



Curriculum Vitae

- Name: Amany Mohammed Ahmed gad
- Title: Associate Professor
- Department: Pharmacology and Toxicology
- E-mail: amany.gad@su.edu.eg

A) Academic Qualifications:

- Bachelor's Degree in Pharmaceutical sciences University: Helwan University Year: 2005
- Masters Degree in Pharmacology & Toxicology University: Cairo University Year: 2011
- Ph.D. in Pharmacology & Toxicology University: Cairo University Year: 2014

• Other Qualifications:

- ✓ **2020- Till Now:** Associate Professor and Head of Pharmacology & Toxicology Department, Pharmacology and Toxicology Department, Sinai University-Kantara Branch
- ✓ **2015-2020:** Researcher and technical manager at Pharmacology Department, Egyptian Drug Authority (EDA), Formerly, National Organization for Drug Control and Research (NODCAR), Giza, Egypt.
- ✓ **2012- 2014:** Associate researcher at Pharmacology Department, Egyptian Drug Authority (EDA), Formerly, National Organization for Drug Control and Research (NODCAR), Giza, Egypt.
- ✓ **2009-2012:** Researcher assistant at Pharmacology Department, Egyptian Drug Authority (EDA), Formerly, National Organization for Drug Control and Research (NODCAR), Giza, Egypt.
- ✓ **2006-2009:** Quality control analyst in Pharmacology Department, Egyptian Drug Authority (EDA), Formerly, National Organization for Drug Control and Research (NODCAR), Giza, Egypt.

B) Academic promotions:

- Associate Professor

Date: 2020

C) Scientific Merit:

- Google Scholar: <https://scholar.google.com/citations?user=FKR-r5sAAAAJ&hl=en>

Scopus ID: 57193831484

Citations: 929

h-index: 19

i10-index: 32

- Orcid –N: <https://orcid.org/0000-0002-6175-184X>View this author's ORCID profile

D) Scientific Activities

1: Membership of Professional Organizations and Scientific Societies

- ✓ Member in Egyptian Society of Pharmacology and Experimental Therapeutics (ESPET) since 2012 Till Now
- ✓ Member in British Pharmacological Society since September 2016 Till Now.
- ✓ Member in NODCAR Research Ethics Committee (NODCAR -REC) since 2016 Till Now
- ✓ Editorial board member of Biomedical Sciences Since 2018 Until Dec. 31, 2020.
- ✓ Editorial board member of Gastrointestinal and Hepatic Pharmacology (specialty section of Frontiers in Pharmacology).

2: Training Courses/workshops:

- ✓ Attending the training course 'Basic Principles in Assessments', held at Sinai University, Kantara campus, under supervision of the Quality Assurance Center, 5 March 2023.
- ✓ Attending the training course 'Written Assessments', held at Sinai University, Kantara campus, under supervision of the Quality Assurance Center, 7 March 2023.
- ✓ Biostatistics: Basics & Applications, NAWAH Scientific; 22-28 August 2020
- ✓ Manuscript preparation & submission (Part 5 of 5, in Arabic language) at Egyptian Knowledge Bank, on Thursday 16 April, 2020.

- ✓ Research Communication: Promoting Research in the Digital Age; Egyptian knowledge Bank (EKB), on the 27th of May 2021
- ✓ Regulation of Health Research in Egypt, National Research Centre 26th July 2021
- ✓ Pain management: Tips and Tricks , EVA Pharmacist Academy; Accredited by : The Egyptian association of continuing medical education development
- ✓ Avoiding Plagiarism & Proper Citations using Mendeley, at Egyptian Knowledge Bank, on Monday 15 February, 2021
- ✓ Clinical Research Methodology , Nature Research Academies Workshop at Egyptian Knowledge Bank, February 2021
- ✓ Effective Academic Writing Workshop at Egyptian Knowledge Bank , Nature Research Academies, 2 December 2021
- ✓ Journal Editor : Nature Research Academies workshop, 21 September 2021

3: Conferences and Seminars:

- ✓ Virtual International symposium of diabetes CMRE 2023. 22nd - 24th September. New Delhi
- ✓ 18th International Conference of Biochemistry and Molecular Biology “Towards a Better Future for Humanity; September 16-17, 2023
- ✓ Enhance Your Research with Elsevier: How to improve R&D Productivity with Reaxys? National Research Centre 18th January 2021
- ✓ 13th Fasting and Diabetes 2021, Cairo Sheraton Hotel , 25th March 2021
- ✓ The road less travelled: a focus on early symptoms, diagnosis and management of neurotransmitter-related disorders on 6 May 2021
- ✓ 5th virtual annual international digestive disease Summit (DDI): 4th virtual annual diabetes and cardiovascular disease summit (DOCS), 16th -18th September 2021
- ✓ Recent Trends in Nanotechnology & Drug Discovery , Theodor Bilharz Research Institute, 12th December 2020
- ✓ Hepatology on The Nile 6, Grand Nile Tower, Cairo, 19-20 December 2018
- ✓ Myth of Autism, National Research Center, 10th October 2018.
- ✓ 14th Annual International AASD Conference Arabic Association for The Study of Diabetes and Metabolism, Grand Nile Tower, Cairo, 23-26 October 2018

- ✓ 10th Annual conference of the National Hepatology & Tropical Medicine Research Institute (NHTMRI), Grand Nile Tower, Cairo, 24-27 September 2018
- ✓ 57th Annual conference of the Egyptian Society of pharmacology & Experimental Therapeutics, British university in Egypt, 28th April 2018.
- ✓ International conference of Biochemistry & Molecular Biology in the 21 st Century Bridges to Translational Medicine & Pharmaceutical Technology, German University in Cairo, 24th-25th of March 2018
- ✓ The International Nanotechnology Summit, British university in Egypt, 14 March 2018
- ✓ Viral Hemorrhagic Fever, National Research Center, 13 December 2017
- ✓ Symposium on Apitherapy; Medical Research and Advances in Alternative Medicine, National Research Center, 7 December 2017.
- ✓ Hepatology on the Nile 5 , Advances in Liver Disease 2017 "World Expert" Review, Cairo Marriott Hotel, 15-16 November 2017
- ✓ 14th Annual International AASD Conference Arabic Association for The Study of Diabetes and Metabolism, Grand Nile Tower, 10-12 October 2017
- ✓ Al-Azhar 5th International Conference of Pharmaceutical Sciences and Drug Industries, Tia Heights Hotel, Hurghada, Egypt, 13th – 15th September 2017
- ✓ The 14th National Conference on Biochemistry and Molecular Biology, MSA University, 29-30th March 2017
- ✓ Introduction to stem cells and regenerative medicine conference. Egyptian Society for Progenitor Research (ESPCR), Learning Resources Centre at Kasr Al Ainy, 18th March 2017.
- ✓ New Frontiers in Cancer Care: Evolving Therapies, Optimizing Therapies During Care, and Survivorship Measures, St. John's University College of Pharmacy And Health Sciences, Misr international university, Faculty of pharmacy, 1st March 2017
- ✓ Biofans Conference, Learning Resources Centre at Kasr Al Ainy, 1-2 February 2017
- ✓ Alzheimer Association international Conference (AAIC), ExCel, London United Kingdom, 16-20 July 2017
- ✓ 8th International Scientific Conference of Faculty of Pharmacy, Cairo University, under the title: "Pharmacy in Egypt: Ensuring Access to Health". Cairo University, 22nd April, 2017

- ✓ 56th Annual conference of the Egyptian Society of pharmacology & Experimental Therapeutics , British university in Egypt, 28th January 2017
- ✓ 19th International Conference on Environmental Pollution and Pollution Control Conference (ICEPPC). London United Kingdom, 19-20 January 2017
- ✓ Hepatology on the Nile 4 , Advances in Liver Disease 2016 "World Expert" Review, Cairo Marriott Hotel, 5-6 October 2016
- ✓ 7th International Scientific Conference of Faculty of Pharmacy, Cairo University, under the title: "Pharmacy in Egypt: Ensuring Access to Health". Cairo University, 16th-17th April 2016.
- ✓ 55th Annual conference of the Egyptian Society of pharmacology & Experimental Therapeutics, The British University In Egypt, 5th March 2016
- ✓ Hands on Experimental Pharmacology, National Research Center, 13 January 2015

4: Teaching Scopes:

My major goal in teaching is to create an atmosphere where every student engages in long-term learning with interest and curiosity.

