

**الأبحاث الحديثة المنشورة في المؤتمرات والمجلات المحلية والعالمية الخاصة  
بقسم الميكروبولوجيا والمناعة**

جهة النشر	المؤلف	عنوان البحث	م
Journal of Disaster Research 16 (1), 70-83,2021	Nourhan H. El-Subbagh, Rana Rabie, Aya A. Mahfouz, Khaled M. Aboelsuod, Mohamed Y. Elshabrawy, Haneen M. Abdelaleem, Basant E. Elhammady, Weam Abosaleh, Lamiaa A. Salama, Sara Badreldeen, Mohamed Yasser, Abdelaziz Elgaml	Characteristic Features of Coronavirus Disease-2019 (COVID-19) Pandemic: Attention to the Management and Control in Egypt	.1
Volume 5, Pharmacognosy-Microbiology - Serial Number 2, January 2021, Page 89-99	Lamiaa Adel Salama, Hazem Saleh, Shaymaa Abdel-Rhman, Rasha Barwa, Ramadan Hassan	Phenotypic and genotypic characterization of Extended Spectrum $\beta$ -lactamases producing <i>Proteus mirabilis</i> isolates	.2
Journal of Pure & Applied Microbiology, Jun2022, Vol. 16 Issue 2, p1226-1238. 13p	Fatma Sonbol, Tarek El-Banna, Abdelaziz Elgaml, Khaled M Aboelsuod	Impact of Quorum Sensing System on Virulence Factors Production in <i>Pseudomonas aeruginosa</i> .	.3
Journal of Pure & Applied Microbiology 2023, Vol. 17 Issue 1, p486-498. 13p.	Khaled M Aboelsuod, Fatma Sonbol, Tarek El-Banna, Abdelaziz Elgaml	Emergence of Multidrug-resistant Carbapenemases and MCR-1 Producing <i>Pseudomonas aeruginosa</i> in Egypt.	.4

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.5	Inhibition of Erythromycin and Erythromycin-Induced Resistance among <i>Staphylococcus aureus</i> Clinical Isolates	Aya A. Mahfouz, Heba S. Said, Sherin M. Elfeky and Mona I. Shaaban	Antibiotics 2023, 12(3), 503; <a href="https://doi.org/10.3390/antibiotics12030503">https://doi.org/10.3390/antibiotics12030503</a>
.6	Random amplified DNA polymorphism of <i>Klebsiella pneumoniae</i> isolates from Mansoura University Egypt ,Hospitals	Barwa ,Hassan Ramadan ,I Shaaban Mona ,Rasha <u>Adel Lamiaa</u>	African Journal of Microbiology Research .p621-630 ,9 Issue 9 .Vol ,((2015
.7	Comparative studies on different molecular methods for epidemiological typing of multi-drug-resistance <i>Klebsiella pneumonia</i> isolated from Mansoura hospitals	MI ,R Barwa ,R Hassan <u>L Adel</u> ,Shaaban	New Egyptian Journal of Microbiology p14-29. ,39 Issue 1 .Vol ,((2014
.8	Potential therapeutic target and vaccines for SARS-CoV-2	,Mohamed Hussain Bashir ,Mohamed Hassan ,Tarig Gamar ,Bashir ,Elmuaiiz Gasmalbari ,Ahmed Mohamed Asmaa ,Wadah Osman , <u>Abdelaziz Elgaml</u> ,Sherif Kholoud ,Aisha Alhaddad ,Samar Miski ,Ghazawi Yusra ,Bayan Ainousah ,Sabrin Ibrahim ,Andijani	926 :12 . (Pathogens (2023

