

متابعة الخطة البحثية للكلية لعام ٢٠٢٠

متابعة تنفيذ الخطة البحثية لقسم التكنولوجيا الصيدلانية

توصيات لجنة المتابعة	أسباب القصور (إن وجد)	أوجه القصور (إن وجد)	يتفق مع الخطة البحثية				المخرج	المستهدف	الفترة الزمنية
			3	2	1	0			
			√				1 PhD	1 PhD	من يناير إلى ديسمبر ٢٠٢٠
			√				10 Master	8 Master	
			√				19 Articles	14 Articles	



Publications (from January to December 2020)

Authors list	Article publication	Article title
Dalia Naeem, Mohamed Osman, Gamal El Maghraby, Ebtessam Essa	European Journal of Biomedical AND Pharmaceutical sciences. 2020; Volume 7, Issue 1, 01-11.	1- Salt And Non-Salt Forming Excipients To Improve The Dissolution of Dexibuprofen; Formulation of Chewable Tablets
Alaa Y. Bazeed, Ahmed Nouh, Ebtessam A. Essa and Gamal M. El Maghraby	European Journal of Biomedical and Pharmaceutical sciences	2- Exploring dry co-grinding approach as a tool to improve the dissolution rate of poorly soluble drug.
Rasha A Alshaikh, Ebtessam A Essa, Gamal M El Maghraby	Pharmaceutical Development and Technology. 2020 ; Volume 25, Issue 2, Pages 168-177	3- Preparation of stabilized submicron fenofibrate crystals on niacin as a hydrophilic hydrotropic carrier.
Gamal M El Maghraby, Mona F Arafa	In book: Current Drug Delivery. 2020,: Volume 17, Number 10, pp. 861-873(13)	4- Liposomes for Enhanced Cellular Uptake of Anticancer Agents.
Dalia R Shaldoum, Ghada FR Hassan, Eman H El Maadawy, Gamal M El-Maghraby	Journal of Cosmetic Dermatology. August 2020; 19(8), 2033–2040.	5- Comparative clinical study of the efficacy of intralesional MMR vaccine vs intralesional vitamin D injection in treatment of warts.

Rania K Eid, Dalia S Ashour, Ebtessam A Essa, Gamal M El Maghraby, Mona F Arafa	Carbohydrate Polymers. Volume 232, 15 March 2020, 115826	6- Chitosan coated nanostructured lipid carriers for enhanced in vivo efficacy of albendazole against <i>Trichinella spiralis</i>
Nancy E Elkholy, Amal A Sultan, Ghada H Elosaily, Gamal M El Maghraby	Pharmaceutical Development and Technology. 2020; Volume 25, Issue 7, Pages 882-891	7- Acetone-assisted co-processing of meloxicam with amino acids for enhanced dissolution rate.
Alaa Y Bazeed, Ebtessam A Essa, Ahmed Nouh, Gamal M El Maghraby	Drug Development and Industrial Pharmacy. 2020; Volume 46, Issue 10, Pages 1676-1683.	8- Co-processing of nateglinide with meglumine for enhanced dissolution rate: in vitro and in vivo evaluation
Afaf A. Ramadan, Gamal M. El Maghraby, Zeinab Al Kasaby and Mona Abdelaziz	European Journal of Biomedical and Pharmaceutical sciences. 2020; Volume 7, Issue 8, 98-104.	9- Enhancement of olmesartan medoxomil dissolution by surface solid dispersion
Mohamed Attia, Ebtessam Ahmed Essa, Randa Mohammed Zaki, Amal Ali Elkordy	Antioxidants.2020, 9(5), 359	10- An Overview of the Antioxidant Effects of Ascorbic Acid and Alpha Lipoic Acid (in Liposomal Forms) as Adjuvant in Cancer Treatment.
McGarry K and Essa EA Saleh A, Elkordy AA, Chaw CS	Open Access Journal of Pharmaceutical Research. 2020, 4(2): 000205	11- Insights into the Effect of Trehalose and Cyclodextrin Molecules on Dissolution Characteristics of Furosemide Lyophilised Powder.

Waleed M Khattab, Esmat E Zein El-Dein, Sanaa A El-Gizawy	Drug Development and Industrial Pharmacy. 2020; Volume 46, Issue 5, Pages 795-805	12- Formulation of lyophilized oily-core poly- ϵ -caprolactone nanocapsules to improve oral bioavailability of Olmesartan Medoxomil.
Sanaa A El-Gizawy, Ahmed Nouh, Sameh Saber, Ahmed Y Kira	Journal of Drug Delivery Science and Technology. Volume 58, August 2020, 101732	13- Deferoxamine-loaded transfersome accelerates healing of pressure ulcers in streptozotocin-induced diabetic rats.
Alaa AA Aljabali, Hamid A Bakshi, Faruck L Hakkim, Yusuf A Haggag, (...), Murtaza M Tambuwala	Cancers. 2020; 12(1), 113	14- Albumin Nano-Encapsulation of Piceatannol Enhances Its Anticancer Potential in Colon Cancer Via Downregulation of Nuclear p65 and HIF-1 α .
Yusuf Haggag, Mohamed Elshikh, Mohamed El-Tanani, Ibrahim M Bannat, Paul McCarron, Murtaza M Tambuwala	Drug Delivery and Translational Research. 2020; 10(5), 1353–1366.	15- Nanoencapsulation of sophorolipids in PEGylated poly (lactide-co-glycolide) as a novel approach to target colon carcinoma in the murine model.
Yusuf A. Haggag, Nahla E. El-Ashmawy, Kamal M. Okasha	Medical Hypotheses. 144 (2020) 109957.	16- Is hesperidin essential for prophylaxis and treatment of COVID-19 Infection?
Ahmed M Faheem, Dalia H Abdelkader	In book: Engineering Drug Delivery Systems. 2020, Pages 1-16.	17- Book Chapter: Novel drug delivery systems.
Omar Y Mady, Lamiaa A Al-Madboly, Ahmed A Donia	Frontiers in Microbiology. April 2020; Volume 11, Article 385.	18- Preparation, and Assessment of Antidermatophyte Activity of Miconazole–Urea Water-Soluble Film.