5: Scientific supervision number:

- ✓ Effect of Curcumin and Garlic on adverse effects of Gentamicin, Cefotaxime and Metronidazole in male rats.
- ✓ Study on the possible hepatoprotective effect of some phytochemical agents against valproic acid-induced liver toxicity in rats.
- ✓ Evaluation of the possible Nephroprotective Effect of some Agents in doxorubicin-induced Kidney Injury in Rats.
- ✓ Potential antifibrotic effect of Honokiol in an experimental model of liver fibrosis.
- ✓ A study on the potential protective effect of dibenzazepine against cisplatin-induced nephrotoxicity in rats.
- ✓ A Study on the possible hepatoprotective effect of some phytochemical agents against thioacetamide-induced liver toxicity in rats.
- ✓ Study of the possible role of CAMP and KATP Channels in Atrovastatin- Induced Hepatotoxicity.
- ✓ Study of the Potential Modulatory Effects of Polydatin and Venlafaxine on Experimentally-Induced Arthritis in Rats.

- ✓ Evaluation of the possible nephroprotective effect of some agents in amikacin induced renal damage in rats.
- ✓ The possible hepatoprotective effects of Pranlukast and Hamamelis against Acetaminophen induced liver injury.
- ✓ A study on the potential protective effect of wogonin against cisplatin-induced nephrotoxicity in rats".
- ✓ Mechanistic Study of Potential hepatoprotective effect of Liraglutide in an experimental model of liver toxicity.
- ✓ Mechanistic Study on the Effect of Peroxisome Proliferator Activated Receptor Agonist Drugs against Doxorubicin Induced Nephrotoxicity in Rats
- ✓ Caffeic acid and Bone Marrow Mesenchymal Stem cells ability to repair liver fibrosis induced by Carbon tetrachloride (CCL4) in rats.
- ✓ Mechanistic study for the effect of nicorandil and sodium thiosulphate against Doxorubicin-induced renal damage in rats"
- ✓ A Study on the possible modulation of Notch signaling by dibenzazepine in a model of hepatotoxicity in rats.
- ✓ Pharmacological Study on the Possible Protective Effect of sildenafil against Hepatic Sinusoidal Obstruction Syndrome in Rats.
- ✓ Neuroprotective effects of Atorvastatin on Doxorubicin-induced cognitive impairment in rats.
- ✓ Modulatory effect of TNF- α inhibitor on cadmium induced testicular toxicity.
- ✓ Study of the Possible Antidepressant Effect of Metformin Against Depression Induced by Chronic Stress in Rats.
- ✓ Antidepressant effect of saxagliptin in experimental model of depression in rats: Role of incretin.
- ✓ The Possible Protective Effect of Certain Natural Products In Experimentally Induced Liver Injury In Rats.
- ✓ Pharmacological study of the effect of some hepatoprotective substances on certain drug-induced hepatotoxic aspects.
- ✓ The antidepressant effect of Morin in an experimental model of depression in rats: Impact on neurodegeneration, inflammation and apoptosis.
- ✓ Study on the potential remyelination effect of naringin in a cuprizone model of multiple sclerosis in mice

- ✓ Mechanistic study of the potential effect of hesperidin in an experimental model of premature ovarian failure in rats
- ✓ Study of the neuroprotective effect of angiotensin converting enzyme inhibitor in an experimental model of depression in rats
- ✓ Investigation of The Protective Effect of Rebamipide on Cadmium Induced Renal Toxicity in Rats
- ✓ Possible Therapeutic Effect of Dimethyl Fumarate in D-Galactose-Induced Osteoporosis in Rats

6: Peer reviewing of scientific research/ Projects:

Journal Ad hoc Referee

- ✓ Scientific Reports Journal.
- ✓ International journal of biochemical and molecular toxicology.
- ✓ Bulletin of Faculty of Pharmacy, Cairo University.
- ✓ International Journal of Hepatology.
- ✓ Cellular Physiology and Biochemistry.
- ✓ Evidence-Based Complementary and Alternative Medicine
- ✓ Phytotherapy Research journal
- ✓ Andrologia
- ✓ Human and Experimental Toxicology
- ✓ Journal of Food Biochemistry
- ✓ Saudi Pharmaceutical Journal
- ✓ Frontiers in Pharmacology

7: Scientific Mission:

- ✓ Pharmacology and Toxicology
- ✓ Drug quality control by analytical methods.
- ✓ Bioassay
- ✓ Immunopharmacology
- ✓ Teratogenicity

8: Consultancy Experience:

- Technical manager at Egyptian Drug authority (EDA).

