

CURRICULUM VITAE

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Education

- 1- **B.Sc. In Zoology.** Department of Zoology, Faculty of Science, Ain Shams University. 1996.
- 2- **M.Sc. In Zoology,** Department of Zoology, Faculty of Science, Helwan University. 1999. Title "Changes in some biochemical parameters in whole body gammairradiated albino rats treated with a pharmacological agent".
- 3- **Diploma in Molecular Biology.** Córdoba University, Spain 2000. Title "Defenses against oxidative stress in *Escherichia coli*"
- 4- **Ph.D.** Physiology from Department of Biochemistry and Molecular Biology (Spain 17/1/2003, Egypt 5/7/2003). Córdoba University, Spain. Title "Role of Transcription Factor (NF- κ B) Activation in the Protection by Prostaglandin E₁ from Apoptosis and Necrosis Induced by D-Galactosamine in Primary Culture of Rat Hepatocytes".

List of publications:

1. **Fouad D,** Elnagar DM, Eid G, Shuker E. Hepatoprotective activity of raspberry ketone against streptozotocin-induced type 2 diabetes in male rats. PLoS One. Q2, IF2.6 2025 Jun 9;20(6):e0324940. Q1 <https://doi.org/10.1371/journal.pone.0324940>
2. Bhat AH, Yadav K, Abolafia J, Chaubey AK, **Fouad D,** Machado RA. Redescription of *Neocephalobus aberrans* Steiner, 1929 (Rhabditida, Panagrolaimidae) with restoration of

- the genus and its taxonomic implications. *Nematology*, 2025 Jun 12;27(5):561-81 DOI: <https://doi.org/10.1163/15685411-bja10407>
3. Bhat ZA, Jamwal M, Sharma N, Sheikh ZN, Sharma N, **Fouad D**, Ataya FS, Shabir H. Synergistic Effect of Calcium and Boron on Apple cv. 'Oregon Spur': Enhancing Quality and Extending Shelf Life. *Applied Fruit Science* **67**, 165 (2025). <https://doi.org/10.1007/s10341-025-01383-x>
 4. Rahman A, Bhat AH, Imran Z, Chaubey C, **Fouad D**, Pundir G. (2025). Redescription of *Laimydrus siddiqii* Baqri & Jana, 1982 (Dorylaimida: Dorylaimidae) with its first molecular study. *Helminthologia*. <https://doi.org/10.2478/helm-2025-0006>,
 5. Yousuf M, Chand G, Sharma N, Bhat ZA, Sheikh ZN, **Fouad D**, Ataya FS. Assessing the impact of various nanoparticles on physiological parameters of in vitro generated broccoli (Brassica oleracea var. italica) plants. *Plant Cell, Tissue and Organ Culture* (PCTOC). **161**, 76 (2025). <https://doi.org/10.1007/s11240-025-03100-8>
 6. Kumar S, Sharma R, Jaryal VB, Awasthi A, Singh K, **Fouad D**, Gupta N, Singh D. Hydrothermal engineering of WS₂/N-rGO heterostructure as an efficient electrochemical sensor for the detection of dopamine. *Microchemical Journal*. 2025 Apr 23:113733. <https://doi.org/10.1016/j.microc.2025.113733>
 7. Yousaf H, Qadeer A, Sohail M, Farooq M, Khan Z, **Fouad D**, Liu YC, Chen CC. Knowledge, Attitude, and Perception of Pakistani Populations Toward Monkeypox: A Cross-Section Study. *Frontiers in Cellular and Infection Microbiology*.;14:1449096. doi: <https://doi.org/10.3389/fcimb.2024.1449096>
 8. Lashari MH, Abdullah A, Nazir F, Iqbal A, Afzal MA, Farooq U, Idris M, Khan MA, Shahzad F, Azam M, Shahzad KA, **Fouad D**, Ataya FS, Nasreen S. A preliminary study on digital quantification of ocular attributes in cattle as potential non-invasive indicators of anemia. *BMC Veterinary Research* (2025) 21:175 <https://doi.org/10.1186/s12917-025-04618-x>
 9. Zia T, Liaqat I, Shahzad KA, Lashari MH, **Fouad D**, Ataya FS, Alam S, Saeed A. Ameliorative effect of Fagonia indica-coated chitosan nanoparticles on the ovulatory pattern in PCOS rat model. *Journal of Ovarian Research*. 18: 44
 10. Saeed S, Afzal G, Ali HM, Hussain R, Jabeen R, Kiran S, Iqbal R, Alam S, Jalal A, Nisa ZU, **Fouad D**, Ataya FS, Li K. Patho-physiological effects of environmental relevant concentrations of lufenuron in male Japanese quails. *Environmental Research*. 2025 Feb 21:121203.