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		Ahmed ,Gamal Mohamed Ashour	
.9	<b>Comparative genomic analysis of multi-drug resistant <i>Pseudomonas aeruginosa</i> sequence type 235 isolated from Sudan</b>	Malik ,Mohamed Hussain ,Hisham Altayb ,Mohamed Ahmed ,Ahmed Mohamed ,Wadah Osman ,Ashour Kholoud ,Asmaa Sherif ,Samar Miski ,Ghazawi Gamal ,Sabrin Ibrahim ,Ikhlas Sindi ,Mohamed ,Ahmad Alshamrani <b><u>Abdelaziz Elgaml</u></b>	<b>11:1432. .(Microorganisms (2023</b>
.10	<b>Novel method for cloning of hepatitis B virus DNA using the In-Fusion enzyme</b>	,Mohammed El-Mowafy ,Mohamed Elegezy ,Mohamed El-Mesery <b><u>Abdelaziz Elgaml</u></b>	<b>31:101765 .(Gene Reports (2023</b>
.11	<b>The antimicrobial peptide alpha defensin correlates to type 2 diabetes via the advanced glycation end products pathway</b>	,Mohammed El-Mowafy , <b><u>Abdelaziz Elgaml</u></b> Amany ,Naglaa Abass Mohamed Amin ,Mousa	<b>22:303- .(African Health Sciences (2022 311.</b>
.12	<b>,Antioxidant antimicrobial and anti-quorum sensing compounds from <i>Salix babylonica</i>.</b>	,Gehad Abdel Wahab <b><u>Abdelaziz</u></b> ,Amal Sallam Mohamed , <b><u>Elgaml</u></b> Mohamed Afifi ,Lahloub	<b>.(South African Journal of Botany (2022 147:774-781.</b>
.13	<b>Association of CTLA4 c.49A &gt; G (rs231775; p.Thr17Ala) gene variant with the risk of hepatocellular carcinoma and A :gastric cancer meta-analysis and meta-regression</b>	, <b><u>Akram Abbas El Awady</u></b> <b><u>Ahmed</u></b> , <b><u>Rami M. Elshazli</u></b> , <b><u>Akram El Awady</u></b> , <b><u>Abdelaziz Elgaml</u></b> , <b><u>Ahmed K.Khalifa</u></b> <b><u>AhmadSettini</u></b>	<b>31:100999. .(Meta Gene (2022</b>
.14	<b>Ingestion of mannose ameliorates</b>	Nada ,Mohamed Shaker ,Eisa, <b><u>Abdelaziz Elgaml</u></b>	<b>286:120040. .(Life Sciences (2021</b>

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	,Ahmed El-Mesery ,Mohamed El-Shafey ,Mohamed El-Dosoky ,Mohammed El-Mowafy Mohamed El-Mesery	<b>thioacetamide-induced intrahepatic ,oxidative stress inflammation and fibrosis in rats</b>	
<b>12:715506. .(Frontiers of Physiology (2021</b>	,Salma Sultan ,Mohammed El-Mowafy <b><u>Abdelaziz Elgaml</u></b> ,Tamer A. E. Ahmed ,Hebatoallah Hassan Walid Mottawea	<b>Metabolic influences of gut microbiota dysbiosis on inflammatory bowel disease</b>	.15
<b>e4155-e4155. .(Food Research (2021</b>	<b><u>Abdelaziz</u></b> ,Eman El-Baz Rasha Barwa , <b><u>Elgaml</u></b>	<b>Impact of the global regulator SarA on toxins production in <i>Staphylococcus aureus</i></b>	.16
<b>302:198422. .(Virus Research (2021</b>	<b><u>Abdelaziz Elgaml</u></b> , ,Mohamed Elegezy ,Mohamed El-Mesery Mohammed El-Mowafy	<b>Natural variability in surface antigen and reverse transcriptase domain of hepatitis B virus in treatment-naïve chronic HBV-infected Egyptian patients</b>	.17
<b>Journal of Interferon and Cytokine Research (2021</b> <b>41:52-59. .(Research (2021</b>	,Mohamed El-Mesery ,Mohammed El-Mowafy Ahmed El- ,Laila Youssef ,Sally Abed ,Mesery <b><u>Abdelaziz Elgaml</u></b>	<b>Serum soluble fibrinogen-like protein 2 represents a novel biomarker for differentiation between acute and chronic Egyptian hepatitis B virus-infected patients</b>	.18
<b>.(Infection and Immunity (2021</b> <b>e00660-20.: (89(5</b>	Shehab El-Din, .Eman M <b><u>Abdelaziz Elgaml</u></b> Ramadan ,Ali .Youssif M Hassan	<b>Inhibition of the classical pathway of complement activation impairs bacterial clearance during <i>Enterococcus faecalis</i> infection</b>	.19

