled repository	Frontiers in Cellular and Infection Microbiology (2023)	2023	--	5.7	Israa Mohammed Abd-Allah, Ghadir S. El-Housseiny, Khaled M. Aboshanab,
<b>136</b>	Phenotypic and genotypic characterization of linezolid resistance and the effect of antibiotic combinations on methicillin-resistant Staphylococcus aureus clinical isolates	Annals of clinical microbiology and antimicrobials (2023)	2023	--	6.8	Asmaa I.Abdelhafiz, Nooran S.Elleboudy, Khaled M.Aboshanab, Mohammed M.Aboulwafa, Nadia A.Hassouna

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<b>137</b>	Correction to: Gamma radiation coupled ADP-ribosyl transferase activity of Pseudomonas aeruginosa PE24 moiety	Applied Microbiology and Biotechnology (2023)	2023	--	5	Sarra E. Saleh, Khaled M.Aboshanab
<b>138</b>	Propranolol restores susceptibility of XDR Gram-negative pathogens to meropenem and Meropenem combination has been evaluated with either tigecycline or amikacin	BMC microbiology 2023	2023	--	4.2	Ahmed S. Abu Zaid and Khaled M. Aboshanab
<b>139</b>	Insights on monkeypox disease and its recent outbreak with	2023 Future Sci OA	2023	--	2.5	Khaled M. Aboshanab

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	evidence of non synonymous missense mutation					
140	Correlation of CRISPR/Cas and Antimicrobial Resistance in Klebsiella pneumoniae Clinical Isolates Recovered from Patients in Egypt Compared to Global Strains	Microorganisms (2023)	2023	--	4.5	Ahmed S. Abu Zaid and Khaled M. Aboshanab
141	Bioconversion of vitamin D3 into calcitriol by Actinomyces hyovaginalis isolate CCASU- A11-2..	AMB Express/2023	2023	--	3.7	Abbas AM, Elkhatib WF, Aboulwafa MM, Hassouna NA, Aboshanab KM.

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142	Phytoestrogen $\beta$ -Sitosterol Exhibits Potent In Vitro Antiviral Activity against Influenza A	Vaccines (Basel). 2023	2023	--	7.8	, Abbas AM, Aboshanab KM,
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