 11. Shah AU, Ali Khan J, Avais M, Zaman SH, Munir Z, Abbas S, Tariq M, Rahman MU, Tariq F, Nawaz S, **Fouad D**, Anjum AA, Ahmed QI. Prevalence and Chemotherapy of Staphylococcus aureus Mastitis in Dairy Cattle" *PLoS One*. 2025 Feb 13;20(2):e0315480.
 12. Naz S, Ullah Q, **Fouad D**, Qadeer A, Lateef M, Hassan MW, Chatha AMM (2025)/ Trace elements in fish species from the Punjnad headworks: Bioaccumulation and human health risk assessment. *Plos One* 20(1): e0310744.
 13. Qiu R, Pan C, Qin Y, Wei Q, Yu Y, Zhang Y, Xie X, Li J, Chen S, Li K, **Fouad D**, Wu Y and Zhong Q. Polygonatum kingianum polysaccharide alleviated intestinal injuries by mediating antioxidant ability and microbiota. *Frontiers in Microbiology*.;16:1492710.

14. Yousaf H, Qadeer A, Sohail M, Farooq M, Khan Z, **Fouad D**, Liu YC, Chen CC. Knowledge, Attitude, and Perception of Pakistani Populations Toward Monkeypox: A Cross-Section Study. *Frontiers in Cellular and Infection Microbiology*.;14:1449096.
15. Jindal A, Bhat AH, Raja V, Ahmad SS, Hussain MA, Ataya FS, **Fouad D**. Eco-friendly synthesis of zinc oxide nanoparticles from *Achillea millefolium*: Multifunctional applications in plant growth and nematode control. *Physiological and Molecular Plant Pathology*. 2025, 136: 102590
16. Gul ST, Tahir MZ, Ahmad L, Khatoon A, Saleemi MK, Ataya FS, Hussain R, Maqbool B, Khan A. Fipronil in sub-lethal doses leads to immuno-toxicological effects in broiler birds. *PLoS One*. 2025 Jan 28;20(1):e0315915.
17. Ashraf A, Sajid MS, Rizwan HM, Hussain K, Mahmood MA, Arshad MI, Abdin ZU, Ashraf S, Jones MK, **Fouad D**, Ataya FS. Participatory epidemiological approaches for risk assessment of bed bug (Insecta: Hemiptera: Cimicidae) infestation in public hospitals in the city of Faisalabad, Punjab, Pakistan. *BMC Public Health*. 2025 Feb 1;25(1):414.
18. Li X, Xu C, Chen J, Xie Y, Dun Y, Liu C, Liu Z, **Fouad D**, Mahmood S, Shen S and Li K, 2024. Effect of *Tupistra chinensis baker* therapy on intestinal injury induced by *E. coli*. *Pakistan Veterinary Journal*. 2024, 44(4): 1033-1042.
19. Abdelhamid M, **Fouad D**, Alian A, Nasr AA, Abd-Allah H, Farouk M, Abd Elmaleck BS, Alexiou A, Papadakis M, Batiha GE, Anwar FAS. Evaluating the In Vitro Anthelmintic Activity of Zinc Oxide Nanoparticles (ZnO-NPs) Against the Adult Stages of *Fasciola hepatica*. *Veterinary Medicine and Science*. 2025; 11:e70170
20. Usman M, Rizwan HM, Sajid MS, Kausar R, Tahir UB, Abbas H, Ateeq MK, Raza M, Maqbool M, **Fouad D**, Ataya FS Prevalence and Histopathological Analysis of Cystic Echinococcosis in Ruminants of District Narowal, Pakistan: Focus on Pulmonary Involvement. *Braz J Vet Parasitol. Revista Brasileira de Parasitologia Veterinária* 2024; 33(4): e016824
21. Kaur D, Grewal AK, **Fouad D**, Kumar A, Singh V, Alexiou A, Papadakis M, Batiha GE, Welton NN, Singh TG. Exploring the Neuroprotective Effects of Rufinamide in a Streptozotocin-Induced Dementia Model. *Cellular and Molecular Neurobiology*. 2025 Dec 11;45(1):4.
22. Buzdar JA, Shah QA, Khan MZ, Zaheer A, Shah T, Ataya FS, **Fouad D**. Hepatoprotective Effects of Olive Leaf Extract Against Carbon Tetrachloride-Induced Oxidative Stress: In vivo and In-silico Insights into the Nrf2-NFkB Pathway. *Journal of Molecular Histology*. 2025, 56:42
23. Hussain R, Naz S, Alam S, Ali HM, Ali A, Khan MS, **Fouad D**, Ataya FS, Mammadov A, Li K. Temporal and Dosage Impact of Magnesium Oxide Nanoparticles on Grass Carp: Unveiling Oxidative Stress, DNA Damage and Antioxidant Suppression. *Toxicology Mechanisms and Methods*.35(1), 19–31.