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Mohamed El-Araby, Sanaa A. El-Gizawy, Esmat A. Zein El Dein and Mohamed A. Osman

European Journal of Biomedical
And Pharmaceutical sciences.
2020; Volume 7, Issue 3, 142-154.

19- Application of Factorial Design To Formulate
And Optimize Losartan Potassium-Loaded Solid
Lipid Nanoparticles.

List of Master thesis (January to December 2020)

NO.	Name of candidate	Title of thesis	Date of award
1	Shaimaa Saber Mahmoud	Effect of certain polymers on physicochemical properties and ulcerogenic activity of Tenoxicam.	28/1/2020
2	Waseem Qasim Reda	New aspect for tablets formulation for a model class II drug.	29/4/2020
3	Dalia Naeem Abd El kareem	Preparation and evaluation of a rapidly dissolving dosage form of dexibuprofen.	31/5/2020
4	Osama Esmail Al rekaby	In vitro and in vivo evaluation of aceclofenac solid dispersion systems.	31/5/2020
5	Ahmed Yusuf Kira	Development and evaluation of Deferoxamine-loaded transferosomes for healing of diabetic wounds	28/7/2020
6	Alaa Yusuf Bazeed	Effect of co-processing of drugs with pharmaceutical excipients on dissolution rate.	30/8/2020
7	Ibrahim El Desouky El Aqraa	Preparation and evaluation of rapidly disintegrating tablets of amiodarone.	26/2/2020
8	Mai Mamdouh Abd Elghany	Development and evaluation of liquid oral sustained release system for nimodipine.	26/2/2020
9	Nancy Elwy El Kholy	Modification of the crystalline structure of Meloxicam for enhanced dissolution rate.	28/7/2020
10	Hamdia Gamal Wafa	Film forming systems for enhanced ocular drug delivery.	31/10/2020



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List of PhD thesis (January to December 2020)

NO.	Name of candidate	Title of thesis	Date of award
1	Waleed Mohamed Khatib	A study to enhance dissolution and bioavailability of a poorly water soluble drug by applying nanotechnology.	30/11/2020

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	Frontiers in bioengineering and biotechnology 8, 450 (Jun	Purification, Characterization, Identification, and Anticancer Activity of a Circular Bacteriocin from <i>Enterococcus thailandicus</i>

	Kenawy, Amany E Ragab	2020. https://doi.org/10.3389/fbioe.2020.00450)	
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 Escherichia coli 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



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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
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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 Elekhrawy	Investigating the efficacy of biocides used in Tanta university hospitals on antibiotic susceptibility and virulence of bacterial isolates.	6/ 6/ 2020

متابعة تنفيذ الخطة البحثية لقسم الكيمياء الحيوية

توصيات لجنة المتابعة	أسباب القصور (إن وجد)	أوجه القصور (إن وجد)	يتفق مع الخطة البحثية				المخرج	المستهدف	الفترة الزمنية
			3	2	1	0			
يوجد رسائل قيد المراجعة			✓				0 PhD	0 PhD	من يناير إلى ديسمبر ٢٠٢٠
			✓				5 Master	6 Master	
			✓				19 Articles	6 Articles	



List of publications

Authors list	Article publication	Article title
El-Ashmawy N, Khedr E, Elbahrawy H, El-Mokadem E, Abo-Saif M	Romanian Journal of Diabetes Nutrition and Metabolic Diseases. (2020) Vol. 27,issue 4, pp. 386-395	Whey protein upregulates muscle insulin receptor tyrosine kinase and is comparable to vildagliptin as insulin-sensitizer
Elfarargy MS, Al-Ashmawy GM, Abu-Risha S, Khattab H	Endocrine, Metabolic & Immune Disorders Drug Targets. (2020) DOI: 10.2174/1871530321666201229152019	Study of Cord Blood Levels of Erythropoietin, Bilirubin and Reticulocyte Count as Early Predictors of Neonatal Hyperbilirubinemia
Elfarargy MS, Al-Ashmawy G, Abu-Risha S, Khattab H	American Journal of Perinatology. (2020) DOI: 10.1055/s-0040-1721659	Zinc Supplementation in Preterm Neonates with Late-Onset Sepsis: Is It Beneficial?
El-Ashmawy N, Khedr E, Elbahrawy H, Abdelhamid R	Journal of Advanced Medical and Pharmaceutical Research. (2020) Vol. 2, issue 1, pp. 8-15	Preventive Role of Soy Protein in Fructose Induced Metabolic Dysfunction in Rats via Inhibition of Nuclear Factor kappa B Pathway

