

القسم العلمي:	الأدوية والسموم
العام الجامعي:	2022-2023

الأبحاث المنشورة لأعضاء هيئة التدريس في الفترة من ٢٠٢٢/٨/١ الى ٢٠٢٣/٧/٣١

(١) الابحاث المنشورة دوليا

	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journ al quartil e	Impact factor	Tick √ if it is applied research
1.	Metabolic/hypoxial axis predicts tamoxifen resistance in breast cancer.	Scientific Reports/2022 September	Sara A Wahdan, Ebtehal El-Demerda sh	Hany N Azzam 1, Marwa O El-Derany 2, Reham M Faheim 3, Gouda K Helal 1 1-Department of Pharmacology and Toxicology, Faculty of Pharmacy, Heliopolis University, Cairo, Egypt. 2-Department of Biochemistry, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt. 3-Department of Clinical Oncology and Nuclear	Q1	4.996	√

اعتماد مجلس القسم رقم (١٣) بتاريخ ١٢ / ٧ / ٢٠٢٣ م

أمضاء رئيس القسم
أ.د. إبتهاال الدمرداش

٥٤ / إبتهاال الدمرداش

	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journ al quartil e	Impact factor	Tick ✓ if it is applied research
				Medicine, Faculty of Medicine, Ain Shams University, Cairo, Egypt.			
2.	The Cannabinoid-2 receptor agonist, 1- phenylisatin, protects against cisplatin- induced nephrotoxicity.	Life Sciences/2022 November	Haidy E Michel, Ebtehal El- Demerdash	Sandra Georgy Chafik Egyptian Drug Authority (EDA), Giza, Egypt.	Q1	6.1	✓
3.	Effects of aged garlic and ginkgo biloba extracts on the pharmacokinetics of sofosbuvir in rats.	Biopharmaceutics & Drug Disposition/ 2022 Aug	Sara A Wahdan, Ebtehal El- Demerdash	Abanoub K Wasef 1, Noha M Saeed 2 1-Pharmacology and Toxicology Department, Faculty of Pharmacy, Sinai University (Kantara Campus), Ismailia, Egypt. 2-Pharmacology and Toxicology Department, Faculty of Pharmacy, Egyptian Russian University, Cairo, Egypt.	Q4	2.15	✓

اعتماد مجلس القسم رقم (١٣) بتاريخ ١٢ / ٧ / ٢٠٢٣ م

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	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journ al quartil e	Impact factor	Tick √ if it is applied research
4.	Vildagliptin alleviates liver fibrosis in NASH diabetic rats via modulation of insulin resistance, oxidative stress, and inflammatory cascades.	Life Sciences/2022 September	Eman M Mantawy , Ebtehal El-Demerda sh	Ahmed S Hendawy 1, Naglaa M El-Lakkany 1, Olfat A Hammam 2, Sanaa S Botros 1 1-Department of Pharmacology, Theodor Bilharz Research Institute, Kornaish El Nile, Warrak El-Hadar, Imbaba, 30, Giza 12411, Egypt. 2-Department of Pathology, Theodor Bilharz Research Institute, Kornaish El Nile, Warrak El-Hadar, Imbaba, 30, Giza 12411, Egypt.	Q1	6.1	√
5.	Neuroprotective repositioning and anti-tau effect of carvedilol on rotenone induced neurotoxicity in rats: Insights from an insilico& in vivo anti-Parkinson's disease study.	European Journal of Pharmacology/2022 Oct	Esther Menze, Samar S Azab	Rana E Kamal 1, Amgad Albohy 2 , Hebatalla I Ahmed 3 1-Department of Pharmacology and Toxicology, Heliopolis University, Cairo, Egypt.	Q2	5.195	√

اعتماد مجلس القسم رقم (١٣) بتاريخ ١٢ / ٧ / ٢٠٢٣ م

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٥٤ / إبتهاال الدمرداش

	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journ al quartil e	Impact factor	Tick √ if it is applied research
				2-Department of Pharmaceutical Chemistry, The British University in Egypt (BUE), El-Sherouk City, Cairo, 11837, Egypt; The Center for Drug Research and Development (CDRD), The British University in Egypt (BUE), El-Sherouk City, Egypt. 3-Department of Pharmacology and Toxicology, Al-Azhar University, Cairo, Egypt.			
6.	Glimepiride mitigates tauopathy and neuroinflammation in P301S transgenic mice: role of AKT/GSK3 β signaling.	Inflam mopharmacol ogy/ 2022 Oct	Doaa A Elsherbin y, Samar S Azab	Mennatallah O Zaki 1, S El- Desouky 2, Mohamed Salama 2 3. 1-Department of Pharmacology and Toxicology, Faculty of Pharmacy, Horus University, New Damietta, Egypt.	Q1	5.8	√

