

القسم العلمي:	الادويه و السموم
العام الجامعي:	٢٠٢٥/٢٠٢٤

الأبحاث المنشورة لأعضاء هيئة التدريس في الفترة من ٢٠٢٤/٨/١ الى ٢٠٢٥/٧/٣١

(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 ✓ if it is applied research
1.	Hesperidin attenuates radiation-induced ovarian failure in rats: Emphasis on TLR-4/NF-κB signaling pathway	<i>Toxicology and Applied Pharmacology</i> /2024	Ebtehal El-Demerdash, Eman M.Mantawy	Doaa H. Mohamed Central Administration of Drug Control, Egyptian Drug Authority, EDA, Formerly NODCAR, Giza, Egypt Riham S. Said Department of Drug Radiation Research, National Center for Radiation Research and Technology, Egyptian Atomic Energy Authority, Cairo, Egypt Dina H. Kassem Department of Biochemistry, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt Amany M. Gad Department of Pharmacology, Egyptian Drug Authority, EDA, Formerly NODCAR, Giza, Egypt Department of Pharmacology and Toxicology, Faculty of	Q2	3.4	

اعتماد مجلس القسم رقم () بتاريخ / / ٢٠٢٤ م

أمضاء رئيس القسم
 أ.د.

	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
				Pharmacy, Sinai University, Kantara Branch, Ismailia, Egypt			
2.	Coenzyme Q10 ameliorates cyclophosphamide-induced chemobrain by repressing neuronal apoptosis and preserving hippocampal neurogenesis: Mechanistic roles of Wnt/ β - catenin signaling pathway	<i>NeuroToxicology</i> /2024	Zeina ,Hussein Haidy E. Michel Reem N. El- Naga Ebtehal El- Demerdash Eman M. Mantawy	---	Q2	3.9	
3.	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 Ebtehal El- Demerdash	Riham S. Said Department of Drug Radiation Research, National Center for Radiation Research and Technology, Egyptian Atomic Energy Authority, Cairo, Egypt	Q2	3.4	
4.	Prenatal modulation of NADPH- oxidase reverses the deranged GABA switch and rescues behavioral deficits in valproate ASD rat model	<i>Frontiers in Pharmacology</i> /2025	Ebtehal El- Demerdash	Basma A Yasseen, Sameh S Ali, Yasmin Hatem, Hajar El-Sayed, Aya A Elkhodiry, Hadeer Abdelkhalek, Nouran Al-Shehaby , Malak W Elbenhawi , Rehab Hamdy, Christine S Prince, Azza G Kamel, Mohamed A Badawy, Sameh S Ali Tumor Biology Research Program, Research Department, Children's Cancer Hospital Egypt, .Cairo, Egypt	Q1	4.8	

اعتماد مجلس القسم رقم () بتاريخ / / ٢٠٢٤م

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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
				Sara Gohar Tumor Biology Research Program, Research Department, Children's Cancer Hospital Egypt, Cairo, Egypt. Cancer Research UK Scotland Institute, Glasgow, United Kingdom. Aya Galal Preclinical and Translational Research Center, Faculty of Pharmacy, Ain Shams .University, Cairo, Egypt Aya Samir Tumor Biology Research Program, Research Department, Children's Cancer Hospital Egypt, Cairo, Egypt. Department of Biotechnology, Faculty of Science, Cairo University, .Cairo, Egypt Ghada F Soliman, Soha Aly ElMorsy, Department of Medical Pharmacology, Faculty of Medicine, Cairo .University, Cairo, Egypt Tamer M Gamal El-Din Department of Pharmacology, University of Washington, Seattle, .WA, United States Engy A Abdel-Rahman			