24. Raza A, Gul RA, Mehmood K, Hussain R, Iqbal K, Saher AS, Ghori MT, Ali S, Altaf M, Malik AI, Zahid M, **Fouad D**, Li K. Molecular detection and phylogenetic analysis of mycoplasma bovine in bovine calves. *Pakistan Veterinary Journal*. 2024. 44(3): 889-895.
25. Khan FA, **Fouad D**, Ataya FS, Fang N, Dong J, Ji S. FXR1 associates with and degrades PDZK1IP1 and ATOH8 mRNAs and promotes esophageal cancer progression. *Biology Direct*. 2024 Nov 7;19:104.

26. Alaasam ER, Janabi AM, Al-Buthabhak KM, Almudhafar RH, Hadi NR, Alexiou A, Papadakis M, Abo-El Fetoh ME, Fouad D, El-Saber Batiha G. Nephroprotective Role of Resveratrol in Renal Ischemia-Reperfusion Injury: A Preclinical Study in Sprague-Dawley Rats. *BMC Pharmacology and Toxicology* (2024) Oct 28;25(1):82,
27. Ojo, O.A.; Ajayi-Odoko, O.A.; Gyebi, G.A.; Ayokunle, D.I.; Ogunlakin, A.D.; Ezenabor, E.H.; Olanrewaju, A.A.; Agbeye, O.D.; Ogunwale, E.T.; Rotimi, D.E.; **Dalia Fouad, D.**; Batiha, G.; Adeyemi. O.S. Network pharmacology, molecular dynamics and in vitro assessments of indigenous herbal formulations for Alzheimer's therapy. *Life* 2024, 14, 1222,
28. Rizwan HM, Naveed M, Sajid MS, Nazish N, Younus M, Raza M, Maqbool M, Khalil MH, **Fouad D**, Ataya FS. Enhancing Agricultural Sustainability: Optimizing Composting of Slaughterhouse Sludge for Parasite and Coliform Elimination. *Scientific Reports*. 2024 Oct 14;14(1):23953.
29. Arumugam V, Bhat AH, Savarirayan IK, Ataya FS, **Fouad D**. Root-Knot Nematode Suppression through Biogenic Silver Nanoparticles: A Promising Path for Sustainable Agriculture. *Journal of Nanoparticle Research*. 2024 Nov;26(11):249.
30. Rizwan HM, Zohaib HM, Sajid MS, Tahir UB, Kausar R, Nazish N, Said MB; Anwar N; Maqbool M, **Fouad D**, Ataya FS. Unveiling the hidden threat: investigating gastrointestinal parasites and their costly impact on slaughtered livestock. *Braz J Vet Parasitol. Revista Brasileira de Parasitologia Veterinária* 2024; 33(3): e007224.
31. Chen H, Buzdar JA, Riaz R, **Fouad D**, Ahmed N, Shah QA, Chen S. Bovine Lactoferrin alleviates aflatoxin B1 induced hepatic and renal injury in broilers by mediating Nrf2 signaling pathway. *Poultry Science*. 2024, 103 :104316.
32. Rodrigues SO, Santiago FR, Silva MS, Lima AS, Godoy LE, De Waard M, **Fouad D**, Batiha GE, Santos TL, Pagnossa JP. Macrolide resistance outcomes after the Covid-19 pandemic: A one health approach investigation. *Biomedicine and pharmacotherapy*. 2024 Nov 1;180:117437,
33. Shah SH, Liu H, Khan M, Muhammad R, Qadeer A, **Fouad D**. Chen CC. (2024) Exploration of Klebsiella aerogenes derived secondary metabolites and their antibacterial activities against multidrug-resistant bacteria. *PLoS ONE* 19(9): e0300979.
34. Arshad N, Alam S, Rafay M, Jabeen G, Hussain K, Hussain R, Ullah MI, Iqbal M, **Fouad D**, Ataya FS. Effects of environmental relevant concentrations of acetochlor on growth, hematology, serum biochemistry and histopathology of Japanese quail. *PLoS One*. 2024 Sep 20;19(9):e0306583.
35. Lukman HY, Kuo Y, Owolabi MS, Lawal B, Chen LC, Ajenifujah OT, Fadaka AO, Olawale F, Onikanni SA, Sani S, De Waard M, **Fouad D**, Batiha GE, Sabiu S, Wu ATH, Huang HS. Evaluation of terpenes rich Hura crepitans extract on glucose regulation and diabetic complications in STZ-induced diabetic rats. *Biomedicine & Pharmacotherapy*. (2024) 179: 117308.
36. Ismail H, Mubashar Z, Khan H, Naveed Z, Dilshad E, Bhatti MZ, Anwaar S, Saleem S, Mehmood S, Rahman A, Rashid U. **Fouad D**, De Waard M, Batiha GE. Effects of a High Trans Fatty Acid Diet on Kidney-, Liver-, and Heart-Associated Diseases in a Rabbit Model. *Metabolites*. 2024; 14(8):442.