اعتماد مجلس القسم رقم (١٣) بتاريخ ١٢ / ٧ / ٢٠٢٣ م

أمضاء رئيس القسم
أ.د. إيهال الدمرداش

٥٤ / إيهال الدمرداش

	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journ al quartil e	Impact factor	Tick √ if it is applied research
				2-Medical Experimental Research Center (MERC), Faculty of Medicine, Mansoura University, Mansoura, Egypt. 3- Institute of Global Health and Human Ecology, The American University in Cairo, Cairo, Egypt.			
7.	Nebivolol elicits a neuroprotective effect in the cuprizone model of multiple sclerosis in mice: emphasis on M1/M2 polarization and inhibition of NLRP3 inflammasome activation.	Inflammopharmacology/ 2022 Aug	Antoinette G Naeem, Reem N El-Naga, Haidy E Michel	–	Q1	5.8	√
8.	Effect of renin angiotensin blockers on angiotensin converting enzyme 2 level in cardiovascular patients.	BMC Pharmacology and Toxicology /2023 April	Ebtehal El-Demerdash	Sarah Farid Fahmy 1, Marwa Omar El Derany 2, Hazem Khorshid 3, Ayman Saleh 3.	Q3	2.9	√

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	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journ al quartil e	Impact factor	Tick √ if it is applied research
				1-Department of Clinical Pharmacy, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt. 2- Department of Biochemistry, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt. 3- Department of Cardiology, Faculty of Medicine, Ain Shams University, Cairo, Egypt.			
9.	Effect of phylloquinone on indomethacin-induced gastric ulceration in rats: Role of SIRT-1.	Clinical and Experimental Pharmacology and Physiology /2023 May	Sara A Wahdan, Ebtehal El-Demerdash	Sara E Hamza Egyptian Drug Authority, Giza, Egypt.	Q3	2.963	√
10.	Vildagliptin restores cognitive function and mitigates hippocampal neuronal apoptosis in cisplatin-induced chemo-brain: Imperative roles of AMPK/Akt/CREB/	Biomedicine & Pharmacotherapy/2023 March	Eman M Mentawy, Sara A Wahdan, Ebtehal El-	Abdulla M A Mahmoud 1, Ramy M Ammar 2. 1-Department of Pharmacology and Toxicology, Faculty of	Q1	7.5	√

اعتماد مجلس القسم رقم (١٣) بتاريخ ١٢ / ٧ / ٢٠٢٣ م

أمضاء رئيس القسم
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٥٤ / إبتهاال الدمرداش

	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journ al quartil e	Impact factor	Tick √ if it is applied research
	BDNF signaling cascades.		Demerdash	Pharmacy, Badr University in Cairo (BUC), Cairo, Egypt. 2- Department of Pharmacology and Toxicology, Faculty of Pharmacy, Kafrelsheikh University, Kafr-Elsheikh, Egypt.			
11.	Linagliptin counteracts rotenone's toxicity in non-diabetic rat model of Parkinson's disease: Insights into the neuroprotective roles of DJ-1, SIRT-1/Nrf-2 and implications of HIF1- α .	European Journal of Pharmacology/ 2023 Feb	Esther T Menze, Mariane G Tadros	Rania Z ElGamal Department of Pharmacology and Toxicology, Faculty of Pharmacy, Sinai University - Kantara Branch, Ismailia, 41636, Egypt.	Q2	5.195	√
12.	Roflumilast escalates α -synuclein aggregate degradation in rotenone-induced Parkinson's disease in rats: Modulation of the ubiquitin-proteasome system and endoplasmic reticulum stress.	Chemico-Biological Interactions/ 2023 jul	Mahmoud A Desouky, Mina Y George, Haidy E Michel, Doaa A Elsherbin y	—	Q1	5.168	√

اعتماد مجلس القسم رقم (١٣) بتاريخ ١٢ / ٧ / ٢٠٢٣ م

أمضاء رئيس القسم
أ.د. إيهال الدمرداش

٥٤ / إيهال الدمرداش

	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journ al quartil e	Impact factor	Tick √ if it is applied research
13.	Chemical characterization of the polyphenolic rich fraction of <i>Thunbergia erecta</i> and its therapeutic potential against doxorubicin and cyclophosphamide-induced cognitive impairment in rats.	Journal of Ethnopharmacology/2023 May	Mina Y George	Mariam I Gamal El-Din 1, Fadia S Youssef 2. 1-Department of Pharmacognosy, Faculty of Pharmacy, Ain Shams University, Cairo, 11566, Egypt. Electronic address: mariam_gamal@pharma.asu.edu.eg. 2-Department of Pharmacognosy, Faculty of Pharmacy, Ain Shams University, Cairo, 11566, Egypt. Electronic address: fadiayoussef@pharma.asu.edu.eg.	Q2	5.4	√
14.	Design and evaluation of chrysin-loaded nanoemulsion against lithium/pilocarpine-induced status epilepticus in rats; emphasis on	Expert Opinion on Drug Delivery/2023 Jan	Mina Y George	Marwa O El-Derany 1, Yasmine Ahmed 2, Malvina Zaher 2, Caroline Ibrahim 2, Habiba Waleed 2, Hajar Khaled 2, Gehad	Q1	6.6	√