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				Tumor Biology Research Program, Research Department, Children's Cancer Hospital Egypt, Cairo, Egypt. Department of Pharmacology, Faculty of Medicine, Assiut .University, Assiut, Egypt			
5.	Captopril attenuates oxidative stress and neuroinflammation implicated in cisplatin-induced cognitive deficits in rats	<i>Psychopharmacology</i> /2025	Fatma Mostafa, Eman M. Mantawy, Samar S. Azab Ebtehal El- Demerdash	Riham S. Said Department of Drug Radiation Research, National Center for Radiation Research and Technology, Egyptian Atomic Energy Authority, Cairo, Egypt	Q2	3.3	
6.	Can vildagliptin protect against radiation-induced premature ovarian failure? Insights into the AMPK and AKT signaling pathways	<i>BMC Pharmacology and Toxicology</i> /2025	Nada A. Mahgoub, Doaa A. El- Sherbiny Ebtehal El- Demerdash	----	Q2	2.7	
7.	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, Lobna H Khedr Pharmacology & Toxicology Department, Faculty of Pharmacy, Misr International University (MIU), Cairo, .Egypt	Q2	3.2	
8.	Mangiferin mitigates methotrexate- induced liver injury and suppresses hepatic stellate cells activation in rats: Imperative role of Nrf2/NF- κB/NLRP3 signaling axis	<i>Journal of Ethnopharmacology</i> /2025	Nada M. El- Sayed Esther T. Menze	----	Q1	5.4	

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			Mariane G. Tadros Diana M.F. Hanna				
9.	Lycopene mitigates paclitaxel-induced cognitive impairment in mice; Insights into Nrf2/HO-1, NF-κB/NLRP3, and GRP-78/ATF-6 axes	<i>Progress in Neuro-Psychopharmacology and Biological Psychiatry/2025</i>	Esther T. Menze Doaa A. Elsherbiny Mariane G. Tadros Mina Y. George	Nora Zakaria Armed Forces Medical Complex- Kobry El-Qobba, Ministry of Defense, Kobry El-Qobba, Cairo 11766, Egypt	Q1	3.9	
١٠	The potential neuroprotective effect of empagliflozin against depressive-like behavior induced by chronic unpredictable mild stress in rats: Involvement of NLRP3 inflammasome	<i>European Journal of Pharmacology /2025</i>	Marwa A. Ali Haidy E. Michel Esther T. Menze Marianne G. Tadros Sara A. Wahdan	----	Q1	4.7	
١١	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 /2024</i>	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	4.7	
١٢	Trimetazidine mitigates methotrexate-induced liver damage: Insights From biochemical, histological, and in silico analyses	<i>Archiv der Pharmazie/2025</i>	Mai F Tolba	Maha R A Abdollah, Mohamed H Aly, Maha E Wally, Department of Pharmacology, Faculty of Pharmacy, The British	Q2	3.6	

اعتماد مجلس القسم رقم () بتاريخ / / ٢٠٢٤ م

أ.د. أمضاء رئيس القسم

	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
				University in Egypt, .Cairo, Egypt Health Research Center of Excellence; Drug Research and Development Group, Faculty of Pharmacy, The British University in Egypt, El-Sherouk City, .Cairo, Egypt Nada K Sedky Biochemistry Department, School of Life and Medical Sciences, University of Hertfordshire Hosted by Global Academic Foundation, Cairo, Egypt Ahmed H Saadawy Biomedical Sciences Program, University of Science and Technology, .Zewail City, Giza, Egypt Eman Badr Biomedical Sciences Program, University of Science and Technology, Zewail City, Giza, Egypt Information Technology Department, Faculty of Computers and Artificial Intelligence, Cairo .University, Giza, Egypt			
١٣	Unveiling the nexus between direct-acting antivirals in hepatitis C virus elimination and immune response	<i>Clinical and Experimental Medicine/2025</i>	Sara A Wahdan Doaa Elsherbiny Samar S Azab	Aya I Abdelaziz Department of Research and Development, Faculty of Pharmacy, Heliopolis .University, Cairo, Egypt Eman Abdelsameea	Q2	3.5	

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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 Hepatology and Gastroenterology, National Liver Institute, Menoufia University, Shebin El-Kom, Egypt Zeinab Zakaria Faculty of Healthcare Technology, Saxony Egypt University for Applied Science and Technology, Cairo, .Egypt			
١٤	Hibiscus schizopetalus boosts wound healing via restoring redox balance and hindering inflammatory responses in rats: Insights on metabolome profiling and molecular docking	Archiv der Pharmazie/2024	Eman M Mantawy	Mariam I Gamal El-Din, Nouran M Fahmy, Shaimaa Fayez, Abdel Nasser B Singab Department of Pharmacognosy, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt Riham S. Said Department of Drug Radiation Research, National Center for Radiation Research and Technology, Egyptian Atomic Energy Authority, Cairo, Egypt Mai I Shahin Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt Maha Nasr Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Ain	Q2	3.6	