37. Wang D, Zeng J., Ma H., Fouad D., Su Z. Comparative analysis of the Gut Microbiota between two horse species. *Pakistan Veterinary Journal*. 2024, 44(2): 449-457
38. Kogi AC, George BD, Tekdek LB, Ibrahim ND, **Fouad D**, Yaro CA, El-Gazzar AM, Papadakis M, Batiha GE. Determination of Percentage Elongation at Break and Histopathology of Skin from Yankasa Sheep Experimentally Infested with *Amblyomma variegatum*. *Veterinary Parasitology*. 2024, 331: 110246
39. Khan MT, Rehman MF, Arslan M, Javaid A, Farooq U, Asad T, Nisa Q, Azhar M, Bughio EX, Liaqat S, Aslam S, Ali FV, Ali H, Wadood FX, Gondal MA, Rauf M, **Fouad D**, Ataya FS, Safdar M, Nazir S, Magsi AS, Kumar M. Effect of blend of essential oils on growth performance, carcass characteristics, meat quality, intestinal morphology, serum biochemistry, and immune response of broiler chickens. *Brazilian Journal of Poultry Science*. 2024 Jun 10;26(01):eRBCA-2023.1853
40. Xu C, Ali M, Sun J, Li X, **Fouad D**, Iqbal M, Kulyar MF, Wu Y, Li K. Protective effect of *Abrus cantoniensis* Hance against liver injury through modulation of intestinal microbiota and liver metabolites. *Ecotoxicology and Environmental Safety*. 2024, 279: 116495
41. Abbas H, Sajid MS, Rizwan HM, Tahir UB, Farooqi SH, Iqbal Z, Malik MA, Yaseen K, Maqbool M, Raza FA, Raza M, **Fouad D**, Ataya FS. Exploring Mosquito Abundance and Plasmodium Infection through Nested-PCR: Implications for Disease Surveillance and Control. *Scientific Reports* 14, 9871 (2024).
42. Zhang J, Shi B, Lu S, Wang S, Ren X, Liu R, Dong H, Li K, **Fouad D**, Ataya FS, Mansoor MK, Qamar H, Wu Q. Metagenomic analysis for exploring the potential of *Lactobacillus yoelii* FYL1 to mitigate bacterial diarrhea and changes in the gut microbiota of juvenile yaks. *Microbial Pathogenesis*. 2024 (186): 106496. PMID: 38072228. ISSN 0882-4010 Q2 (61/135); IF 3.8 <https://doi.org/10.1016/j.micpath.2023.106496>
43. Ullah S, Halim SA, Ibrar A, Khan I, Ataya FS, **Fouad D**, Batiha GE, Khan A, Al-Harrasi A. Urease inhibitory potential of pyridine-containing triazolothiadiazole and triazolothiadiazine scaffolds for the treatment of ulceration and kidney stone: In vitro screening, kinetics mechanism and in silico computational analysis. *Journal of Biomolecular Structure & Dynamics*. Dec 28:1- 10. <https://doi.org/10.1080/07391102.2023.2291542>. PMID: 38153364 (Impact factor 3.31, Q2), ISSN: 0739-1102
44. Talib M, Nabeel MA, Haq SU, Waqas MS, Jamil H, Aqib AI, Muneer A, **Fouad D**, Ataya FS. Recent Trends in *S. aureus* and *E. coli*-Based Endometritis, and the Therapeutic Evaluation of Sodium Alginate-Based Antibiotics and Nanoparticles. *Gels* 2023: Dec 5;9(12): 955. <https://doi.org/10.3390/gels9120955> . IF 4.6, Q1 (18/86)
45. Sajid, M.S.; Iqbal, A.; Rizwan, H.M.; Kausar, A.,Tahir, U.B.; Younus, M.; Maqbool, M.; Siddique, R.M.; **Fouad, D.**; Ataya, F.S. Guardians of the Herd: Molecular Surveillance of Tick Vectors Uncovers Theileriosis Perils in Large Ruminants. *Microorganisms*. 2023, 11, 2684 <https://doi.org/10.3390/microorganisms11112684> IF 4.8, Q2
46. Basheer M, Bhat AH, Ahmed Y, Batiha GA, Ataya FS, Fouad D, Rai S. Melatonin as a promising therapeutic intervention for restoring ovarian function in letrozole-induced polycystic ovary syndrome rats, *Heliyon*. 2023, Volume 9, (11), e21237, DOI: <https://doi.org/10.1016/j.heliyon.2023.e21237> IF 4.0 , Q2

47. Li L, Tu Y, Dai X, Xiao S, Tang Z, Wu Y, Fouad D, Ataya FS, Mehmood K, Li K. The effect of *Abrus cantoniensis* Hance on liver damage in mice. *Ecotoxicology and Environmental Safety*. 2023 Nov 1;266:115560. <https://doi.org/10.1016/j.ecoenv.2023.115560> Q1, IF 6.8.