اعتماد مجلس القسم رقم (١٣) بتاريخ ١٢ / ٧ / ٢٠٢٣ م

أمضاء رئيس القسم
أ.د. إيهال الدمرداش

٥٢ / إيهال الدمرداش

	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journ al quartil e	Impact factor	Tick √ if it is applied research
	formulation, neuronal excitotoxicity, oxidative stress, microglia polarization, and AMPK/SIRT-1/PGC-1 α pathway.			Khaled 2, Ahmed Saleh 2, Huda Alshafei 2, Rahma Alshafei 2, Nirmeen Ahmed 2, Sara Ezz 2, Nouran Ashraf 2, Shaimaa S Ibrahim 3. 1-Department of Biochemistry, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt. 2-Drug Design Program, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt. 3-Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt.			
15.	Nose to brain delivery of naringin-loaded chitosan nanoparticles for potential use in oxaliplatin-induced	Expert Opinion on Drug Delivery/2023 June	Diana M F Hanna, Mina Y George,	John Youshia 2, Sarah Farid Fahmy 3,	Q1	6.6	√

اعتماد مجلس القسم رقم (١٣) بتاريخ ١٢ / ٧ / ٢٠٢٣ م

أمضاء رئيس القسم
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٥٤ / إيهال الدمرداش

	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journ al quartil e	Impact factor	Tick √ if it is applied research
	chemobrain in rats: impact on oxidative stress, cGAS/STING and HMGB1/RAGE/TLR2/ MYD88 inflammatory axes.			2-Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt. 3-Department of Clinical Pharmacy, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt.			
16.	L-carnitine Modulates Cognitive Impairment Induced by Doxorubicin and Cyclophosphamide in Rats; Insights to Oxidative Stress, Inflammation, Synaptic Plasticity, Liver/brain, and Kidney/brain Axes.	Journal of Neuroimmun e Pharmacolog y/ 2023 May	Olivia Fayez Morid, Mina Y George, Esther T Menze, Mariane G Tadros.	-	Q1	6.2	√
17.	Neuromodulatory effect of vardenafil on aluminium chloride/D- galactose induced Alzheimer's disease in rats: emphasis on amyloid-beta, p-tau, PI3K/Akt/p53 pathway,	Inflammopha rmacology/ 2023 July	Mahmoud A Desouky, Mina Y George	Heba H Awad 1, Alaa Zidan 3, Mariam Bassem 3, Amaal Qasem 3, Mona Farouk 3, Haidy AlDeab 3, Miral Fouad 3, Cherry Hany 3,	Q1	5.8	√

اعتماد مجلس القسم رقم (١٣) بتاريخ ١٢ / ٧ / ٢٠٢٣ م

أعضاء رئيس القسم
أ.د. إيهال الدمرداش

٥٤ / إيهال الدمرداش

	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journ al quartil e	Impact factor	Tick √ if it is applied research
	endoplasmic reticulum stress, and cellular senescence.			Nada Basem 3, Rita Nader 3, Ashrakat Alkalleny 3, Verina Reda 3. 1-Department of Pharmacology and Toxicology, Faculty of Pharmacy, October University for Modern Sciences and Arts (MSA University), Cairo, Egypt. 3-Drug Design Program, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt.			
18.	Modulatory effect of liraglutide on doxorubicin-induced testicular toxicity and behavioral abnormalities in rats: role of testicular-brain axis.	Naunyn- Schmiedeberg 's Archives of Pharmacolog y/2023 May	Shorouk A Alafifi, Sara A Wahdan, Doaa A Elsherbin y, Samar S Azab	Alzahraa A Elhemiely Researcher of Pharmacology, Egyptian Drug Authority, Cairo, Egypt.	Q2	3.6	√