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				Shams University, Cairo, .Egypt			
١٥	Hematopoietic stem cells: Understanding the mechanisms to unleash the therapeutic potential of hematopoietic stem cell transplantation	<i>Stem Cell Research & Therapy/2025</i>	Amal Kamal Abdel-Aziz	Amjad Ahmed Aljagthmi Research center, King Faisal Specialist Hospital and Research Centre, Jeddah, 21499, Kingdom of Saudi Arabia	Q1	7.3	
١٦	Structural Optimization and MD Simulation Study of Benzimidazole Derivatives as Potent Mutant FLT3 Kinase Inhibitors Targeting AML	<i>Archiv der Pharmazie/2025</i>	Amal Kamal Abdel-Aziz	Nada Alaa El- Deen,Sandra N. Milik, Omar Khaled, Maiy Y. Gaballah,Khaled A. M. Abouzid, Rabah A. T. Serya, Eman M. E. Dokla Pharmaceutical Chemistry Department, Faculty of Pharmacy, Ain Shams University, Abbassia, Cairo, Egypt Tarek Erfan Ahmed, Ayatullah Gamal Abdelfattah Pharmaceutical Chemistry Department, Faculty of Pharmacy, Ain Shams University, Abbassia, Cairo, Egypt Department of Chemistry, Georgia State University, Atlanta, Georgia, USA RosaAnna DeFilippis, Suhana Patel, Neil P. Shah Division of Hematology/Oncology, University of California,	Q2	3.6	

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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
				San Francisco, California, USA Muhammad I. Ismail Department of Pharmaceutical Chemistry, Faculty of Pharmacy, The British University in Egypt, Al- Sherouk City, Cairo, Egypt Eslam M. H. Ali Drug Discovery Core, Comprehensive Cancer Center, University of Virginia, Charlottesville, Virginia, USA Martin J. McPhillie School of Chemistry, University of Leeds, Leeds, UK Maged Henary Department of Chemistry, and Center of Diagnostics and Therapeutics, Georgia State University, Atlanta, Georgia, USA Saverio Minucci Department of Experimental Oncology, IEO, European Institute of Oncology IRCCS, Milan, Italy Department of Biosciences, University of Milan, Milan, Italy			
١٧	OXPHOS mediators in acute myeloid leukemia patients: Prognostic biomarkers and	<i>World Journal of Surgical Oncology/2024</i>	Amal Kamal Abdel-Aziz	----	Q3	2.5	

اعتماد مجلس القسم رقم () بتاريخ / / ٢٠٢٤ م

أمضاء رئيس القسم
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	therapeutic targets for personalized medicine						
١٨	Molecular Mechanism of Protective Effect of Resveratrol against Radiation-Induced Ovarian Failure in Rats: Emphasis on Disruption of Insulin Growth Factor 1/Adenosine Monophosphate Activated Protein Kinase Signaling	<i>The 16th Arab Conference on the Peaceful Uses of Atomic Energy, Dead Sea - Hashemite Kingdom of Jordan, 15-19 December 2024</i>	Kamal, Mohamed Mostafa Amal Kamal Abdel-Aziz, Ebtehal El- Demerdash	Nada, Ahmed Shafik, Riham S. Said Department of Drug Radiation Research, National Center for Radiation Research and Technology, Egyptian Atomic Energy Authority, Cairo, Egypt	--	--	
١٩	Anticancer activity of EMD37 against human head and neck cancer: Impact on apoptotic and inflammatory machineries	<i>Toxicology in Vitro/2025</i>	Amal Kamal Abdel-Aziz,	Marwa Sharaky Cancer Biology Department, Pharmacology Unit, National Cancer Institute (NCI), Cairo University, Cairo 11796, Egypt Eman M.E. Dokla Pharmaceutical Chemistry Department, Faculty of Pharmacy, Ain Shams University, Abbassia, Cairo 11566, Egypt	Q3	2.7	
٢٠	The Many Functions of Fucose: Uncovering the Sugar's Central Role in Successful Stem Cell Transplantation	<i>Blood/2024</i>	Amal Kamal Abdel-Aziz,	Asma S Al-Amoodi, Arwa Alghuneim, Yossef Lopez de los Santos Jana S Malki, Shuho Nozue Yanyan Li, Satoshi Habuchi Jasmeen S Merzaban King Abdullah University of Science and	Q1	23.1	

