

متابعة الخطة البحثية لكلية لعام ٢٠٢٠

متابعة تنفيذ الخطة البحثية لقسم الميكروبيولوجيا الصيدلانية

توصيات لجنة المتابعة	أسباب القصور (إن وجد)	أوجه القصور (إن وجد)	يتفق مع الخطة البحثية				المخرج	المستهدف	الفترة الزمنية
			3	2	1	0			
			✓				2 PhD	2 PhD	من يناير إلى ديسمبر ٢٠٢٠
			✓				3 Master	3 Master	
			✓				12 Articles	4 Articles	

List of publications From January to December 2020

	Authors list	Article publication	Article title
1	Tarek ES El-Banna, Fatma I Sonbol, Maysaa ES Zaki, Rana H Abo-Hammam	Clinical laboratory 66 (1) (Jan 2020. doi: 10.7754/Clin.Lab.2019.190529.)	Molecular Characterization of β -Lactam Resistant <i>Streptococcus pneumoniae</i> .
2	Lamiaa A Al-Madboly, Safaa M Ali, Esmail M El Fakharany, Amany E Ragab, Eman G Khedr, Khaled M Elokely	Frontiers in bioengineering and biotechnology 8, 78 (Feb 2020. https://doi.org/10.3389/fbioe.2020.00078)	Stress-based production, and characterization of glutathione peroxidase and glutathione S-transferase enzymes from <i>Lactobacillus plantarum</i>
3	OY Mady, LA Al-Madboly, AA Donia	Frontiers in microbiology 11, 385 (April 2020. doi: 10.3389/fmicb.2020.00385)	Preparation, and Assessment of Antidermatophyte Activity of Miconazole–Urea Water-Soluble Film
4	TE El-Banna, FI Sonbol, AA Gazal, MM El-Bouseary, HO Ellabody	Int. Res. J. Pharm. 11 (4), 36-42 (May 2020. DOI: 10.7897/2230-8407.110439)	Molecular Characterization of <i>Staphylococcus aureus</i> isolates recovered from Children with Otitis Media in Alexandria Hospitals, Egypt.
5	T Elbanna, F Sonbol, A Abd Elaziz, E Elekhrawy	Journal of Advanced Medical and Pharmaceutical Research 1 (1), 22-28 (June 2020. DOI: 10.21608/JAMPR.2020.32347.1005)	Antibiotic Resistance and Novel Approaches to Fight Against This Global Crisis.
6	Lamiaa A Al-Madboly, Nehal M El-Deeb, Amal Kabbash, Manal A Nael, Ahmed M Kenawy, Amany E Ragab	Frontiers in bioengineering and biotechnology 8, 450 (Jun 2020. https://doi.org/10.3389/fbioe.2020.00450)	Purification, Characterization, Identification, and Anticancer Activity of a Circular Bacteriocin from <i>Enterococcus thailandicus</i>
7	Sameh S Ali, Fatma I Sonbol, Jianzhong Sun, Mohamed A Hussein, Abd-Elsalam E Hafez, Esraa A Abdelkarim, Michael Kornaros, Asmaa Ali, Maha Azab	Microbial pathogenesis 143, 104164 (Jun 2020. doi: 10.1016/j.micpath.2020.104164)	Molecular characterization of virulence and drug resistance genes-producing <i>Escherichia coli</i> isolated from chicken meat: Metal oxide nanoparticles as novel antibacterial agent

8	Nehal M El-Deeb, Mai A Abo-Eleneen, Lamiaa A Al-Madboly, Mona M Sharaf, Sarah S Othman, Omar M Ibrahim, Mohammad S Mubarak	Frontiers in Bioengineering and Biotechnology 8, 643 (July 2020. https://doi.org/10.3389/fbioe.2020.00643)	Biogenically Synthesized Polysaccharides-Capped Silver Nanoparticles: Immunomodulatory and Antibacterial Potentialities Against Resistant <i>Pseudomonas aeruginosa</i>
9	A Abdelaziz, M Anastasiadou, M Castelli	Applied Sciences 10 (18), 6538 (August 2020. https://doi.org/10.3390/app10186538)	A parallel particle swarm optimisation for selecting optimal virtual machine on cloud environment
10	FI Sonbol, AAA Aziz, TE El-Banna, OM Al-Fakhrany	International Microbiology 23 (4), 533-547 (Nov 2020. doi: 10.1007/s10123-020-00127-z.)#	Antimicrobial activity of bacteriocins produced by Enterococcus isolates recovered from Egyptian homemade dairy products against some foodborne pathogens.
11	E Elekhawy, F Sonbol, A Abdelaziz, T Elbanna	Future Journal of Pharmaceutical Sciences 6 (1), 1-10 (Nov 2020. DOI: 10.1186/s43094-020-00119-w)	Potential impact of biocide adaptation on selection of antibiotic resistance in bacterial isolates
12	Eram Sharmin, Maram Talal Kafyah, Aljohara Abdulrahman Alzaydi, Anan Abdulrahman Fatani, Fatima Ali Hazazzi, Shahad Khalid Babgi, Nada Musleh Alqarhi, Afnan Abdulhamaid Hassan Sindi, Deewan Akram, Manawwer Alam, Javed Alam, Lamiaa A Al-Madboly, Nagwa A Shoeib, Alaa M Alqahtani, Mariam Mojally	International Journal of Biological Macromolecules 163, 2236-2247 (Nov 2020. https://doi.org/10.1016/j.ijbiomac.2020.09.044)	Synthesis and characterization of polyvinyl alcohol/corn starch/linseed polyol-based hydrogel loaded with biosynthesized silver nanoparticles



List of Master thesis

Name of candidate	Title of thesis	Date of award
Noha Abdallah Mohammed	Microbiological Studies on Clinical and Environmental Isolates of Acinetobacter in Tanta University Hospitals.	5/ 2/ 2020
Samar Hamed	Molecular characterization of carbapenemases in Klebsiella pneumoniae clinical isolates.	8/ 3/ 2020
Hebatoallah Osama	Molecular Characterization of the Prevalent Pathogenic Bacteria recovered from Children with Otitis Media.	10/ 10 / 2020

List of PhD thesis

Name candidate	Title of thesis	Date of award
Omnia Alfakharany	Evaluating the Efficacy of Some Bacteriocins on Different Bacterial Pathogens.	1/ 6 / 2020
Engy Elekhnawy	Investigating the efficacy of biocides used in Tanta university hospitals on antibiotic susceptibility and virulence of bacterial isolates.	6/ 6/ 2020