اعتماد مجلس القسم رقم (١٣) بتاريخ ١٢ / ٧ / ٢٠٢٣ م

أمضاء رئيس القسم
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	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journ al quartil e	Impact factor	Tick √ if it is applied research
19.	Insights into the therapeutic outcomes of trimetazidine/doxorubi cin combination in Ehrlich solid-phase carcinoma mouse tumor model.	Life Sciences/2023 July	Somaya M Abdeljali l, Sara A Wahdan, Mai F Tolba	Hesham Elghazaly Clinical Oncology Department, Faculty of Medicine, Ain Shams University, Cairo, Egypt; Medical Research Center (MASRI), Faculty of Medicine, Ain Shams University, Cairo, Egypt.	Q1	6.1	√
20.	Molecular mechanisms underlying cyclophosphamide- induced cognitive impairment and strategies for neuroprotection in preclinical models.	Molecular and Cellular Biochemistry/ 2023 July	Kamilia M Ibrahim, Eman M Mantawy , Ebtehal El- Demerdash	Samar F Darwish Department of Pharmacology & Toxicology, Faculty of Pharmacy, Badr University in Cairo (BUC), Badr City, Cairo, 11829, Egypt.	Q2	4.3	√

اعتماد مجلس القسم رقم (١٣) بتاريخ ١٢ / ٧ / ٢٠٢٣ م

أمضاء رئيس القسم
أ.د. إبتهاال الدمرداش

٥٤ / إبتهاال الدمرداش

٢) الابحاث المنشورة محليا

	Publication title	Journal name/year	Authors from the department	Authors from other departments, faculties, or universities and their affiliation	Impact factor	Tick ✓ if it is applied research
1.	Doxorubicin-induced testicular toxicity: possible underlying mechanisms and promising pharmacological treatments in experimental models.	Archives of pharmaceutical sciences Ain shams university /2022 December	Shorouk Alafifi, Sara Wahdan, Doaa Elsherbiny, Samar S Azab			
2.	Insights into the neuroprotective properties of Biochanin-A.	Archives of pharmaceutical sciences Ain shams university /2022 December	Mai Fathy Tolba, Haidy E Michel, Samar Azab	Sarah Hussein The Center of Drug Discovery Research and Development, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt		
3.	Taurine upregulated 1: Prognostic biomarker in breast cancer.	Archives of pharmaceutical sciences Ain shams university /2023	Sara A Wahdan, Ebtehal El-Demerdash	Hany Azzam 1, Marwa El-Derany 2, Reham Faheim 3, Gouda Kamel 4 1- Department of Pharmacology and Toxicology, Faculty of Pharmacy, Heliopolis		

اعتماد مجلس القسم رقم (١٣) بتاريخ ١٢ / ٧ / ٢٠٢٣ م

أمضاء رئيس القسم
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٥٤ / إبتهاال الدمرداش

				University, Cairo, Egypt. 2-Department of Biochemistry, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt. 3-Department of Clinical Oncology and Nuclear Medicine, Faculty of Medicine, Ain Shams University, Cairo, Egypt. 4-Department of Pharmacology and Toxicology, Faculty of Pharmacy, Heliopolis University, Cairo, Egypt, Department of Pharmacology and Toxicology, Faculty of Pharmacy, Al- Azhar University, Cairo, Egypt.		
4.	Direct Acting Antiviral Drugs: Pharmacokinetics and Drug-Drug Interactions.	Archives of pharmaceutical sciences Ain shams university/ 2023	Sara A Wahdan, Ebtehal El- Demerdash	Marina Barakat 1, Azza Awad1. 1-Department of Pharmacology and Toxicology,		

اعتماد مجلس القسم رقم (١٣) بتاريخ ١٢ / ٧ / ٢٠٢٣ م

أعضاء رئيس القسم
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أ.د. إبتهاال الدمرداش

				Faculty of Pharmacy, Ahran Canadian University, October, Egypt		
5.	Mechanistic insights into the pathogenesis and management of acute pancreatitis.	Archives of pharmaceutical sciences Ain shams university /2023	Haidy E Michel, Mariane G Tadros	Naglaa Gamal Egyptian Drug Authority (EDA), Giza, Egypt		

20	إجمالي عدد الأبحاث المنشورة دولياً
5	إجمالي عدد الأبحاث المنشورة محلياً
12	إجمالي عدد الأبحاث المنشورة في دوريات Q1
5	إجمالي عدد الأبحاث المنشورة في دوريات Q2
2	إجمالي عدد الأبحاث المنشورة في دوريات Q3
1	إجمالي عدد الأبحاث المنشورة في دوريات Q4
17	إجمالي عدد الأبحاث المشتركة
20	إجمالي عدد الأبحاث التطبيقية
5.223	متوسط معامل التأثير للأبحاث الدولية

اعتماد مجلس القسم رقم (١٣) بتاريخ ١٢ / ٧ / ٢٠٢٣ م

أمضاء رئيس القسم
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٥٤ / إيهال الدمرداش