

Pharmacology & Toxicology	القسم العلمي:
2023-2024	العام الجامعي :

الأبحاث المنشورة لأعضاء هيئة التدريس في الفترة من ٢٠٢٣/٨/١ إلى ٢٠٢٤/٧/٣١

(١) الابحاث المنشورة دوليا

	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journal quartile	Impact factor	Tick V if it is applied research
١.	Nose to brain delivery of naringin-loaded chitosan nanoparticles for potential use in oxaliplatin-induced chemobrain in rats: impact on oxidative stress, cGAS/STING and HMGB1/RAGE/TLR2/MYD88 inflammatory axes	<i>Expert opinion on drug delivery</i> 2023	Diana M.F. Hanna Mina Y. George	John Youshia Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt. Sarah Farid Fahmy Department of Clinical Pharmacy, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt.	Q1	5	v
٢.	Metabolomics-directed nanotechnology in viral diseases management: COVID-19 a case study	<i>Pharmacological reports</i> 2023	Diana M.F. Hanna Samar S. Azab	Marwa O. El-Derany Department of Biochemistry, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt. John Youshia Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt.	Q2	3.6	

اعتماد مجلس القسم رقم () بتاريخ / / ٢٠٢٤م

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	Journal quartile	Impact factor	Tick v if it is applied research
				Enas El Mowafy Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt. Mohamed A. Farag Pharmacognosy Department, College of Pharmacy, Cairo University, Kasr El-Aini St., P.B. 11562, Cairo, Egypt.			
٣.	Clotrimazole ameliorates chronic mild stress-induced depressive-like behavior in rats; crosstalk between the HPA, NLRP3 inflammasome, and Wnt/ β -catenin pathways	<i>International Immunopharmacology</i> 2023	Haidy E. Michel Esther T. Menze Mariane G. Tadros Mina Y. George	Sylvia F. Fawzi Department of Pharmacology and Toxicology, Faculty of Pharmacy, Badr University in Cairo (BUC), Cairo, Egypt	Q1	4.8	v
٤.	Ondansetron attenuates cisplatin-induced behavioral and cognitive impairment through downregulation of NOD-like receptor inflammasome pathway	<i>Toxicology and Applied Pharmacology</i> 2024	Sara A. Wahdan Reem N. El- Naga Ebtehal El- Demerdash	Tamer M. Abdelghany Department of Pharmacology and Toxicology, Faculty of Pharmacy, Heliopolis University, Cairo	Q2	3.3	v
٥.	Neuroprotective effects of saxagliptin against radiation-induced cognitive impairment: Insights on Akt/CREB/SIRT1/BDNF signaling pathway	<i>Toxicology and Applied Pharmacology</i> 2024	Ashrakt H. Abdelhamid Eman M. Mantawy	Riham S. Said Department of Drug Radiation Research, National Center for Radiation Research and Technology, Egyptian	Q2	3.3	v

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	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journal quartile	Impact factor	Tick ✓ if it is applied research
			Ebtehal El-Demerdash	Atomic Energy Authority, Cairo, Egypt			
٦.	Effect of carvedilol on pharmacokinetics of sofosbuvir and its metabolite GS-331007: role of P-glycoprotein	<i>Journal of Pharmacy and Pharmacology</i> 2024	Sara A. Wahdan Esther T. Menze Samar S. Azab Ebtehal El-Demerdash	Salma N. Fahmy Pharmacology & Toxicology Department, Faculty of Pharmacy, Misr International University (MIU), Cairo, Egypt Lobna H. Khedr Pharmacology & Toxicology Department, Faculty of Pharmacy, Misr International University (MIU), Cairo, Egypt	Q2	2.8	✓
٧.	Etanercept ameliorates chronic mild stress-induced depressive-like behavior in rats: Crosstalk between MAPK and STAT3 pathways and norepinephrine and serotonin transporters	<i>European Journal of Pharmacology</i> 2024	Mariane G. Tadros Haidy E. Michel	Mariam A. Fouad Laboratory Evaluation Administration, CA of Biological and Innovative Products and Clinical Studies, Egyptian Drug Authority, Giza, Egypt	Q1	4.2	✓
٨.	Empagliflozin repurposing in Parkinson's disease; modulation of oxidative stress, neuroinflammation, AMPK/SIRT-1/PGC-1α, and wnt/β-catenin pathways	<i>Inflammopharmacology</i> 2023	Mariane G. Tadros Mina Y. George	None	Q2	4.6	✓
٩.	Involvement of Autophagic Machinery in Neuropathogenesis: Targeting and Relevant Methods of Detection	<i>Methods in Molecular Biology</i> 2024	Nourhan Sayed Alaa Emam Ali Doaa Mokhtar Elsherbiny Samar S. Azab	None	Q3	1.13	