9: Other Activities:

F) Scientific Publications:

Last 10 year of published Scientific Papers

-International journals:

I: published Scientific Papers Extracted From the Masters and Ph.D Theses:

- 1- Ellagic Acid Antiinflammatory and Antiapoptotic Potential Mediate Renoprotection in Cisplatin Nephrotoxic Rats .El-Garhy, A. M., Abd El-Raouf, O. M., El-Sayeh, B. M., Fawzy, H. M., & Abdallah, D. M. (2014). Journal of biochemical and molecular toxicology, 28(10), 472-479.
- 2- Antiapoptotic Effect of Captopril in Cisplatin-Induced Kidney Injury in Rat. Gad, A. M., El-Raouf, A., Ola, M., El-Sayeh, B. M., Fawzy, H. M., & Abdallah, D. M. (2016). Egyptian Journal of Hospital Medicine, 65. Page 573- 582.
- 3- Renoprotective effects of montelukast in an experimental model of cisplatin nephrotoxicity in rats .Gad, A. M., El-Raouf, O. M. A., El-Sayeh, B. M., Fawzy, H. M., & Abdallah, D. M. (2017). Journal of biochemical and molecular toxicology, 31(12), e21979.

II: Post-Doctoral Published Scientific Papers:

1. Fadil, H. A. E., Alim, F. A. A., Raslan, Y. A., El-Garhy, A. M., & Kamare, A. Y. (2016). Histopathological and Histochemical effects of Fresh Garlic Homogenate on reno-hepatic alterations in rats treated with Gentamicin, Cefotaxime and Metronidazole. International Journal of Scientific and Research Publications, 6(5), 13-19.
2. Khames, A., Khalaf, M. M., Gad, A. M., & El-Raouf, O. M. A. (2017). Ameliorative effects of sildenafil and/or febuxostat on doxorubicin-induced nephrotoxicity in rats. European journal of pharmacology, 805, 118-124.
3. Gad, A. M., Hassan, W. A., & Fikry, E. M. (2017). Significant curative functions of the mesenchymal stem cells on methotrexate-induced kidney and liver injuries in rats. Journal of Biochemical and Molecular Toxicology, 31(8).

4. Selim, A., Khalaf, M. M., Gad, A. M., & Abd El-Raouf, O. M. (2017). Evaluation of the possible nephroprotective effects of vitamin E and rosuvastatin in amikacin-induced renal injury in rats. *Journal of biochemical and molecular toxicology*, 31(11), e21957.
5. Ahmed, A. Y., Gad, A. M., & El-Raouf, O. M. A. (2017). Curcumin ameliorates diclofenac sodium-induced nephrotoxicity in male albino rats. *Journal of Biochemical and Molecular Toxicology*, 31(10).
6. Fikry, E. M., Hassan, W. A., & Gad, A. M. (2017). Bone marrow and adipose mesenchymal stem cells attenuate cardiac fibrosis induced by methotrexate in rats. *Journal of Biochemical and Molecular Toxicology*, 31(11).
7. Abdel-Maged, A. E. S., Gad, A. M., Abdel-Aziz, A. K., Aboulwafa, M. M., & Azab, S. S. (2018). Comparative study of anti-VEGF Ranibizumab and Interleukin-6 receptor antagonist Tocilizumab in Adjuvant-induced Arthritis. *Toxicology and applied pharmacology*, 356, 65-75.
8. Kamel, K. M., Gad, A. M., Mansour, S. M., Safar, M. M., & Fawzy, H. M. (2018). Novel Anti-arthritic Mechanisms of Polydatin in Complete Freund's Adjuvant-Induced Arthritis in Rats: Involvement of IL-6, STAT-3, IL-17, and NF-κB. *Inflammation*, 41(5), 1974-1986.
9. Zaky, H. S., Gad, A. M., Nemr, E., Hassan, W., Abd El-Raouf, O. M., & Ali, A. A. (2018). Modulatory effects of some natural products on hepatotoxicity induced by combination of sodium valproate and paracetamol in rats. *Journal of Biochemical and Molecular Toxicology*, e22162.
10. Azza A. Ali , Doaa M. Abd El-Latif, Amany M. Gad, Yasser M. A. Elnahas, Karema Abu-Elfotuh Arab. Nephrotoxicity and Hepatotoxicity Induced by Chronic Aluminium Exposure In Rats: Impact of Nutrients Combination Versus Social Isolation And Protein Malnutrition . *J. Lab. Med.* (2018) Vol. 43, No. 2 : 195 – 213.