El-Ashmawy NE, Khedr NF, Mansour MG, Al-Ashmawy GM	Clinical and Experimental Medicine. (2020) Vol. 20, issue 4, pp. 545-555	TNM staging for GIT cancers is correlated with the level of MMPs and TGF- β 1
El-Ashmawy NE, Hussien FZ, El-Feky OA, Hamouda SM, Al-Ashmawy GM	Life Sciences. (2020) Vol. 259, pp. 118193	Serum LncRNA-ATB and FAM83H-AS1 as diagnostic/prognostic non-invasive biomarkers for breast cancer
El-Ashmawy NE, Al-Ashmawy GM, Amr EA, Khedr EG	Life Sciences. (2020) Vol. 259, pp.118212	Inhibition of lovastatin-and docosahexaenoic acid-initiated autophagy in triple negative breast cancer reverted resistance and enhanced cytotoxicity
El-Ashmawy NE, Khedr EG, El-Bahrawy HA, Helmy NN	Pathology & Oncology Research. (2020) Vol. 26, issue 3, pp. 1947-1956	Modulatory Effect of Silymarin on Apoptosis in Testosterone-Induced Benign Prostatic Hyperplasia in Rats

Al-Madboly LA, Ali SM, Fakharany EM, Ragab AE, Khedr EG, Elokely KM	Frontiers in Bioengineering and Biotechnology. (2020) Vol. 8, pp. 78	Stress-Based Production, and Characterization of Glutathione Peroxidase and Glutathione S-Transferase Enzymes From Lactobacillus plantarum
Khedr NF, Ebeid AM, Khalil RM	Endocrine. (2020) Vol. 67, issue 1, pp. 109-116	New insights into weight management by orlistat in comparison with cinnamon as a natural lipase inhibitor
Haggag YA, El-Ashmawy NE, Okasha KM	Medical Hypotheses. (2020) Vol. 144, pp. 109957	Is hesperidin essential for prophylaxis and treatment of COVID-19 Infection?
Ghafar MT, Gharib F, Al-Ashmawy GM, Mariah RA	Gene Reports. (2020) Vol. 20, pp. 100706	Serum high-temperature-required protein A2: A potential biomarker for the diagnosis of breast cancer

Hagag A, Elfarargy MS, Lyonis R, Al-Ashmawy GM	Infectious Disorders Drug Targets. (2020) Vol. 21, issue 2, pp. 248-256	Diagnostic value of assessment of Serum Cortisol, Hecpidin and Thyroid Hormone Levels in Neonates with Late Onset Sepsis
Al-Ashmawy GM, El-Sherbeni SA	Journal of Pharmacy & Pharmacognosy Research. 2020) Vol. 8, issue 5, pp. 434-448(Protective effect of Cupressus macrocarpa and Dioon edule against gentamicin-induced nephrotoxicity in rats
El-Sherbeni AS and Al-Ashmawy GM	Journal of Pharmaceutical Sciences and Research (2020) Vol. 12, issue 1, pp. 138-146	Assessment of renoprotective effect of <i>Physalis pubescens L.</i> & <i>Plumeria acutifolia Poir.</i> : Flavonoids from <i>P. pubescens L. Leaves</i>
Elfarargy MS, Ali DA and Al-Ashmawy GM:	Iranian Journal of Neonatology (2020) Vol. 11, issue 2, DOI: 10.22038/ijn.2020.41849.1692	Melatonin supplementation as an adjuvant therapy for prevention of bronchopulmonary dysplasia in neonates



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Ali DA, Al-Ashmawy GM, Aboelnasr SM, El-Feky OA	Journal of Advanced Medical and Pharmaceutical Research (2020) Vol. 1, issue 2, pp. 1-7	Copeptin: Promising Biomarker for Nephropathy in Type II Diabetes
El-Ashmawy NE, Hamouda SM, Al-Ashmawy GM	Cell Biochemistry & Function (2020), DOI: 10.1002/cbf.3601	Long non- coding RNA FAM83H- AS1 as an emerging marker for diagnosis, prognosis and therapeutic targeting of cancer
Asmaa A Kamel, Fotouh R Mansour	Applications of NMR Spectroscopy. Volume 8, 81-121	Book chapter: Applications of NMR Spectroscopy in Cancer Diagnosis.

List of Master thesis

Name of candidate	Title of thesis	Date of award
Eman Abdelsamie Mahmoud Amr	Role of Autophagy in Breast Cancer Cells Treated with Lovastatin and Docosahexaenoic Acid	30/12/2020
Mohamed Gomaa Mahmoud Mansour	Comparative Biochemical Study of Matrix Metalloproteinases as Diagnostic Biomarkers for Gastrointestinal Cancers	30/12/2020
Linda Adly Elsayed Elsayed	MicroRNA-500 as a Predictor Marker for Diagnosis of Hepatocellular Carcinoma in Patients with Chronic Hepatitis C Virus	30/12/2020
Hoda Elsayed Mohamed Fakher	The Role of WNT Signaling Pathway and Glutamine Metabolism in the Pathogenesis of CCL4-induced Liver Fibrosis	30/12/2020
Nada Nabil Mokhtar Helmy	Study of the Molecular Mechanisms of the Pro-apoptotic Effect of Silymarin in Rats with Induced Benign Prostatic Hyperplasia	30/2/2020