48. Abubakar Awwal Yusuf , Bashir Lawal , Uchenna Blessing Alozieuwa , Amos S. Onikanni, Halimat Yusuf Lukman, Adewal O. Fadaka , Femi Olawale, Obinna Osuji, Sani Saidu, H. Debora Yusuf , Gaber El-Saber Batiha , Farid S. Ataya, Dalia Fouad. Attenuating effects of *Azanza garckeana* fractions on glycemo-impaired-associated dyslipidemia, hepatopathy, and nephropathy. *American Journal of Translational Research*. 2023;15(10):5997-6014 IF 2.2, Q4
49. Zhang W, Li Y, Ye X, Ma Z, Wei X, Pan J, Tang Z, Hu L, Li Y, Fouad D and Ataya FS. Mitochondrial dynamics disturbances in the liver of broilers with pulmonary hypertension syndrome. *Pakistan Veterinary Journal*. 2023, 43(3):537-544. IF 2.3, Q1 <http://pvj.com.pk/pdf-files/23-189.pdf> DOI: 10.29261/pakvetj/2023.073
50. Talpur FN, Unar A, Bhatti SK, Alsawalha L, Fouad D, Bashir H, Afridi HI, Ataya FS, Jefri OA, Bashir MS. Bioremediation of neonicotinoid pesticide, imidacloprid, mediated by *Bacillus cereus*. *Bioengineering-Basel*. 2023 Aug 10;10(8):951. <https://doi.org/10.3390/bioengineering10080951>
51. Haq I, Haq M, Ali O, Khan MJ, Ullah N, Khan AA, Usman F, Asif A, Ataya FS, Fouad D, Iftikhar A. Evaluation of therapeutic potential and anti-hypercholesterolemic effects of prunes in albino rats: An experimental study. *Pak. J. Pharm. Sci.*, Vol.36, No.4(Special), July 2023, pp.1305-1312. IF 0.8, Q4 doi.org/10.36721/PJPS.2023.36.4.SP.1305-1312.1
52. Ding X, Jiang H, Zhang R, Chen X, Yu H, Zu Y, Tan S, Wang X, Wang Q, Xu W, Fouad D. Comparative Analysis of Nasal Microbial Community between Tibetan Sheep with different ages. *Pakistan Veterinary Journal*. 2023: <http://dx.doi.org/10.29261/pakvetj/2023.075>
53. Fatimah Al-Shammari, Muath AL-Ghadi, Dalia Fouad (2023). Detrimental effects of selenium nanoparticles on growth and development of mice embryos in vitro. *Pakistan Journal of Zoology* (submitted)
54. Rashed Alqahtani MA, Virk P, Fouad D. Attenuating Effect of *Spirulina* (*Arthrospira platensis*) against Di (2-ethylhexyl) Phthalate Induced Toxicity in Wistar Rat. *Environmental Pollutants and Bioavailability*. 2023 Dec 31;35(1):2197154. <https://doi.org/10.1080/26395940.2023.2197154>
55. Abuelgassim, Batool ALshabib , Dalia Fouad(2022) Effect of Ferulic Acid on Cholesterol Synthesis, Serum Lipids and Hepatotoxicity in Atherogenic Rats. *Indian Journal of Pharmaceutical Sciences* 2022(84):341-347.
56. Shuker E, Farhood M, Al-Qudaihi G, Fouad D(2022)Potential Effects of Boldine on Oxidative Stress, Apoptosis, and Inflammatory Changes Induced by the Methylprednisolone Hepatotoxicity in Male Wistar Rats. *Dose Response an international journal* 2022.(20): 1-16
57. Dalia Fouad, Amani Riyadh, Esraa Shuker, Mai Elobeid , Promy Virk (2022) Potential protective effect of bromelain and pineapple extract on gamma irradiated female rats: a study of oxidative stress, apoptosis, and hormonal changes. *Journal of Food and Nutrition Research*

58. Promy Virk, Sarah Turif Abdulhadi Alajmi, Manal Awad, Mai Elobeid, Khalid M.O. Ortashi, Atheer Mohammed Asiri, Nada M. Merghani, Dalia Fouad(2022). Attenuating effect of Indian mustard (*Brassica juncea*) seed and its nano formulation on arsenic induced-oxid. *Journal of King Saud University – Science* 2022, 34: 102134 2
59. Dalia Fouad, Esraa Shuker, Manal Farhood (2022) Renal toxicity of methylprednisolone in male Wistar rats and the potential protective effect by boldine supplementation. *Journal King Saud University Science*.2022
60. **Dalia Fouad**, Amira Badr, Hala Attia. Hepatoprotective activity of raspberry ketone is mediated via inhibition of the NF-kB/TNF- α /caspase axis and mitochondrial apoptosis in chemically induced acute liver injury. *Toxicology Research*. 2019, 8, 663–676 | [DOI: 10.1039/c9tx0068b](https://doi.org/10.1039/c9tx0068b) (**Impact factor 1.593**)
61. Irene Botros, Dalia Fouad. (2021) *Ophiotaenia tessellata* sp. n. (Eucestoda: Proteocephalinae) from *Natrix tessellata* (Laurenti, 1768) (Serpentes: Colubridae) in Egypt. *Pakistan Journal of Zoology*, 2022: 1-19.