11. Gad, A. M. (2018). Study on the influence of caffeic acid against sodium valproate–induced nephrotoxicity in rats. *Journal of biochemical and molecular toxicology*, 32(8), e22175.
12. Ali, A. A., El-Latif, D. M. A., Gad, A. M., Elnahas, Y. M., & Abu-Elfotuh, K (2018). A. Nephrotoxicity and hepatotoxicity induced by chronic aluminum exposure in rats: impact of nutrients combination versus social isolation and protein malnutrition *Arab. J. Lab. Med.* Vol. 43, No. 2 : 195 - 213.
13. Gad, A. M. (2018). A Study of the Anti-Inflammatory and Antioxidant Potential of Honokiol on an Experimentally Induced Model of Kidney Injury in Rats. *J. Drug. Res. Egypt*, Vol. 39, No.1; 105-116.
14. El Fadil, H. A., Abdel Alim FA., Raslan, Y. A., Gad, A. M., & Ahmady, Y. A (2018). Ameliorative Role of Curcumin on Liver of Rats Treated with Gentamicin, Cefotaxime and Metronidazole. *The Pharmaceutical and Chemical Journal*, 5(5):65-72.
15. Eid, A. H., Gad, A. M., Fikry, E. M., & Arab, H. H. (2018). Venlafaxine and carvedilol ameliorate testicular impairment and disrupted spermatogenesis in rheumatoid arthritis by targeting AMPK/ERK and PI3K/AKT/mTOR pathways. *Toxicology and Applied Pharmacology*.
16. Fikry, E. M., Gad, A. M., Eid, A. H., & Arab, H. H. (2019). Caffeic acid and ellagic acid ameliorate adjuvant-induced arthritis in rats via targeting inflammatory signals, chitinase-3-like protein-1 and angiogenesis. *Biomedicine & Pharmacotherapy*, 110, 878-886.
17. Kamel, K. M., Gad, A. M., Mansour, S. M., Safar, M. M., & Fawzy, H. M. (2019). Venlafaxine alleviates complete Freund's adjuvant-induced arthritis in rats: Modulation of STAT-3/IL-17/RANKL axis. *Life sciences*, 226, 68-76.
18. Ahmed, A. Y., Gad, A. M., & El-Raouf, O. M. A. (2017). Investigations of the Possible Utility of Wheat Germ Oil versus Diclofenac Sodium Induced Liver Toxicity in Rats . *The Pharmaceutical and Chemical Journal*, 2019, 6(1):37-45.

19. Badawy, A. M., El-Naga, R. N., Gad, A. M., Tadros, M. G., & Fawzy, H. M. (2019). Wogonin pre-treatment attenuates cisplatin-induced nephrotoxicity in rats: Impact on PPAR- γ , inflammation, apoptosis and Wnt/ β -catenin pathway. *Chemico-biological interactions*, 308, 137-146.
20. Habib, R., Wahdan, S. A., Gad, A. M., & Azab, S. S. (2019). Infliximab abrogates cadmium-induced testicular damage and spermiotoxicity via enhancement of steroidogenesis and suppression of inflammation and apoptosis mediators. *Ecotoxicology and Environmental Safety*, 182, 109398.
21. Activation of pCREB/Nrf-2 signaling mediates re-positioning of liraglutide as hepato-protective for methotrexate -induced liver injury (MILI). Aya I. Abdelaziz, Eman M. Mantawy, Amany M. Gad, Hala M. Fawzy, Samar S. Azab (2019) *Food and Chemical Toxicology* 2019, 110719.
22. Nicorandil combats doxorubicin-induced nephrotoxicity via amendment of TLR4/P38 MAPK/NF κ -B signaling pathway. Ali Khames Abd El-twab, Marwa M. Khalaf, Amany M. Gad, Ola M. Abd El-raouf, Mohamed Ahmed Kandeil, *Chemico-Biological Interactions*. 2019, 108777.
23. Efficacy and safety of Ramucirumab and methotrexate co-therapy in rheumatoid arthritis experimental model: Involvement of angiogenic and immunomodulatory signaling. Abdel-Maged, A. E., Gad, A. M., Wahdan, S. A., & Azab, S. S. (2019). *Toxicology and applied pharmacology*, 114702.
24. Ellagic acid attenuates testicular disruption in rheumatoid arthritis via targeting inflammatory signals, oxidative perturbations and apoptosis. Arab, H. H., Gad, A. M., Fikry, E. M., & Eid, A. H. (2019). *Life sciences*, 117012.
25. Mechanistic aspects of antifibrotic effects of honokiol in Con A-induced liver fibrosis in rats: emphasis on TGF- β /SMAD/MAPK signaling pathways. Maha G. Elfeky, Eman M. Mantawy, Amany M. Gad, Hala M. Fawzy, Ebtehal El-Demerdash (2019) *Life sciences*, 117096.