Head of Department **Prof. Dr. Eman Gouda Khedr**

إيمان جوده

متابعة تنفيذ الخطة البحثية لقسم الأدوية والسموم

توصيات لجنة المتابعة	أسباب القصور (إن وجد)	أوجه القصور (إن وجد)	يتفق مع الخطة البحثية				المخرج	المستهدف	الفترة الزمنية
			3	2	1	0			
استمرار حضور الطلاب مع الأخذ في الاعتبار الإجراءات الاحترازية	- جائحة الكورونا التي كانت تعيق تواجد الطلاب				√		PhD Master Articles	PhD Master Articles	من يناير إلى ديسمبر ٢٠٢٠
			√						
			√						

List of publications (January 2020-december 2020)

1- Zinc Supplementation in Preterm Neonates with Late-Onset Sepsis: Is It Beneficial?	<ul style="list-style-type: none"> • December 2020 • American Journal of Perinatology 	<ul style="list-style-type: none"> -Sally El-Sayed Abu-Risha -Mohamed Shawky Elfarargy -Ghada Al-Ashmawy -Haidy Khattab
2- TGF- β 2 silencing to target biliary-derived liver diseases	<ul style="list-style-type: none"> • January 2020 • Gut 69(9) 	<ul style="list-style-type: none"> -Bedair I Dewidar -Anne Dropmann - Steven Dooley - Seddik Hammad Others
3-Expression of TLR-2 in hepatocellular carcinoma is associated with tumour proliferation, angiogenesis and Caspase-3 expression	<ul style="list-style-type: none"> • May 2020 • Pathology Research and Practice 216(8):152980 	<ul style="list-style-type: none"> - Bedair I Dewidar -Fatma El-Zahraa -Ammar Mohamed - Seddik Hammad - Tu Vinh Luong - others
4- Therapeutic effect of rocket seeds (<i>Eruca sativa</i> L.) against hydroxyapatite nanoparticles injection induced cardiac toxicity in rats.	<ul style="list-style-type: none"> • July 2020 • Pakistan Journal of Pharmaceutical Sciences 33(44(Suppl), July):1839-1845 	<ul style="list-style-type: none"> - Thanaa Elmasry Badriyah Alotaibi - Ehab Tousson -Sumaiah J. Alarfaj others

5- Effect of inhaled waste anaesthetic gas on blood and liver parameters among hospital staff	Hum Exp Toxicol. 2020;39(12):1585-1595.	-Rehab Elgharabawy -Ashraf M Emara -Alrasheedi KA -Maha Aldubayan -Ahmad Alhowail
6- Ocular films versus film-forming liquid systems for enhanced ocular drug delivery.	Drug Deliv Transl Res. 2020	-Alaa E El-Sisi -Gamal M El Maghraby -Hamdia G Wafa – Ebtessam A Essa
7- Dexamethasone and losartan combination treatment protected cigarette smoke-induced COPD in rats	August 2020 Human & Experimental Toxicology 40(3)	- Samia Sokar - Esraa H Afify - Enas Youssef
8- Potential therapy of vitamin B17 against Ehrlich solid tumor induced changes in Interferon gamma, Nuclear factor kappa B, DNA fragmentation, p53, Bcl2, survivin, VEGF and TNF- α Expressions in mice	January 2020 Pakistan Journal of Pharmaceutical Sciences 33(1(Supplementary)):393 -401	-Thanaa Elmasry - Nora Hamad Al-Shaalan -Ehab Tousson -Areej Al-Ghadeer

9- Ehrlich ascites carcinoma as model for studying the cardiac protective effects of curcumin nanoparticles against cardiac damage in female mice	1 August 2020 Environmental toxicology	-Badriyah Alotaibi -Ehab Tousson - Thanaa A. El-Masry - Najla Altwaijry - Asmaa Saleh
10- Therapeutic effects of rocket seeds (<i>Eruca sativa L.</i>) against testicular toxicity and oxidative stress caused by silver nanoparticles injection in rats	15 April 2020 Environmental toxicology	-Najla Altwaijry, - Thanaa A. El-Masry - Badriyah Alotaibi - Ehab Tousson, -Asmaa Saleh
11- Chicory (<i>Cichorium intybus L.</i>) extract ameliorates hydroxyapatite nanoparticles induced kidney damage in rats	May 2020 Nanoparticles	-Thanaa Elmasry -Najla Altwaijry -Badriyah Alotaibi -Amany Alboghdadly
12- Daclatasvir and Sofosbuvir Mitigate Hepatic Fibrosis Through Downregulation of TNF- α / NF- κ B Signaling Pathway	Curr Mol Pharmacol 2020;13(4):318-327	-Sherin Zakaria -Alaa E El-Sisi
13- The potential beneficial effects of sildenafil and diosmin in experimentally-induced gastric ulcer in rats	Volume 6, Issue 8, August 2020 Heliyon	-Alaa E.El-Sisi -Samia S.Sokar -Sally E.Abu-Risha -Doaa Y.Khira