62. Dalia Fouad, Asma Hajla, **Farid S. Ataya** and Ebtsam Al-Olayan. Haematological, Physiological, Histopathological, and Immunological Effects of Pinworm (*Aspicularis tetraptera*) Infection in Laboratory Mice. *Journal of Biological Sciences*. 2021, 21 (1): 10-18, [DOI: 10.3923/jbs.2021.10.18](https://doi.org/10.3923/jbs.2021.10.18)
63. P.Virk, N.A.Al-mukhaizeem, S.HamadBinMorebah, D.Fouad, M.Elobeid.(2020) Protective Effect of Resveratrol Against Toxicity Induced by the Mycotoxin, Zearalenone in a Rat Model . *Food and Chemical Toxicology*. 2020, 146:111840. <https://doi.org/10.1016/j.fct.2020.111840>
64. Farid S. Ataya, **Dalia Fouad**, Hamza Huntoul, Saad Alqarni, Abuelgassim O. Abuelgassim, Hesham El Enshasy. Cloning and molecular study of *Aspergillus niger* uric acid oxidase in *Escherichia coli*. *Journal of Scientific & Industrial Research*. , 87: 890-895. (**Impact factor. 0.73, Q4**), ISSN: 0022-4456, E-ISSN 9751-084. <http://nopr.niscair.res.in/handle/123456789/52209>,
65. Amira Badr , **Dalia Fouad**, and Hala Attia. Insights into Protective Mechanisms of Dandelion Leaf Extract Against Cisplatin-Induced Nephrotoxicity in Rats: Role of Inhibitory Effect on Inflammatory and Apoptotic Pathways. *Dose Response – International Journal*. 2019, 1-11. <https://doi.org/10.1177/1559325819874897> (**Impact factor 2.451**).
66. **Dalia Fouad**; Eman Al-Obaidi; Amira Badr; Farid Ataya; Rewaida Abdel-Gaber. Modulatory effect of *Ficus carica* on oxidative stress and hematological changes induced by gamma-radiation in male albino rats. accepted for publication in *Biologia*. 2020, 75:1313–1324, ISSN: 0006-3088 (Print) 1336-9563 (Online) [DOI : 10.2478/s11756-019-00375-z](https://doi.org/10.2478/s11756-019-00375-z).
67. **D. Fouad**, H. Alhatem, R. Abdel-Gaber, F. Ataya. Hepatotoxicity and renal toxicity induced by gamma-radiation and the modulatory protective effect of *Ficus carica* in male albino rats. *Res. Vet. Sci*. 2019, 125: 24-35 . (**Impact Factor 1.751**). <https://doi.org/10.1016/j.rvsc.2019.05.010>
68. R. Abdel-Gaber, F. Ataya, **D. Fouad**, M. Daoud, S. Alzuhairy. Prevalence, morphological and molecular phylogenetic analyses of the rabbit pinworm, *Passalurus ambiguus* Rudolphi 1819, in the domestic rabbits *Oryctolagus cuniculus*. . *Acta Parasitologica*.

- 2019: 64(2):316-330. (**Impact factor. 1.1, Q4**), ISSN: 1230-2821. <https://doi.org/10.2478/s11686-019-00047-7>.