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Rami M. Elshazli, Adam Kline, <u>Abdelaziz Elgaml</u> , Mohamed H. Aboutaleb, Mohamed M. Salim, Mahmoud Omar, Ruhul Munshi, Nicholas Mankowski, Mohammad H. Hussein, Abdallah S. Attia, Eman A. Toraih, Ahmad Settin, Mary Killackey, Manal S. Fawzy, Emad Kandil	Gastroenterology manifestations and COVID-19 A meta- :outcomes analysis of 25,252 cohorts among the first and second waves	.20	<b>Journal of Medical Virology (2021).</b> <b>93:2740-2768.</b>
Mohammed El-Mowafy, <u>Abdelaziz Elgaml</u> , Mohamed El-Mesery, Salma Sultan, Tamer A. E. Ahmed, Ahmed I. Gomaa, Mahmoud Aly, Walid Mottawea	Changes of Gut-Microbiota-Liver Axis in Hepatitis C Virus Infection	.21	<b>55.: (10(1 .(Biology (Basel) (2021</b>
Mohamed N. Amin, Mohammed El-Mowafy, Ali Mobark, Naglaa Abass, <u>Abdelaziz Elgaml</u>	Exercise-induced downregulation of serum interleukin-6 and tumor necrosis factor-alpha in Egyptian handball players	.22	<b>Saudi Journal of Biological Sciences</b> <b>28:724-730. .((2021</b>
Salma Sultan, Mohammed El-Mowafy, <u>Abdelaziz Elgaml</u> , Mohamed El-Mesery, Ahmed El-Shabrawi, Mohamed Elegezy, Riadh Hammami, Walid Mottawea	Alterations of the Treatment-Naive Gut Microbiome in Newly Diagnosed Hepatitis C Virus Infection	.23	<b>7:1059- .(ACS Infectious Diseases (2021</b> <b>1068.</b>
Eman ,Rami M Elshazli <u>Abdelaziz</u> ,Ali Toraih Mohammed El- , <u>Elgaml</u> Mohamed El- ,Mowafy Mohamed N ,Mesery	Diagnostic and prognostic value of hematological and immunological markers in COVID-	.24	<b>e0238160.: (15(8 .(PlosOne (2020</b>

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	Mohammad H ,Amin Mary T ,Hussein Manal S ,Killackey Emad Kandil ,Fawzy	A meta- :19 infection analysis of 6320 patients	
<b>Journal of Medical Virology (2020). 92:2473-2488.</b>	<a href="#">Eman Toraih</a> , <a href="#">Rami Elshazli</a> , <a href="#">Mohammad Hussein</a> , <a href="#">Abdelaziz Elgaml</a> , <a href="#">Mohamed Amin</a> , <a href="#">Mohammed El-Mowafy</a> , <a href="#">Mohamed El-Mesery</a> , <a href="#">Assem Ellythy</a> , <a href="#">Juan Duchesne</a> , <a href="#">Mary Killackey</a> , <a href="#">Keith Ferdinand</a> , <a href="#">Emad Kandil</a> , <a href="#">Manal S Fawzy</a>	Association of cardiac biomarkers and comorbidities with increased severity ,mortality and cardiac injury in :COVID-19 patients A meta-regression and decision tree analysis	.25
<b>Egyptian Journal of Medical Microbiology 29:1-8. .((2020</b>	,Yomna Hagag Hany , <a href="#">Abdelaziz Elgaml</a> Ramadan ,Kenawy Hassan	Impact of <i>sarA</i> mutation on immune system evasion and stress response in <i>Staphylococcus aureus</i>	.26
<b>734:144391. .(Gene (2020</b>	<a href="#">Eman</a> , <a href="#">Rami Elshazli</a> <a href="#">Toraih</a> , <a href="#">Abdelaziz Elgaml</a> , <a href="#">EmadKandil</a> , <a href="#">Manal S.Fawzy</a>	Genetic polymorphisms of TP53 (rs1042522) and MDM2 (rs2279744) and colorectal cancer An updated :risk meta-analysis based on 59 case-control studies	.27
<b>Journal of pharmaceutical research 31:1-16. .(international (2020</b>	Dareen Ibrahim, Fatma <a href="#">Abdelaziz</a> ,Abdel Bar ,Sahar Gedara , <a href="#">Elgaml</a> Ahmed Gohar	,Antimicrobial antagonism and Ex-vivo antispasmodic activity of <i>Adhatoda vasica</i> .	.28
<b>,Book chapter in Microorganisms book 1-25. :pages</b>	,Mohammed El-Mowafy Mona , <a href="#">Abdelaziz Elgaml</a> Shaaban	New approaches for competing microbial	.29