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14-Targeting IL-10, ZO-1 genes expression and IL-6/STAT-3 trans-signaling by a combination of atorvastatin and mesalazine to enhance anti-inflammatory effects and attenuates progression of oxazolone induced colitis.	April 2020 ,Fundamental and clinical pharmacology	Nageh Ahmed El-Mahdy, Magda El-Sayed El-Sayad, Aya Hassan El- Kadem and Sally El-Sayed Abu-Risha
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Master thesis 2020

Name of candidate	Title of thesis	Date of award
Norhan EL-refaiy Mobarak	The effect of different therapeutic drugs on cancer stem cells using an experimental tumor mouse model	2/2020
Rhagda Nageh EL-mahdy	Potential beneficial effects of moringa and phosphodiesterase-5inhibitors alone or in combination in experimentally induced gastric ulcer in rats	10/2020

List of PhD thesis 2020

Name candidate	Title of thesis	Date of award
Ethar Abu El-yazid Mousa	Effects of metformin on the food borne carcinogen(2 amino-1 methy phenylimidazole (4.5b)-induced mammary carcinomains rats	11/2020

متابعة تنفيذ الخطة البحثية لقسم العقاقير

توصيات لجنة المتابعة	أسباب القصور (إن وجد)	أوجه القصور (إن وجد)	يتفق مع الخطة البحثية				المخرج	المستهدف	الفترة الزمنية
			3	2	1	0			
استمرار الطلاب في البحث مع اخذ الاجراءات الاحترازية	جائحة الكورونا التي كانت تعيق التواجد الي جانب اصابة بعض طلاب الدراسات العليا	مد لبعض طلاب الماجستير	√				1 PhD	1 PhD	من يناير إلى ديسمبر ٢٠٢٠
						√	0 Master	2 Master	
			√				14 Articles	2 Articles	

List of publications

No.	Authors list	Article publication	Article title
1	A. Zayed, M. El-Aasr, A.-R. Ibrahim, R. Ulber	Mar Drugs 2020, 18(11), 571.	Fucoidans characterization: Determination of purity, physico-chemical, and chemical characters for reliable health-promoting benefits
2	M. M. Elmassry, A. Zayed, M. A. Farag	Crit Rev Food Sci Nut 2020.	Gut homeostasis and microbiota under attack: impact of the different types of food contaminants on gut health.
3	A. Zayed & M. A. Farag.	LWT-Food Sci Technol 2020, 132, 109883.	Valorization, extraction optimization and technology advancements of artichoke biowastes: Food and non-food applications.
4	A. Zayed & R. Ulber.	Mar. Drugs 2020, 18(3), 170.	Fucoidans: Downstream processes and recent applications.
5	A. Zayed, A. Serag, M. A. Farag.	J Funct Foods 2020, 69, 103937.	<i>Cynara cardunculus</i> L.: Outgoing and potential trends of phytochemical, industrial, nutritive and medicinal merits.
6	A. A. Abdella, R. Ulber, A. Zayed.	Carbohydr. Polym. 2020, 231, 115686.	Chitosan-toluidine blue beads for purification of fucoidans.

7	Ragab, A.E., Ibrahim, A.-R.S., Léon, F	Records of Natural Products, 2020, 14(4), pp. 292–296	O-formyl -27-hydroxyfusidic acid: A new metabolite of fusidic acid by <i>cunninghamella echinulata</i>
8	Negm, W.; Abo El-Seoud, K.; Kabbash, A.; El-Aasr, M.	Journal of Advanced Medical and Pharmaceutical Research 2020, 1, (1), 9-13.	Investigation of the Biological Activity Some Gymnosperm Plants Belong to Cycadales Order.
9	Negm, W. A.; Abo El-Seoud, K. A.; Kabbash, A.; Kassab, A. A.; El-Aasr, M.	Natural Product Research 2020, 1-11.	Hepatoprotective, cytotoxic, antimicrobial and antioxidant activities of <i>Dioon spinulosum</i> leaves Dyer Ex Eichler and its isolated secondary metabolites.
10	Lamiaa A. Al-Madboly, Nehal M. El-Deeb, Amal Kabbash, Manal A. Nael, Ahmed M. Kenawy, and Amany E. Ragab	June 2020, Frontiers in Bioengineering and Biotechnology 8:450	Purification, Characterization, Identification, and Anticancer Activity of a Circular Bacteriocin From <i>Enterococcus thailandicus</i>
11	Lamiaa A. Al-Madboly, Safaa M. Ali, Esmail M. El Fakharany, Amany E. Ragab, Eman G. Khedr, and Khaled M. Elokely	Front Bioeng Biotechnol. 2020; 8: 78.	Stress-Based Production, and Characterization of Glutathione Peroxidase and Glutathione S Transferase Enzymes From <i>Lactobacillus plantarum</i>
12	A Kabbash, A Yagi, BP Yu , S Ataka.	Journal of Diabetes Research Reviews & Reports. , 2020, Volume: 2, Issue: (4), Page: 1-6	Exploratory Approaches for the Use of Aloe for Covid-19 Treatment: Prevention and Mitigation Effect.