69. Malik A, Khan JM, Alamery SF, **Fouad D**, Labrou NE, Daoud MS, Abdelkader MO, Ataya FS. Monomeric *Camelus dromedarius* GSTM1 at low pH is structurally more thermostable than its native dimeric form. *Plos One*, 2018, 13(10):e0205274. (**Impact factor. 3.3, Q1**), ISSN: 1932-6203. [doi:10.1371/journal.pone.0205274](https://doi.org/10.1371/journal.pone.0205274). [eCollection](#)
 70. Abdel-Gaber R, **Fouad D**, Ataya FS, Morsy K, Maher S. Morphological identification and molecular characterization of 18S rDNA of two hemiurid trematodes (*Lecithocladium cristatum* Rudolphi, 1819 and *Lecithocladium parviovum* Yamaguti, 1953) infecting the greater lizardfish *Saurida tumbil* (Pisces: Synodontidae) inhabiting the Red Sea. *Gene*, , 2019, 683: 243-252 (**Impact factor. 2.4, Q3**), ISSN: 0378-1119. [doi:10.1016/j.gene.2018.10.041](https://doi.org/10.1016/j.gene.2018.10.041)
 71. Farid S. Ataya, **Dalia Fouad**, Ajmaluddin Malik, Nikolaos E. Labrou, Mohamed S. Daoud Hesham M. Saeed, Cloning, expression and molecular characterization of glutathione transferase P1-1 from the camel *Camelus dromedarius*. *Pakistan Journal of Zoology*. 2017, 49: 2279-2289 (**Impact factor 0.79**), ISSN: 0030-9923, [DOI: http://dx.doi.org/10.17582/journal.pjz/2017.49.6.2279.2289](http://dx.doi.org/10.17582/journal.pjz/2017.49.6.2279.2289) Accession Number: WOS:000424964600042
 72. F. Perperopoulou, F. S. Ataya, D. **Fouad**, A. Malik, H M. Saeed, NE. Labrou. Biochemical characterization of the detoxifying enzyme glutathione transferase P1-1 from the camel *Camelus dromedarius*. *Cell Biochem Biophys*. 2016, 74 (4):459–472 (**Impact factor 2.323**) ISSN 1085-9195. [PDF](#), [doi:10.1007/s12013-016-0761-6](https://doi.org/10.1007/s12013-016-0761-6)
 73. Bader A and **Fouad D**. Anti-apoptotic and Anti-inflammatory Effects of Olive Leaf Extract Against Cisplatin-induced Nephrotoxicity in Male Rats. *International Journal of Pharmacology*, 12(7): 675-688, 2016. (**Impact Factor 0.754**)
 74. Malik A, **Fouad D**, Labrou NE, Al-SenaidyAM, Ismael MA, Saeed HM, Ataya FS. Structural and thermodynamic properties of mitochondrial kappa class glutathione transferase from the *Camelus dromedarius*. *International Journal of Biological Macromolecules*. 2016, 88: 313-319 (**Impact factor 4.784**) ISSN: 0141-8130. [PDF. doi:10.1016/j.ijbiomac.2016.03.065](https://doi.org/10.1016/j.ijbiomac.2016.03.065)
 75. **Dalia Fouad**. Molecular Modeling and Phylogeny of the Manganese Superoxide Dismutase from the Camel, *Camelus dromedarius*. *Pakistan Journal of Zoology*. 2015. 47 (4)1015-1023 (**Impact factor 0.79**).
 76. **Dalia Fouad**. Antioxidant and Cytoprotective Effect of Melatonin on Hepatotoxicity and Oxidative Stress induced by Orange Yellow S in Male Rats. *Pakistan Journal of Zoology*. 2015. 47 (2) 383-391(**Impact factor 0.79**).
 77. Al-Hazzani, AA; Daoud, MS; Ataya, FS; **Fouad, D**; Al-Jafari, A. Renin-angiotensin system gene polymorphisms among Saudi patients with coronary artery disease. *Journal of Biological Research-Thessaloniki*. 2014. 21 (8):1-9. ISSN: 1790-045X (**Impact factor 2.364**) [doi:10.1186/2241-5793-21-8](https://doi.org/10.1186/2241-5793-21-8)
 78. Farid S. Ataya, Abdul Aziz Al-Jafari, Moham ed S. Daoud, Amal Abdulaziz AlHazzani, Afaf Ibrahim Shehata, Hesham M. Saeed and **Dalia Fouad**. Genomics, phylogeny and in silico analysis of mitochondrial glutathione S-transferase-kappa from the camel *Camelus*

- dromedarius. Research in Veterinary Science.*2014, 97 (1): 46–54 (**Impact factor 1.751**)
ISSN: 0034-5288 [DOI: 10.1016/j.rvsc.2014.04.004](https://doi.org/10.1016/j.rvsc.2014.04.004)
79. **Dalia Fouad**, Hessa Alobaidand Abdulaziz A. Al-Jafary. Effect of melatonin on the oxidative stress induced by the food additive (C.I. Food Yellow 3) on some blood parameters and antioxidant enzymes in male rat kidney. *Life Sci J* 2013 **10** (4): 343-350 (**Impact factor 0.3**). ISSN.1097-8135[PDF](#)
 80. Mohamed S. Daoud, Farid S. Ataya, **Dalia Fouad**, Amal Alhazzani, Afaf I. Shehata Aand Abdul Aziz A. AL-JafaryAssociations of three lipoprotein lipase gene polymorphisms, lipid profiles and coronary artery disease. *Biomedical Reports*, 1: 573582, 2013. [DOI: 10.3892/br.2013.126](https://doi.org/10.3892/br.2013.126), [PDF](#).