26. Nanocrystals of Fusidic Acid for Dual Enhancement of Dermal Delivery and Antibacterial Activity: In Vitro, Ex Vivo and In Vivo Evaluation. Ahmed, I. S., Elnahas, O. S., Assar, N. H., Gad, A. M., & El Hosary, R. (2020). *Pharmaceutics*, 12(3), 199.
27. Ellagic acid attenuates liver toxicity induced by valproic acid in rats. Abdelkader, N. F., Elyamany, M., Gad, A. M., Assaf, N., Fawzy, H. M., & Elesawy, W. H. (2020). *Journal of Pharmacological Sciences*, 143(1), 23-29.
28. Repurposing of Secukinumab as Neuroprotective in Cuprizone-Induced Multiple Sclerosis Experimental Model via Inhibition of Oxidative, Inflammatory, and Neurodegenerative Signaling. Abdel-Maged, A. E., Gad, A. M., Rashed, L. A., Azab, S. S., Mohamed, E. A., & Awad, A. S. (2020). *Molecular Neurobiology*.
29. Protective Effects of morin against depressive-like behavior prompted by chronic unpredictable mild stress in rats: Possible role of inflammasome-related pathways. Hassan, M. A. M., Gad, A. M., Menze, E. T., Badary, O. A., & El-Naga, R. N. (2020). *Biochemical Pharmacology*, 114140.
30. Chemotherapy-induced cognitive impairment (CICI): An overview of etiology and pathogenesis. Mounier, N. M., Abdel-Maged, A. E. S., Wahdan, S. A., Gad, A. M., & Azab, S. S. (2020). *Life Sciences*, 118071. (Review).
31. Dibenzazepine attenuates against cisplatin-induced nephrotoxicity in rats: involvement of NOTCH pathway: Abd El-Rhman, H Rana, Reem N. El-Naga, Amany M. Gad, Mariane G Tadros, Sherifa K Hassaneen (2020). *Frontiers in Pharmacology*, 11; 2023.
32. Comprehensive integrated overview of the experimental and clinical neuroprotective effect of astaxanthin; Abdelaziz, A. I., Gad, A. M., & Azab, S. S. (2021). *Global Perspectives on Astaxanthin*, 469-494.
33. Aliskiren and Fenofibrate Constrict Liver Fibrosis by means of Focusing on TGF- β 1/Smad Signaling Pathway and Actuating HGF Expression: Hashim, Y., Abdel Baky, N. A., Kamal, M. M., & Gad, A. (2021). *Azhar International Journal of Pharmaceutical and Medical Sciences*, 1(1), 73-86.