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١٠	Insights into the therapeutic outcomes of trimetazidine/doxorubicin combination in Ehrlich solid-phase carcinoma mouse tumor model	<i>Life Sciences</i> 2023	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	5.2	v
١١	Lactoferrin ameliorates carfilzomib-induced renal and pulmonary deficits: Insights to the inflammasome NLRP3/NF-κB and PI3K/Akt/GSK-3β/MAPK axes	<i>Life sciences</i> 2023	Christine N. Habib Alaa E. Ali Mina Y. George	Nahla H. Anber Department of Biochemistry, the Emergency Hospital, Mansoura University, Mansoura, Egypt	Q1	5.2	v
١٢	LC-qTOF-MS/MS phytochemical profiling of <i>Tabebuia impetiginosa</i> (Mart. Ex DC.) Standl. leaf and assessment of its neuroprotective potential in rats	<i>Journal of Ethnopharmacology</i> 2024	Alaa E. Ali	Nesma Khaled, Nehal Ibrahim, Fadia S. Youssef, Sherweit H. El-Ahmady Department of Pharmacognosy, Faculty of Pharmacy, Ain-Shams University, Cairo, 11566, Egypt	Q1	4.8	v
١٣	The role of mitochondrial/metabolic axis in development of tamoxifen resistance in breast cancer	<i>Human Cell</i> 2023	Sara A. Wahdan Ebtehal El-Demerdash	Hany N. Azzam Department of Pharmacology and Toxicology, Faculty of Pharmacy, Heliopolis University, Cairo, Egypt Marwa O. El-Derany Department of Biochemistry, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt Reham M. Faheim	Q3	3.4	

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	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journal quartile	Impact factor	Tick V if it is applied research
				Department of Clinical Oncology and Nuclear Medicine, Faculty of Medicine, Ain Shams University, Cairo, Egypt Gouda K. Hela 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			
١٤	The Cardioprotective and Anticancer Effects of SGLT2 Inhibitors: JACC: CardioOncology State-of-the- Art Review	<i>JACC: CardioOncology 2024</i>	Mina Y. George	Mohamed S. Dabour Department of Experimental and Clinical Pharmacology, College of Pharmacy, University of Minnesota, Minneapolis, Minnesota, USA Department of Clinical Pharmacy, Faculty of Pharmacy, Tanta University, Tanta, Egypt Mary R. Daniel, Beshay N. Zordoky Department of Experimental and Clinical Pharmacology, College of Pharmacy, University of Minnesota, Minneapolis, Minnesota, USA Anne H. Blaes Division of Hematology/Oncology/Tr	Q1	12	