13	Manar A Kandeil, Samia H. Eissa, Hoda K. Salem, Nahla Omran, Amal M. Kabbash, Mohamed A. Salem.	Chemoecology 30(6), 2020.	Chemotaxonomic study of the most abundant Egyptian sea-cucumbers using ultra-performance liquid chromatography (UPLC) coupled to high-resolution mass spectrometry (HRMS).
14	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	Int J Biol Macromol. 2020.Nov 15;163:2236-2247.	Synthesis and characterization of polyvinyl alcohol/corn starch/linseed polyol-based hydrogel loaded with biosynthesized silver nanoparticles



جامعة طنطا
كلية الصيدلة

List of PhD thesis

Name candidate	Title of thesis	Date of award
Walaa Ahmed Zaky Negm	A Phytochemical and Biological Investigation of Some Plants Belong to Cycadales Order Cultivated in Egypt	30/8/2020

متابعة تنفيذ الخطة البحثية لقسم الكيمياء التحليلية

توصيات لجنة المتابعة	أسباب القصور (إن وجد)	أوجه القصور (إن وجد)	يتفق مع الخطة البحثية				المخرج	المستهدف	الفترة الزمنية
			3	2	1	0			
سوف يحرص القسم دائما على الالتزام بالخطة البحثية	لا يوجد	تم مناقشة رسالة دكتوراة فى نهاية ٢٠٢٠ والمنح فى ٢٠٢١					0PhD 5Master 25Articles	1PhD 2Master 4Articles	٢٠٢٠



List of publications

Authors list	Article publication	Article title
BassamShaabanMohammeda, Amal E. Hamad, Samah F. El-Malla, Sayed M Derayea	Microchemical Journal 152 (2020) 104372	Sensitive spectrofluorimetric assay based on micelle enhanced protocol for the determination of hepatitis C antiviral agent (simeprevir): Application to dosage form and human plasma
Amal E. Hamad, BassamShaaban Mohammed, Sayed M. Derayea, Samah F. El-Malla	SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy 239 (2020) 118471	Micelle sensitized synchronous spectrofluorimetric approaches for the simultaneous determination of simeprevir and ledipasvir: Application to pharmaceutical formulations and human plasma
MokhtarMabrouk, SherinHammad, AyaAbdella, Fotouh Mansour	SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy (Volume 241, 5 November 2020, 118668)	Chitosan-based molecular imprinted polymer for extraction and spectrophotometric determination of ketorolac in human plasma
HythamM.Ahmed,MahmoudA.Omar,H anyA.Batakoushy, Mohamed A. AbdelHamid	MicrochemicalJournal, Vol ume 154,May 2020, 104560	HPTLC-densitometric analysis of selected antidiabetic drugs in presence of their degradation products
Mohamed A. Abdel Hamid, Mokhtar M. Mabrouk, Mary A. Michael	Journal of Separation Science, Volume 43, Issue	A fast and green reversed-phase HPLC method with fluorescence detection for simultaneous determination of

	16 , p. 3197-3205	amlodipine and celecoxib in their newly approved fixed-dose combination tablets.
Mahmoud A.Omar, HythamM.Ahmed, HanyA.Batakoushy, Mohamed A. AbdelHamid	SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy, Volume 235,5 July 2020, 118307	New spectrofluorimetric analysis of empagliflozin in its tablets and human plasma using two level full factorial design
Mahmoud A Omar, Mohamed A Abdel Hamid, Hany A Batakoushy, Hytham M Ahmed	Luminescence, volume 35, no. 2,pp.260-265	Second-derivative synchronous spectrofluorimetric assay of dapagliflozin: Application to stability study and pharmaceutical preparation.
Mahmoud A Omar, Hytham M Ahmed, Hany A Batakoushy, Mohamed A. AbdelHamid	SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy ,Volume 241, 5 November 2020, 118642	Fluorescence spectroscopy for determination of dapagliflozin in pure form and its tablets formulation; Application to content uniformity testing
Ahmed Habib, MokhtarM.Mabrouk, NouranA.Hamed, FotouhR.Mansour	Microchemical Journal, 158, 105141 (2020)	An innovative spectrophotometric method for determination of polidocanol in pharmaceutical ampoules using phase equilibrium measurements combination tablets.
Ahmed A. Habib, Sherin F. Hammad, Safa M. Megahed&Amira H. Kamal	Chromatographia volume 83, pages1221–1231 (2020)	Innovative Quality by Design Approach for Development of Green Micellar HPLC Method for Simultaneous Determination of Atorvastatin and Amlodipine



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Amira H. Kamal, Aya A. Marie, Sherin F. Hammad	Microchemical, 152, January 2020, 104350	Stability indicating RP-HPLC method for simultaneous determination of omeprazole and aspirin in the presence of salicylic acid as degradation product
AyaSaadRadwan Mohamed M. Salim Sherin F. Hammad	Luminescence.1-11.(2020)	Synchronous spectrofluorometric methods for simultaneous determination of diphenhydramine and ibuprofen or phenylephrine in combined pharmaceutical preparations
Amira H. Kamal, Aya A. Marie, Sherin F. Hammad	Microchemical journal vol.155 June(2020)	Validated spectrophotometric methods for simultaneous determination of nebivolol hydrochloride and valsartan in their tablet
Ahmed A. Habib,Hassan A M Hendawy, Sherin F Hammad, Lories I Bebawy, Marian A Girges	Anal.Bioanal.Electrochem. vol.12,No,2, 223-237 (2020)	Electrochemical Approach for Determination of TetrahydrozolineHCl using Gold Nanoparticles Electrode
"Sabry Ali El-Naggar, KarimSamy El-Said, Mona Elwan, MaysaMobasher, FotouhMansour, Mohamed Elbakry, Doaa Ibrahim Kabil	Toxicology and Industrial Health 36 (2020) 436-445	Toxicity of bean cooking media containing EDTA in mice
BasmaAlsaeed, Fotouh R Mansour	Microchemical Journal 155 (2020) 104664	Distance-based paper microfluidics; principle, technical aspects and applications
AmalHamad, Mohamed Elshahawy, AmrNegm and Fotouh R. Mansour	Reviews in Analytical Chemistry 38 (2020)	Analytical methods for determination of glutathione and glutathione disulfide in pharmaceuticals and biological fluids