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				Technology (KAUST), Thuwal, Saudi Arabia			
٢١	Neuroprotective effect of empagliflozin against doxorubicin- induced chemobrain in rats: Interplay between SIRT-1/MuRF- 1/PARP-1/NLRP3 signaling pathways and enhanced expression of miRNA-34a and LncRNA HOTAIR	<i>NeuroToxicology</i> /2024	Sara A. Wahdan Reem N. El- Naga	Merihane M. Nasr Clinical Pharmacy Department, Faculty of Pharmacy, Misr International University (MIU), Cairo, Egypt Rania M. Salama Pharmacology and Toxicology Department, Faculty of Pharmacy, Misr International University (MIU), Cairo, Egypt	Q2	3.9	
٢٢	Neuromodulatory effect of troxerutin against doxorubicin and cyclophosphamide-induced cognitive impairment in rats: Potential crosstalk between gut- brain and NLRP3 inflammasome axes	<i>International Immunopharmac</i> <i>ology/2025</i>	Nada K. Gamal Reem N. El- Naga Mina Y. George	Iriny M. Ayoub Department of Pharmacognosy, Faculty of Pharmacy, Ain Shams University, Cairo 11566 Egypt	Q2	4.7	
٢٣	Hepatoprotective and neuroprotective effects of quinacrine against bile duct ligation-induced hepatic encephalopathy in rats: Role of bone morphogenetic proteins signaling	<i>Life Sciences/2024</i>	Diana M.F. Hanna Haidy E. Michel Reem N. El- Naga Samar S. Azab	Manar M. Esmail, Noha M. Saeed Department of Pharmacology and Toxicology, Faculty of Pharmacy, Egyptian Russian University, Cairo, Egypt	Q1	5.1	
٢٤	Tocilizumab unfolds colo- protective and immunomodulatory effect in experimentally induced ulcerative colitis via mitigating autophagy and ER stress signaling	<i>Inflammopharma</i> <i>cology/2024</i>	Doaa M. Elsherbiny Diana M. F. Hanna Samar S. Azab	Omnia A. Younes Biologicals Unit at General Administration of Clinical Studies, Egyptian Drug Authority (EDA), Giza, Egypt	Q1	5.3	

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 ✓ if it is applied research
				Amany M. Gad Department of Pharmacology, Egyptian Drug Authority (EDA), Formerly NODCAR, Giza, Egypt Department of Pharmacology and Toxicology, Faculty of Pharmacy, Sinai University Kantara Branch, Ismailia, Egypt			
٢٥	Luteolin mitigates doxorubicin-induced hepatotoxicity and neurotoxicity: modulating the liver–brain axis via IRE1α/GRP78/ATF6 endoplasmic reticulum stress pathways and miRNA-199a-5p expression	<i>Future Journal of Pharmaceutical Sciences/2025</i>	Reem N. El-Naga Samar S. Azab	Rasha D. Abdrabou Clinical Pharmacy Department, Faculty of Pharmacy, Misr International University (MIU), Cairo, Egypt Rania M. Salama Pharmacology and Toxicology Department, Faculty of Pharmacy, Misr International University (MIU), Cairo, Egypt	Q2	3.0	
٢٦	In silico and In vivo protective effect of biochanin-A mitigating doxorubicin- induced cognitive deficits and neuroinflammation: Insights to the role of p-Tau and miR-132	<i>NeuroToxicology /2025</i>	Mai F. Tolba Haidy E. Michel Samar S. Azab	Amgad Albohy Department of Pharmaceutical Chemistry, Faculty of Pharmacy, The British University in Egypt (BUE), El-Sherouk City, Cairo 11837, Egypt Center for Drug Research and Development (CDRD), Faculty of Pharmacy, The British University in Egypt (BUE), El-Sherouk City, Cairo 11837, Egypt	Q2	3.9	