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				ansplantation, Medical School, University of Minnesota, Minneapolis, Minnesota, USA			
١٥	Phytochemical profiling and neuroprotective activity of Callistemon subulatus leaves against cyclophosphamide- induced chemobrain	<i>Biomedicine and Pharmacotherapy</i> 2023	Mina Y. George	Omyma Rabie, Heba A. S. El-Nashar, Nada M. Mostafa Department of Pharmacognosy, Faculty of Pharmacy, Ain Shams University, Abbassia, Cairo 11566, Egypt Taghreed A. Majrashi Department of Pharmacognosy, College of Pharmacy, King Khalid University, Asir 61421, Saudi Arabia Tarfah Al-Warhi Department of Chemistry, College of Science, Princess Nourah Bint Abdulrahman University, P.O. Box 84428, Riyadh 11671, Saudi Arabia Fatma E. Hassan Department of Physiology, General Medicine Practice Program, Batterjee Medical College, Jeddah 21442, Saudi Arabia; Medical Physiology Department, Kasr Alainy, Faculty of Medicine, Cairo University, Giza 11562, Egyp Wagdy M. Eldehna	Q1	6.9	v

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	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journal quartile	Impact factor	Tick ✓ if it is applied research
				Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Kafrelsheikh University, P.O. Box 33516, Kafrelsheikh, Egypt			
١٦	Nose-to-brain delivery of 18β-Glycyrrhetic acid using optimized lipid nanocapsules: A novel alternative treatment for Alzheimer's disease	<i>International Journal of Pharmaceutics</i> 2023	Mina Y. George	Sara R. Gad, Riham I. El-Gogary, Rania M. Hathout Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Ain Shams University, Cairo 11566, Egypt	Q1	5.3	✓
١٧	In vivo hepatoprotective and nephroprotective effects of Stenocarpus sinuatus leaf extract against ifosfamide-induced toxicity in rats	<i>Archiv der Pharmazie (Weinheim)</i> 2023	Mina Y. George	Mai M. Younis, Iriny M. Ayoub, Nada M. Mostafa, Omayma A. Eldahshan Department of Pharmacognosy, Faculty of Pharmacy, Ain Shams University, Abbassia, Cairo, Egypt	Q2	4.3	✓
١٨	Empagliflozin Alleviates Carfilzomib-Induced Cardiotoxicity in Mice by Modulating Oxidative Stress, Inflammatory Response, Endoplasmic Reticulum Stress, and Autophagy	<i>Antioxidants (Basel)</i> 2024	Mina Y. George	Mohamed S. Dabour Department of Experimental and Clinical Pharmacology, College of Pharmacy, University of Minnesota, Minneapolis, Minnesota, USA Department of Clinical Pharmacy, Faculty of Pharmacy, Tanta University, Tanta, Egypt Beshay N Zordoky	Q1	6	✓

اعتماد مجلس القسم رقم () بتاريخ / / ٢٠٢٤ م

أعضاء رئيس القسم
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	Publication title	Journal name/ year	Authors from department	Authors from other departments, faculties, or universities and their affiliation	Journal quartile	Impact factor	Tick V if it is applied research
				Department of Experimental and Clinical Pharmacology, College of Pharmacy, University of Minnesota, Minneapolis, Minnesota, USA Eman Rashad Department of Cytology and Histology, Faculty of Veterinary Medicine, Cairo University, Giza 12211, Egypt			

اعتماد مجلس القسم رقم () بتاريخ / / ٢٠٢٤م

أمضاء رئيس القسم
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(٢) الأبحاث المنشورة محليا

	Publication title	Journal name/year	Authors from the department	Authors from other departments, faculties, or universities and their affiliation	Impact factor	Tick v if it is applied research
١.	A Comprehensive Review of the Pathophysiology of Depression	Archives of pharmaceutical sciences - Ain Shams University 2024	Mariane G. Tadros	None		
٢.	Pathophysiology of depression: inflammation and its relation with oxidative stress and the hypothalamic-pituitary-adrenal axis	Archives of pharmaceutical sciences - Ain Shams University 2024	Engy M. Nady Haidy E. Michel Ebtehal El-Demerdash	Marwa O El-Derany Biochemistry department, Faculty of Pharmacy, Ain Shams University		
	Chemotherapy and cognitive function: comprehensive review on methotrexate-induced chemobrain	Archives of pharmaceutical sciences - Ain Shams University 2023	Nadine Chérif Haidy E. Michel Esther T Menze	None		
	Insights on the role of TLR-4 in neuroinflammation: a hint on COVID-19 relationship	Archives of pharmaceutical sciences - Ain Shams University ٢٠٢٣	Esther T. Menze Mariane G. Tadros	Salma Abdelhady Elshafey Egyptian Drug Authority Dalia Abdulazim El-Khouly Department of Pharmacology and Toxicology, Faculty of Pharmacy, Ahrum Canadian University,		