"		
Mokhtar M Mabrouk, Suzan M Soliman, Heba M El-Agizy, Fotouh R Mansour	Journal of Chromatography B 1136 (2020) 121932	Ultrasound-assisted dispersive liquid–liquid microextraction for determination of three gliflozins in human plasma by HPLC/DAD
AmalHamad, Mohamed Elshahawy, AmrNegm and Fotouh R. Mansour	Journal of Separation Science 43 (2020) 56-69	Porogens and porogen selection in the preparation of porous polymer monoliths
Asmaa A Kamel, Fotouh R Mansour	Applications of NMR Spectroscopy	Applications of NMR Spectroscopy in Cancer Diagnosis
Mokhtar M Mabrouk, Hind AM Noureldin, Ibrahim HA Badr, Amira HK Saad	SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy	Simple spectrofluorimetric methods for determination of veterinary antibiotic drug (apramycin sulfate) in pharmaceutical preparations and milk samples
Hanan I EL-Shorbagy, FawziElsebaei, Sherin F Hammad, Amina M El-Brashy	Microchemical Journal	A green stability-indicating RP-HPLC-UV method using factorial design for determination of ribavirin, sofosbuvir and ledipasvir: Application to average content, acid degradation kinetics and in vitro drug interactions study
Heba A Aref, Sherin F Hammad, Mohamed SalehElgawish, Khaled M Darwish	Luminescence	Novel spectrofluorimetric quantification of linagliptin in biological fluids exploiting its interaction with 4-chloro-7-nitrobenzofurazan
Safa Mohamed Megahed, Ahmed Habib, MokhtarMabrouk, SherinHammad	Journal of Advanced Medical and Pharmaceutical Research	Application of Chromatographic Response Function in Development of Stability Indicating HPLC Method for Determination of Benoxinate Hydrochloride and Fluorescein



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		Sodium Mixture Using Factorial Desig
Heba A Aref, Sheribiofluids expn F Hammad, Khaled M Darwish, Mohammed S Elgawish	Luminescence	Novel spectrofluorimetric quantification of alogliptin benzoate in loiting its interaction with 4-chloro-7-nitrobenzofurazan



List of Master thesis

Name of candidate	Title of thesis	Date of award
Nouran Abd Elmenem Hamed	Development of Analytical Methods for Determination of Drugs with Surface Activity and Measuring Critical Micelle Concentration Analytical Study of some antiviral drugs	30/12/2020
Mai Adel Meki	Analytical Study of some antiviral drugs	30/10/2020
Aya Abo Eleneen Marei	Development of New Chemometric Methods for Determination of Some Cardiovascular Drugs	29/4/2020
Mohamed Hassan Mehana	chemical derivatization as a tool for development of selected analytical methods for determination of some pharmaceutical compounds containing carboxylic group	28/7/2020
Aya Saad Radwan	New analytical methods for determination of nitrogen/carbonyl group containing drugs	28/7/2020

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-لا يوجد-

متابعة تنفيذ الخطة البحثية لقسم الكيمياء الصيدلانية

توصيات لجنة المتابعة	أسباب القصور (إن وجد)	أوجه القصور (إن وجد)	يتفق مع الخطة البحثية				المخرج	المستهدف	الفترة الزمنية
			3	2	1	0			
			√				1 PhD	0 PhD	من يناير إلى ديسمبر ٢٠٢٠
				√			2 Master	4 Master	
			√				8Articles	4 Articles	



List of publications

Authors list	Article publication	Article title
Ehab A Ragab, Usama Shaheen, Ammar Bader, KhaledMElokely, Mohammed M Ghoneim	Records of Natural Products (2020) 20, 231-240	Computational study and biological evaluation of isolated saponins from the fruits of <i>Gleditsia aquatica</i> and <i>Gleditsia caspica</i>
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. 2020 ,8, 78	Stress-based production, and characterization of glutathione peroxidase and glutathione S-transferase enzymes from <i>Lactobacillus plantarum</i>
Lamiaa A Al-Madboly, Nehal M El-Deeb, Amal Kabbash, Manal A Nael, Ahmed M Kenawy, Amany E Ragab	Frontiers in bioengineering and biotechnology (2020) 8 , 450	Purification, Characterization, Identification, and Anticancer Activity of a Circular Bacteriocin From <i>Enterococcus thailandicus</i>
Mervat H. ElHamamsy Nabaweya A. Sharafeldin Tarek F. ElMoselhy Haytham O. Tawfik	Archiv der Pharmazie. 2020, 353(8) 1-18	Design, synthesis, and molecular docking study of newmonastrol analogues as kinesin spindle protein inhibitors