34. Dibenzazepine combats acute liver injury in rats via amendments of Notch signaling and activation of autophagy: Ahmed, L. A., El-Rhman, A., Rana, H., Gad, A. M., Hassaneen, S. K., & El-Yamany, M. F. (2021).. *Naunyn-Schmiedeberg's Archives of Pharmacology*, 394(2), 337-348
35. Activation of autophagy by sitagliptin attenuates cadmium-induced testicular impairment in rats: Targeting AMPK/mTOR and Nrf2/HO-1 pathways: Arab, H. H., Gad, A. M., Reda, E., Yahia, R., & Eid, A. H. (2021).. *Life Sciences*, 269, 119031.
36. Chloroquine ameliorates hind-limb ischemia/reperfusion-induced remote hepatic injury via attenuating p38-Mapk/NF- κ B p65 cue. Sherif, M., Gad, A., Fawzy, H., El-Abhar, H., & Abdallah, D. (2021). *The FASEB Journal*, 35.
37. Inhibition of oxidative stress and apoptosis by camel milk mitigates cyclosporine-induced nephrotoxicity: Targeting Nrf2/HO-1 and AKT/eNOS/NO pathways. Arab, H. H., Eid, A. H., Gad, A. M., Yahia, R., Mahmoud, A. M., & Kabel, A. M. (2021). *Food Science & Nutrition*, 9(6), 3177-3190.
38. Role of inflammatory, oxidative, and ER stress signaling in the neuroprotective effect of atorvastatin against doxorubicin-induced cognitive impairment in rats. Mounier, N. M., Wahdan, S. A., Gad, A. M., & Azab, S. S. (2021). *Naunyn-Schmiedeberg's Archives of Pharmacology*, 394(7), 1537-1551.
39. Activation of AMPK/mTOR-driven autophagy and inhibition of NLRP3 inflammasome by saxagliptin ameliorate ethanol-induced gastric mucosal damage. Arab, H. H., Ashour, A. M., Gad, A. M., Mahmoud, A. M., & Kabel, A. M. (2021). *Life Sciences*, 280, 119743.
40. Repurposing of Sildenafil as Hepatoprotective in Sinusoidal Obstruction Syndrome: Amendment of Endothelial Cell Damage and Inhibition of Platelet Aggregation. Mansour, M., Gad, A., Zaky, H., & Abdel Baky, N. (2021). *Azhar International Journal of Pharmaceutical and Medical Sciences*, 1(3), 21-31.
41. Saxagliptin ameliorated the depressive-like behavior induced by chronic unpredictable mild stress in rats: Impact on incretins and AKT/PI3K pathway. Nazeem, M., Wahdan, S. A., El-Naga, R. N., & Gad, A. M. (2021). *European journal of pharmacology*, 912, 174602.
42. Polydatin combats methotrexate-induced pulmonary fibrosis in rats: Involvement of biochemical and histopathological assessment Ali, Y. A., Ahmed, A. A., Abd El-Raouf, O. M., Elkhoely, A., & Gad, A. M. (2022). *Journal of Biochemical and Molecular Toxicology*, e23019.

43. Canagliflozin alleviates experimentally induced benign prostate hyperplasia in a rat model: exploring potential mechanisms involving mir-128b/EGFR/EGF and JAK2/STAT3 signaling pathways through in silico and in vivo investigations Elbaz, E. M., Darwish, A., Gad, A. M., Rahman, A. A. A., & Safwat, M. H. (2023).. *European Journal of Pharmacology*, 957, 175993.
44. Meloxicam Targets COX-2/NOX1/NOX4/Nrf2 Axis to Ameliorate the Depression-like Neuropathology Induced by Chronic Restraint Stress in Rats Arab HH, Khames A, Mohammad MK, Alsufyani SE, Ashour AM, El-Sheikh AAK, Darwish HW, Gad AM. *Pharmaceuticals*. 2023; 16(6):848. <https://doi.org/10.3390/ph16060848>
45. Chitosan and Aloe Vera decorated nanoparticulate system loaded with Minoxidil as a suggested topical formulation for alopecia therapy. Mohamad, E. A., Gad, A. M., Abd El-Rhman, R. H., & Darwish, M. M. (2023). *Advances in Natural Sciences: Nanoscience and Nanotechnology*, 14(2), 025002.
46. Impact of peroxisome proliferator activated receptor agonist drugs in a model of nephrotoxicity in rats. Ali, A. A., Saad, E. B., El-Rhman, R. H. A., El-Raouf, O. M. A., & Gad, A. M. (2023). *Journal of Biochemical and Molecular Toxicology*, e23350.
47. Targeting the Endoplasmic Reticulum Stress-Linked PERK/GRP78/CHOP Pathway with Magnesium Sulfate Attenuates Chronic-Restraint-Stress-Induced Depression-like Neuropathology in Rats. Arab, H. H., Khames, A., Alsufyani, S. E., El-Sheikh, A. A., & Gad, A. M. (2023). *Pharmaceuticals*, 16(2), 300.

G) Quality Assurance in Higher Education:

- Quality Auditor and quality manager in Egyptian drug authority (EDA).

Skills

- **Language Skills:** Excellent command of spoken & written English.
- **Computer Skills:** Good knowledge of Microsoft Office Applications
- **Presentation skills:** Excellent communication skills
- **Other skills:** Self-motivated and energetic, Flexible and dynamic

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- https://docs.google.com/document/d/1MF23XYOXIwqRnI9EC_Wvd2NM_uwtgSgG/edit