اعتماد مجلس القسم رقم () بتاريخ / / ٢٠٢٤ م

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				Sarah A. Hussein Center for Drug Discovery Research and Development, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt			
٢٧	Intranasal empagliflozin-loaded PLGA nanoparticles demonstrate neuroprotective effects against methotrexate-induced chemobrain in rats	<i>Journal of Drug Delivery Science and Technology/2025</i>	Nadine C. Sabry Haidy E. Michel	Mina Mehanny Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Ain Shams University, 11566, Cairo, Egypt Hala Ihab, Zeina Ashraf Maram Mostafa, Rawan Hamed Nour Wael Farah Abdelkarim Alia Younis Aisha Ismail Lina Allam Yassmen Reda PharmD Clinical Pharmacy Program, Faculty of Pharmacy, Ain Shams University, 11566, Cairo, Egypt	Q1	4.9	
٢٨	Repurposing of erythropoietin as a neuroprotective agent against methotrexate-induced neurotoxicity in rats	<i>Journal of Psychopharmacology/2024</i>	Nadine C. Sabry Haidy E. Michel Esther T Menze	----	Q1	5.5	
٢٩	Recent pharmacological insights on abating toxic protein species burden in neurological disorders:	<i>Life Sciences/2024</i>	Mahmoud A. Desouky	----	Q1	5.1	

اعتماد مجلس القسم رقم () بتاريخ / / ٢٠٢٤ 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	Journal quartile	Impact factor	Tick ✓ if it is applied research
	Emphasis on 26S proteasome activation		Haidy E. Michel Doaa A. Elsherbiny Mina Y. George				
٣٠	Mechanisms of ferroptotic and non-ferroptotic organ toxicity of chemotherapy: protective and therapeutic effects of ginger, 6- gingerol and zingerone in preclinical studies	<i>Naunyn- Schmiedeberg's Archives of Pharmacology /2024</i>	Mina Y. George	Ademola C. Famurewa Department of Medical Biochemistry, Faculty of Basic Medical Sciences, College of Medical Sciences, Alex Ekwueme Federal University Ndufu- Alike, Ikwo, Nigeria Centre for Natural Products Discovery, School of Pharmacy and Biomolecular Sciences, Faculty of Science, Liverpool John Moores University, Byrom Street, Liverpool, L3 3AF, UK Roland E. Akhigbe Department of Physiology, Ladoke Akintola University of Technology, Ogbomosho, Oyo State, Nigeria Reproductive Biology and Toxicology Research Laboratory, Oasis of Grace Hospital, Osogbo, Nigeria Yemi A. Adekunle Department of Pharmaceutical and Medicinal Chemistry, College of Pharmacy, Afe Babalola University, Ado- Ekiti, Nigeria	Q2	3.1	

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				Precious A. Oyedokun Department of Physiology, Ladoke Akintola University of Technology, Ogbomoso, Oyo State, Nigeria Reproductive Biology and Toxicology Research Laboratory, Oasis of Grace Hospital, Osogbo, Nigeria Tunmise M. Akhigbe Reproductive Biology and Toxicology Research Laboratory, Oasis of Grace Hospital, Osogbo, Nigeria Breeding and Genetics Unit, Department of Agronomy, Osun State University, Osogbo, Osun State, Nigeria Amos A. Fatokun Centre for Natural Products Discovery, School of Pharmacy and Biomolecular Sciences, Faculty of Science, Liverpool John Moores University, Byrom Street, Liverpool, L3 3AF, UK			
٣١	Trace elements and metal nanoparticles: mechanistic approaches to mitigating chemotherapy-induced toxicity—a review of literature evidence	<i>BioMetals/2024</i>	Mina Y. George	Ademola C. Famurewa Department of Medical Biochemistry, Faculty of Basic Medical Sciences, College of Medical Sciences, Alex Ekwueme Federal University Ndufu- Alike, Ikwo, Nigeria	Q2	3.6	

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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
				Centre for Natural Products Discovery, School of Pharmacy and Biomolecular Sciences, Faculty of Science, Liverpool John Moores University, Byrom Street, Liverpool, L3 3AF, UK Cletus A. Ukwubile Department of Pharmacognosy, Faculty of Pharmacy, University of Maiduguri, Bama Road, Maiduguri, Borno, Nigeria Sachindra Kumar, Sreedhara Ranganath K. Pai Department of Pharmacology, Manipal College of Pharmaceutical Science, Manipal Academy of Higher Education, Manipal, 576104, Karnataka, India Mehta V. Kamal, Vijetha S. Belle Department of Biochemistry, Kasturba Medical College, Manipal, Manipal Academy of Higher Education, Manipal, 576104, Karnataka, India Eman M. Othman Department of Biochemistry, Faculty of Pharmacy, Minia University, Minia, 61519, Egypt Cancer Therapy Research Center, Department of			