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resistance and virulence		.http://dx.doi.org/10.5772/intechopen.90388 IntechOpen (2019).	
Biotechnological applications of quorum sensing inhibition as novel therapeutic strategies for multidrug resistant pathogens	<u>Mona Shaaban, Abdelaziz Elgaml, El-Sayed E.Habib</u>	127:138- .(Microbial Pathogenesis (2019 143.	.30
Editorial: The role of regulatory networks in virulence and antimicrobial resistance of microbial pathogens	<u>Abdelaziz Elgaml, Rami Elshazli, Shin-Ichi Miyoshi</u>	Frontiers in Microbiology. 15:1370093 (2024)	.31
Characterization of a breakthrough vaccine escape strain associated with overt hepatitis B virus infection	Mohammed El-Mowafy, Mohamed Elegezy, Mohamed El-Mesery, <u>Abdelaziz Elgaml</u>	Virus Genes. 60:235-239 (2024)	.32
Expression and purification of Hepatitis B virus core antigen using Escherichia coli and its utilization for the diagnosis of hepatitis B virus infections	Mohammed El-Mowafy, Mohamed El-Mesery, Mahmoud A. F. Khalil, Ahmed El-Mesery, <u>Abdelaziz Elgaml</u>	Biologicals. 85:101726 (2024)	.33
Tazemetostat decreases $\beta$ -catenin and CD13 protein expression in HEPG-2 and Hepatitis B virus-transfected HEPG-	Mohamed N. Amin, Yousra M. El-Far, Mohammed El-Mowafy, <u>Abdelaziz Elgaml</u>	Clinical Epigenetics. 15:180. (2023)	.34

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		2 with decreased cell viability.	
Trends in Analytical Chemistry. 169:117379 (2023)	Mahmoud El-Maghrebey, Galal Magdy, Heba Hashem, Mohamed N. Amin, <u>Abdelaziz Elgaml</u> , Aya Radwan, Magda El-Sherbeny, Rania El-Shaheny	Comprehending COVID-19 diagnostic tests and greenness assessment of its reported detection methods. TrAC -	.35
International Immunopharmacology. 20:137:112511 (2024)	Ahmed M El-Dessouki, Amany A Alzokaky, Nahed A Raslan, Samar Ibrahim, <u>Lamiaa A Salama</u> , Eman H Yousef	Piracetam mitigates nephrotoxicity induced by cisplatin via the AMPK-mediated PI3K/Akt and MAPK/JNK/ERK signaling pathways.	.36
Egyptian Journal of Basic and Applied Sciences. 11:116-134 (2024)	<u>Samar M. Elsherbeny</u> , Dina E. Rizk, Maha Al-Ashmawy, Rasha Barwa	Prevalence and antimicrobial susceptibility of Enterobacteriaceae isolated from ready-to-eat foods retailed in Damietta, Egypt.	.37
BMC Microbiology. 24:173 (2024)	<u>Lekaa L. Lutfi</u> , Mona I. Shaaban, Soha Lotfy Elshaer	Vitamin D and vitamin K1 as novel inhibitors of biofilm in Gram-negative bacteria.	.38
103674 ,136 ,(2019) <u>Microbial Pathogenesis</u>	, Alrohilya .Waad D , <u>Habibb .Mahmoud E</u> , El-Messeryc,d .Shahenda M , Abdulmalik Alqurshie El- , Hussein El-Subbaghf Habib .Sayed E	,Antibacterial antibiofilm and molecular modeling study of some antitumor thiazole based chalcones as a new	.39

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		class of DHFR inhibitors	