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				6th of October City, Giza, Egypt		
	Methotrexate induced nephrotoxicity: possible underlying mechanisms and promising natural protective agents in experimental models	Archives of pharmaceutical sciences - Ain Shams University ٢٠٢٣	Eman M. Mantawy Mariane G. Tadros	Asmaa M. Algendy Department of Pharmacology and Toxicology, Faculty of Pharmacy, Faculty of Pharmacy, Heliopolis University, Cairo 11785, Egypt Gouda K. Helal Department of Pharmacology and Toxicology, Faculty of Pharmacy, Al-Azhar University, Cairo 11231, Egypt		
	Radiation-induced premature ovarian failure: focus on the role of ovarian inflammatory signaling pathways	Archives of pharmaceutical sciences - Ain Shams University ٢٠٢٣	Eman M. Mantawy Ebtehal El-Demerdash	Doaa Hesham Mohamed Central Administration of Drug Control, Egyptian Drug Authority (EDA), Formerly NODCAR, Giza 11553, Egypt Riham Soliman Said Department of Drug Radiation Research, National Center for Radiation Research and Technology, Egyptian Atomic Energy Authority, Cairo, Egypt Dina Hamada Kassem Department of Biochemistry, Faculty of Pharmacy, Ain Shams University, Cairo 11566, Egypt		

اعتماد مجلس القسم رقم () بتاريخ / / ٢٠٢٤م

أمضاء رئيس القسم
 أ.د.

				Amany Mohamed Gad Department of Pharmacology & Toxicology Department, Faculty of Pharmacy, Sinai University (Kantara Branch) 41636, Egypt Department of Pharmacology, Egyptian Drug Authority, EDA, Formerly NODCAR, Giza 11553, Egypt		
	Chemobrain: Insight the possible mechanisms of action induced by chemotherapeutic agents	Archives of pharmaceutical sciences - Ain Shams University 2024	Sara A. Wahdan Reem Nabil Elnaga Ebtehal El-Demerdash	MennatAllah Mahmoud Hassan Department of Pharmacology and Toxicology, Faculty of Pharmacy, Heliopolis University, Cairo 11785, Egypt Tamer Mohamed Abdelghany Department of Pharmacology and Toxicology, Faculty of Pharmacy (Boys), Al-Azhar University, Nasr City, Cairo 11884, Egypt		
	Mechanisms and Protective Strategies in Cognitive Impairment Induced by Combination of Doxorubicin and Cyclophosphamide	Archives of pharmaceutical sciences - Ain Shams University 2024	Reem Nabil Elnaga Mina Y. George	None		
	The Protective Properties of Luteolin: A Comprehensive Review	Archives of pharmaceutical sciences - Ain	Reem N. El-Naga	Rasha D. Abdrabou Clinical Pharmacy Department, Faculty		

اعتماد مجلس القسم رقم () بتاريخ / / ٢٠٢٤م

أمضاء رئيس القسم
 أ.د.

		Shams University 2024	Samar S. Azab	of Pharmacy, Misr International University (MIU), Cairo, Egypt Rania M. Salama Pharmacology & Toxicology department, Faculty of Pharmacy, Misr International University (MIU), Cairo, Egypt		
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 أ.د.