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				Biochemistry-I, Biocenter, University of Würzburg, Am Hubland, 97074, Würzburg, Germany Department of Bioinformatics, University of Würzburg, Am Hubland, 97074, Biocenter Würzburg, Germany			
٣٢	Silymarin nanoparticles counteract cognitive impairment induced by doxorubicin and cyclophosphamide in rats; Insights into mitochondrial dysfunction and Nrf-2/HO-1 axis	<i>European Journal of Pharmacology /2025</i>	Fatma G. Aboelnasr Mina Y. George Esther T. Menze	Maha Nasr Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Ain Shams University, 11566, Cairo, Egypt	Q1	4.7	
٣٣	Intranasal delivery of blackberry- loaded Chitosan nanoparticles for antipsychotic potential in Ketamine-induced schizophrenia in rats	<i>scientific reports /2025</i>	Mina Y. George Esther T. Menze	Iriny M. Ayoub, Nermeen Farag Department of Pharmacognosy, Faculty of Pharmacy, Ain Shams University, Abbassiya, Cairo, 11566, Egypt Reham S. Elezaby Department of Pharmaceutics, Faculty of Pharmacy, Ain Shams University, Abbassiya, Cairo, 11566, Egypt Nayera A. Salem, Shereen K. Elrahmany, Nahed Adel, Rana M. ElKhatib, Menna Galal, Hams Assem, Radwa Elkhouly, Mariam Alkess Wesa, Noha Hesham, Nouran Hossam	Q1	3.9	

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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
				Drug Design Program Graduates, Faculty of Pharmacy, Ain Shams University, Abbasiya, Cairo, 11566, Egypt			
٣٤	Canagliflozin differentially modulates carfilzomib-induced endoplasmic reticulum stress in multiple myeloma and endothelial cells	<i>Archives of Toxicology/2025</i>	Mina Y. George	Mohamed S. Dabour, Marianne K. O. Grant & Beshay N. Zordoky Department of Experimental and Clinical Pharmacology, University of Minnesota College of Pharmacy, Minneapolis, MN, 55455, USA	Q1	6.9	
٣٥	Tectona grandis Metabolites Alleviate Oxaliplatin-induced Chemofog in Rats: Modulation of the NLRP3 Inflammasome Axis	<i>Journal of Ethnopharmacol ogy/2025</i>	Nadine C. Sabry Mina Y. George	Iriny M. Ayoub, Esraa A. Elhawary, Fadia S. Youssef Department of Pharmacognosy, Faculty of Pharmacy, Ain Shams University, Abbasiya, Cairo, 11566, Egypt Maha Nasr Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Ain Shams University, 11566, Cairo, Egypt	Q1	5.4	
٣٦	Verification of the anticholinesterase activity of Tectona grandis and Rosemarinus officinalis in vitro and in silico	<i>Journal of Advanced Research/2025</i>	Mina Y. George	Iriny M. Ayoub Fadia S. Youssef Department of Pharmacognosy, Faculty of Pharmacy, Ain Shams University, Abbasiya, Cairo, 11566, Egypt Maha Nasr	Q1	13.0	

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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 Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Ain Shams University, 11566, Cairo, Egypt			
٣٧	Empagliflozin Alleviates Carfilzomib-Induced Cardiotoxicity in Mice by Modulating Oxidative Stress, Inflammatory Response, Endoplasmic Reticulum Stress, and Autophagy	<i>Antioxidants (Basel)/2024</i>	Mina Y. George	Mohamed S. Dabour & .Beshay N. Zordoky Department of Experimental and Clinical Pharmacology, University of Minnesota College of Pharmacy, Minneapolis, MN, 55455, USA Eman Rashad Department of Cytology and Histology, Faculty of Veterinary Medicine, Cairo University, Giza 12211, Egypt	Q1	6.6	
٣٨	The Role of MiRNAs in Moyamoya Disease: Vascular Remodeling and Stroke Risk	<i>The Journal of Gene Medicine/2025</i>	Mina Y. George	Heba Ibrahim Abd El- Moaty, Rabab S. Hamad Biological Sciences Department, College of Science, King Faisal University, Al Ahsa, Saudi Arabia Ahmed Ismail, Ahmed , S. Doghish, Hesham A. El-Mahdy, Mohamed A. Elkady Biochemistry and Molecular Biology Department, Faculty of Pharmacy (Boys), Al- Azhar University, Nasr City, Cairo, Egypt Reda M. Mansour Molecular Biology and Biotechnology	Q3	2.2	