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Wayne E Childers, Khaled M Elokely, Magid Abou-Gharbia	Medicinal Chemistry Letters. 2020, 11, 10, 1820–1828	The resurrection of phenotypic drug discovery
AishaAK Al-Ashmawy, Khaled M Elokely, Oscar Perez-Leal, Mario Rico, John Gordon, George Mateo, Abdelsattar M Omar, MagidAbou-Gharbia, Wayne E Childers Jr	Med. Chem. Lett. 2020, 11, 11, 2156–2164	Discovery and SAR of Novel Disubstituted Quinazolines as Dual PI3Kalpha/mTOR Inhibitors Targeting Breast Cancer
Eman A Abd El-Meguid, Eman M Mohi El-Deen, Manal A Nael, Manal M Anwar	Arabian Journal of Chemistry. 2020, 13(12), 9179-9195	Novel benzimidazole derivatives as anti-cervical cancer agents of potential multi-targeting kinase inhibitory activity



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Name of candidate	Title of thesis	Date of award
Heba mohammady	Design, Synthesis, Computational Chemistry and Potential Anticancer Activity of Novel Chalcone and Chalconoid Derivatives	11/10/2020
Ahmed Samir	Towards Development of HCV NS5B Polymerase Non-nucleos(t)ide Inhibitors Focusing on Genotype 4	31/10/2020

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Name of candidate	Title of thesis	Date of award
Peter Samir	Design, Synthesis, biological screening and Computer Aided Drug Design of Novel Dihydropyridines	29/9/2020

متابعة تنفيذ الخطة البحثية لقسم الصيدلة الإكلينيكية

توصيات لجنة المتابعة	أسباب القصور (إن وجد)	أوجه القصور (إن وجد)	يتفق مع الخطة البحثية				المخرج	المستهدف	الفترة الزمنية
			3	2	1	0			
	المسجلين لدرجة الدكتوراة لم يتجاوزوا العامين علي تاريخ التسجيل او لم يكملوا تجميع المادة العلمية بعد	عدم استيفاء عدد المناقشين لدرجة الدكتوراة				✓	0 PhD 5 Master 8 Articles	1 PhD 3 Master 5 Articles	من يناير إلى ديسمبر ٢٠٢٠
			✓						
			✓						



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Authors list	Article publication	Article title
Tarek Mohamed Mostafa, Sahar Kamal Hegazy, Emad M. Elshebini, Dalia S. Saif & Ahmed H. Elabd.	Indian J Med Res 152, October 2020, pp 393-400	A comparative study on the anti-inflammatory effect of angiotensinreceptor blockers & statins on rheumatoid arthritis disease activity
Sahar K Hegazy, Tamer A Elbedewy, Haidy M Sami.	Asian Journal of Pharmaceutical and Clinical Research, vol 13, Issue 3, January 2020, 1-8	Effect of fenofibrate adjuvant therapy on endothelial dysfunction and cardiovascular risk in Egyptian patients with type 2 diabetes mellitus
Nagwan S. Farhoud, Osama M. Ibrahim, Sherif E. Ezzat	J Clin Gastroenterol, vol 54, no.9, October 2020	Efficacy and Cost-effectiveness Comparison of 10-Day, 14-Day Sequential Versus 14-Day Triple Therapies for Treating Helicobacter pylori Infection in Egyptian Patients
Rehab Werida, Mahmoud Kabel, Gamal Omran, Ahmed Shokry, Tarek Mostafa.	Diabetes Research and Clinical Practice, 170, 2020, 108473	Comparative clinical study evaluating the effect of adding Vildagliptin versus Glimepiride to ongoing Metformin therapy on diabetic patients with symptomatic coronary artery disease
Douglas M McMillan, Ahmed A El-Sherbeni, Janielle Richards, Rachel F Tyndale	Brain Res Bull, 2020 Nov;164:400-406.	Centrally administered CYP2D inhibitors increase oral tramadol analgesia in rats



Ahmed A El-Sherbeni, Marlaina R. Stocco, Fariba B. Wadji, Rachel F. Tyndale	Journal of chromatography. A, 1627, 2020, 461403	Addressing the instability issue of dopamine during microdialysis: the determination of dopamine, serotonin, methamphetamine and its metabolites in rat brain
Doaa El Amrousy, Dalia El-Afify	Cytokine, 2020 Apr 4; 130:155084.	Effects of alpha lipoic acid as a supplement in obese children and adolescents

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Name of candidate	Title of thesis	Date of award
Bassant Maher Abbas	Assessment of the cardiovascular effect of vildagliptin in patients with type 2 Diabetes Mellitus	1/2020
Nawan salama Farhoud	Sequential versus triple therapy as the treatment of Helicobacter Pylori infection	2/2020
Naglaa Fathi Mohammed Ebeid	The Effect of genetic variations on ribavirin pharmacokinetics and pharmacodynamics in Egyptian patients receiving sofosbuvir/daclatasvir and ribavirin	4/2020
Haidy Mahmoud Sami	Assessment of the effect of fenofibrate adjuvant therapy on endothelial dysfunction in patients with type 2 diabetes mellitus	8/2020
Aya Hamed Mesallam	The possible effectiveness of theophylline in preventing contrast-induced nephrotherapy in patient undergoing cardiac catheterization	9/2020