 81. Farid Shokry Ataya, M. Alanazi, **Dalia Fouad**,Hesham Mahmoud Saeed and Mohammad D. Bazzi (2012) Molecular cloning and characterization of a putative
 82. OGG_N domain from the camel, *Camelus dromedarius*. *Afr. J. Biotechnol.* 11(31), 7803-7811 (**Impact factor 0.573**), [DOI: 10.5897/AJB11.3915](https://doi.org/10.5897/AJB11.3915)Farid S. Ataya, **Dalia Fouad**, Ebtsam Al-Olayan, Ajamaluddin Malik. (2012) Molecular cloning, characterization and predicted structure of a putative copper-zinc SOD1 from the camel, *Camelus dromedarius*. *International Journal of Molecular Sciences*. 13: 879-900. (**Impact factor 4.183**) [DOI:10.3390/ijms13010879](https://doi.org/10.3390/ijms13010879)
 83. Sayed H, **Fouad D**, Ataya FS, Hassan NHA, Fahmy MA (2012). The Protective Role of Selenium and Vitamins A, E, and C Against the Genotoxicity Induced by Sunset Yellow in Male Mice” *Mutation Research* 744(2): 145-153.(**Impact factor 2.107**), [DOI:10.1016/j.mrgentox.2012.02.003](https://doi.org/10.1016/j.mrgentox.2012.02.003)
 84. F.S. Ataya, **Dalia Fouad**, Ajamaluddin Malik, Hesham Mahmoud Saeed (2012) Molecular cloning and 3D structure modeling of APEX1, DNA Base Excision Repair enzyme from the camel, *Camelus dromedarius*. *International Journal of Molecular Sciences*. 13(7), 8578-8596; [doi:10.3390/ijms13078578](https://doi.org/10.3390/ijms13078578) (**Impact factor 4.183**).
 85. Sawsan A. Omer, Mai A. Elobeid, **Dalia Fouad**, Maha H. Daghestani, Ebtesam M. AlOlayan, Maha H. Elamin, Promy Virk, Ameera El-Mahassna (2012) Cadmium Bioaccumulation and Toxicity in Tilapia Fish (*Oreochromis niloticus*). *Journal of Animal and Veterinary Advances*: 11 (10), 1601-1606 (**Impact factor 0.365**). [DOI:10.3923/javaa.2012.1601.1606](https://doi.org/10.3923/javaa.2012.1601.1606)
 86. **Fouad D**, Ataya FS, Muntane J. (2011): Expression of p53 during apoptosis induced by D- galactosamine and the protective role of PGE1 in cultured rat hepatocytes. *Pak. J. Biol. Sci.*: 14(21): 976-983, 2011. [DOI:10.3923/pjbs.2011.976.983](https://doi.org/10.3923/pjbs.2011.976.983)
 87. **Fouad D**, Montero JL, De la Mata M, Muntané J. (2004) Role of NF-kappaB activation and nitric oxide expression during PGE protection against d-galactosamine-induced cell death in cultured rat hepatocytes. *Liver Int.* 24(3):227-36. (**Impact factor 5.542**).
 88. Siendones E, **Fouad D**, Muntané J. (2004) PGE1-Induced NO Reduces Apoptosis by DGalactosamine Through Attenuation of NF- κ B and NOS-2 Expression in Rat Hepatocytes.*Hepatology* 40:(6)1295-1303, (**Impact factor 14.971**)
 89. Castilla R, Gonzalez R, **Fouad D**,Fraga E, Muntané J(2004) Dual effect of ethanol on cell death in human and rat hepatocytes. *Alcohol and Alcoholism*. 39(4):290-296. (**Impact factor 2.777**).

90. **Fouad D**;Montero JL; De la Mata M; et al (2003).Role of the inhibition of NF-kappa B activation during PGE1 protection against D-galactosamine-induced apoptosis in primary culture of rat hepatocytes. Conference: 38th Annual Meeting of the EuropeanAssociation-for-the-Study-of-the-Liver, ISTANBUL, MAR 29-APR 01, 2003, Sponsor(s): European Assoc Study Liver. *Journal of Hepatology*, Volume:38 Supplement: 2Pages: 94-94 (**Impact factor 18.946**).DOI: [10.1016/S01688278\(03\)80382-3](https://doi.org/10.1016/S01688278(03)80382-3): [PDF](#)
91. **Dalia Fouad**, Emilio Siendones, Jose Luis Montero, Manuel De la Mata, JordiMuntane, Gonzalo Miño (2002): NF-kB activation is involved on PGE1 protection against Dgalactosamine-induced apoptosis in primary culture of rat hepatocytes. *Journal of Hepatology* Vol. 36, Supplement 1, Page 79 (**Impact factor 18.946**).
92. Siendones E, **Fouad D**, ElSaid AMK, Quintero A, Barrera P, Muntané J. (2002) Role of nitric oxide in D-Galactosamine-induced cell death and its protection by PGE₁ in cultured hepatocytes. *Nitric Oxide Biology and Chemistry* 8: 133-143. (**Impact factor 3.371**).
93. El-Habit OH, Saada HN, Azab KS, Abdel-Rahman M, **FouadEl-Malah D** (2000). The modifying effect of beta-carotene on γ - radiation- induced elevation of oxidative reactions and genotoxicity in male rats. *Mutation Research*, 466: 179-186. (**Impact factor 2.107**).