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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, School of Biotechnology, Badr University in Cairo (BUC), Badr City, Cairo, Egypt Nehal I. Rizk Department of Biochemistry, Faculty of Pharmacy and Drug Technology, Egyptian Chinese University, Cairo, Egypt Sherif S. Abdel Mageed Pharmacology and Toxicology Department, Faculty of Pharmacy, Badr University in Cairo (BUC), Badr City, Cairo, Egypt Osama A. Mohammed Department of Pharmacology, College of Medicine, University of Bisha, Bisha, Saudi Arabia			
٣٩	The antifibrotic effect of Vildagliptin and Diaminodiphenyl Sulfone in murine schistosomiasis mansoni	<i>scientific reports/2025</i>	Mina Y. George Ebtehal El- Demerdash	Amira S. Hendawy, Abdel-Nasser A. Sabra, Sanaa S. Botros Department of Pharmacology, Theodor Bilharz Research Institute, Warrak El- Hadar, P.O. Box 30, Imbaba, Giza, 12411, Egypt Eman Rashad Department of Cytology and Histology, Faculty of Veterinary Medicine,	Q1	3.9	

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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 ✓ if it is applied research
				Cairo University, Giza, ,12211, Egypt			
٤٠	Insights on the crosstalk among different cell death mechanisms	<i>cell death discovery/2025</i>	Sara A. Wahdan	Sherihan G. Abdelhamid, Sara M. Radwan Biochemistry Department, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt Georgette Eskander Postgraduate program, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt	Q1	7.0	
٤١	Roflumilast attenuates doxorubicin and cyclophosphamide combination-induced chemobrain in rats through modulation of NLRP3/ASC/caspase-1/GSDMD axis	<i>Life Sciences/2025</i>	Sara A. Wahdan	Sherihan G. Abdelhamid, Sara M. Radwan Biochemistry Department, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt Georgette Eskander Postgraduate program, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt	Q1	5.1	
٤٢	Effect of immunogenetics polymorphism and expression on direct-acting antiviral drug response in chronic hepatitis C	<i>Clinical and Experimental Medicine/2024</i>	Sara A. Wahdan Doaa A. Elsherbiny Samar S. Azab	Zeinab Zakaria, Aya Ismail Abdelaziz Department of Research and Development, Faculty of Pharmacy, Heliopolis University for Sustainable Development, Cairo, Egypt Eman Abdelsameea, Mohamed Abdel-Samiee	Q2	3.5	

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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 Hepatology and Gastroenterology, National Liver Institute, Menoufia University, Shebin El-Kom, Egypt Samar E. Ghanem Department of Clinical Biochemistry and Molecular Diagnostics, National Liver Institute, Menoufia University, Shebin El-Kom, Egypt			
٤٣	Urolithin A counteracts cyclophosphamide-induced chemobrain in rats through modulation of mitochondrial signaling pathways doi:10.1016/j.jep.2026.121312.	J Ethnopharmacol. /2026	Mantawy EM Tadros MG Michel HE	Labib AY Assal RA	---	---	
٤٤	YAP/TAZ knockdown reduces lipid droplet accumulation in hepatic cells through a putative SBDSP1/miR-29a-5p/LDLR regulatory axis doi:10.1016/j.bbalip.2026.159760.	Biochim Biophys Acta Mol Cell Biol Lipids/2026	Mantawy EM Habib CN	Hamad MH Rose F Ragheb M Fayed IH El Sobky SA et al.	---	---	

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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 √ if it is applied research
1.	Comprehensive review on lithium nephrotoxicity: Unravelling pathophysiological mechanisms	<i>Archives of Pharmaceutical Sciences Ain Shams University/2025</i>	Nesreen O. Shehab El-din Eman M. Mantawy Mariane G. Tadros	----		
٢.	Saxagliptin beyond glycemic control: a comprehensive review	<i>Archives of Pharmaceutical Sciences Ain Shams University/2024</i>	Haidy E. Michel Samar S. Azab	Maha M. Abdrabou Health Affairs Directorate, Cairo, Egypt Enas Elmowafy Department of Pharmaceutics and Pharmaceutical Industry, Faculty of Pharmacy, Ain Shams University, Cairo, 11566, Egypt		
٣.	Potential Therapeutic Effect of Antioxidants on Toluene-induced cardiotoxicity in Rats	<i>Archives of Pharmaceutical Sciences Ain Shams University/2024</i>	Haidy E. Michel Ebtehal El-Demerdash	Mariam Maged Atef National Research Centre Marwa El Said El Shamarka, Shaimaa Ahmed ElShebiny, Omar Mohamed Abdel-Salam		

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				Department of Toxicology and Narcotics, National Research Centre, Cairo, Dokki		
٤.	Non-alcoholic fatty liver disease: Insights into pathogenesis, molecular mechanisms, and therapy	<i>Archives of Pharmaceutical Sciences Ain Shams University/2024</i>	Haidy E. Michel Doaa A. Elsherbiny	Nourhan M. Kamar, Sayed H. Seif el-Din, Naglaa M. Lakkany Department of Pharmacology, Theodor Bilharz Research Institute, 12411, Giza, Egypt		
٥.	A pharmacological overview on the therapeutic Effects of Cilostazol: Mechanistic Insights	Archives of Pharmaceutical Sciences Ain Shams University. 2025	, Mantawy EM, El- Demerdash E			
٦.	a review of tadalafil's off-label applications and pharmacological profile	Archives of Pharmaceutical Sciences Ain Shams University. 2025	, George MY, Mantawy EM			
٧.	Acai-berry ameliorates cisplatin-induced nephrotoxicity in rats: insights on oxidative stress and apoptotic machineries	Archives of Pharmaceutical Sciences Ain Shams University. 2025	, George MY, Mantawy EM			
٨.	Radiation-induced testicular damage in rats: potential mechanisms and	Archives of Pharmaceutical Sciences Ain Shams University. 202	Mantawy EM, Michel HE			

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	current testicular protective strategies					
٩	Harnessing Melatonergic Agonists and Antagonists: A Dual Approach to Alleviating Depression and Depression-associated Insomnia	<i>Archives of Pharmaceutical Sciences Ain Shams University/2024</i>	Nadine C. Sabry Mina Y. George	Ahmed ElSabahy, Ann Osama, Bassant, Ahmed Radwa Ahmed, Rana Yassin, Yehia Ayman PharmD Program, Faculty of Pharmacy, Ain Shams University, Cairo, 11566, Egypt		
١٠	The need for discovering and assessing ACE2 Activators as Potential Targets for Treating Fibrosis: A Review of literature	<i>ARCADEs of MEDICINE /2025</i>	Ebtehal El-Demerdash	Ahmad Galal Department of Biomedical Research, Armed Forces College of Medicine, Cairo, Egypt Wagida Anwar Department of Biomedical Research, AFCM, Cairo, Egypt Rana Abdelnaby Department of pharmaceutical chemistry, Faculty of Pharmacy, Heliopolis University, Cairo, Egypt		
١١	Comprehensive Insights into hepatic encephalopathy pathophysiology, epidemiology, diagnosis, and management (2025)	<i>Archives of Pharmaceutical Sciences Ain Shams University/2025</i> <u>DOI:</u> <u>10.21608/aps.2025.337348.1209</u>				

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	إجمالي عدد الأبحاث المنشورة دولياً
	إجمالي عدد الأبحاث المنشورة محلياً
	إجمالي عدد الأبحاث المنشورة في دوريات Q1
	إجمالي عدد الأبحاث المنشورة في دوريات Q2
	إجمالي عدد الأبحاث المنشورة في دوريات Q3
	إجمالي عدد الأبحاث المنشورة في دوريات Q4
	إجمالي عدد الأبحاث المشتركة
	إجمالي عدد الأبحاث التطبيقية
	متوسط معامل التأثير للأبحاث الدولية

اعتماد مجلس القسم رقم () بتاريخ / / ٢٠٢٤ م

أمضاء رئيس القسم
 أ.د.