

Mohammed El-Sayed Rizk Abu El-Magd El-Ghannam (El-Magd MA) **Professor of Anatomy & Embryology**

Department of Anatomy, Faculty of Veterinary Medicine,
Kafrelsheikh University, Kafrelsheikh, 33516, Egypt
Phone : +201068160301
Email : mohamed.abouelmagd@vet.kfs.edu.eg;
mohrizk73@yahoo.com



My Scientific Identity

Publons: <https://www.webofscience.com/wos/author/record/O-2673-2019>
Scopus ID: [55316498300](https://scopus.com/authorid/55316498300)
ORCID ID: <https://orcid.org/0000-0002-3314-9202>
SciProfiles: <https://sciprofiles.com/profile/226938>
Loop: <https://loop.frontiersin.org/people/727555/overview>
Google scholar: <https://scholar.google.com/citations?user=eEBcIJEAAAAJ>
Researchgate: https://www.researchgate.net/profile/Mohammed_El-Magd
Kudos: https://growkudos.com/profile/mohammed_el-magd
Academia Education: <https://kfs.academia.edu/MohammedAbuElMagd>
Linkedin: <https://www.linkedin.com/in/mohammed-abu-el-magd-40307333/>
Mendeley: <https://www.mendeley.com/profiles/mohammed-el-magd/>

My Scientific Excellence

My Rank	Ranking authority	Link
The first rank in Egypt and the third in Africa	AD Scientific Index	https://www.adscientificindex.com/scientist/mohammed-abu-el-magd-el-ghannam/94694
2% highly cited scientists all over the world	Stanford University	https://elsevier.digitalcommonsdata.com/data.../btchxktzyw/4

Field of Specification

- **Veterinary Anatomy and Surgery**
- **Biotechnology and Bioinformatics:**

Transgenic animal, Gene mutations, Gene transfer, Gene therapy, Stem cell, Tissue culture and Animal cloning, Marker assisted selection (MAS), Quantitative trait locus (QTL), SNPs detection, Gene expression (DEG), Drug design and discovery, Genome.

- **Molecular Biology:**

DNA, RNA extraction, PCR, RFLP-PCR, SSCP-PCR, Real time-PCR, Gene isolation and cloning, In situ hybridization, Western blot, Flowcytometry, Microarray, Immunohistochemistry, Stem cells, Exosomes, Cancer research.

Education/Degrees

Sep 2005 - Nov 2009	PhD. Thesis title "The function and regulation of chick Ebf genes in somites development" got from Royal Veterinary College, London Univ., UK.
Dec 1996 - Jun 2000	MvSc. Thesis title "Early organogenesis and histogenesis of caprine stomach" got from Fac. Vet. Med. Kafrelsheikh, Tanta Univ., Egypt.
Sep 1991 - Jul 1996	BvSc. Very Good grade. got from Fac. Vet. Med. Kafrelsheikh, Tanta Univ., Egypt.

Professional Experience

Aug 2024 till now	Vice Dean for Postgraduate Studies and Research Affairs
April 2022 till now	Head of Kafrelsheikh Univ. Institutional Animal Care and Use Committee
April 2022 - Aug 2024	Head of Scholars Care Unit in Kafrelsheikh University
Jan 2021 till now	Professor of anatomy and embryology. Fac. Vet. Med. Kafrelsheikh Univ.
Jan 2018 till now	Member of Kafrelsheikh University International Ranking Committee
April 2016 - July 2024	Head of Anatomy Department Fac. Vet. Med. Kafrelsheikh Univ.
Jan 2016- Jan 2021	Assistant Professor of Anatomy and Embryology. Fac. Vet. Med. Kafrelsheikh Univ.
Jan 2011 till now	Deputy Manager of Molecular Biology Lab. Fac. Vet. Med. Kafrelsheikh University.
Jan 2010 to Dec 2015	Lecturer of anatomy and embryology. Fac. Vet. Med. Kafrelsheikh Univ.
Sep 2005 to Nov 2009	PhD student, Royal Veterinary College, London Univ., UK
Jul 2000 to Sep 2005	Assistant lecturer, Dept. Anatomy, Fac. Vet. Med., Tanta Univ.
Dec 1996 to Jun 2000	Demonstrator, Dept. Anatomy, Fac. Vet. Med., Tanta Univ.

Teaching experience

Name of course	Target students	Faculty
General Anatomy and Embryology	Undergraduate and postgraduate	Veterinary Medicine – Kafrelsheikh University
Comparative Anatomy		
Surgical Anatomy	Postgraduate	
Lab Animals Surgery		
Scientific research ethics and skills	Undergraduate	
Introduction to Bioinformatics		
Structural Bioinformatics		
Computational Biology		Physical Therapy - Kafrelsheikh University
Molecular Biology		Faculty of Artificial Intelligence- Kafrelsheikh University
Computational Genomics		
Drug Design and Discovery		
Introduction to Computational Biology		

Some Selected International Publications

2025	
1.	Elsisy, R.A., Qahl, S.H., Badawy, A.A., <u>El-Magd, M.A.</u> , Eldeeb, A.E., Farage, A.E., 2025. The effect of cinnamic acid-isatin hybrid and/or vonoprazan on indomethacin-induced gastric ulcer in rats. <i>Journal of Radiation Research and Applied Sciences</i> 18, 102031.
2.	Abdel-Kareem, M.A., <u>El-Magd, M.A.</u> , Alruwaili, M.M., Alenazi, M.S., Younis, I.B., Sakr, N.H., 2025. The ameliorative effects of propolis and/or levothyroxine on propylthiouracil-induced hypothyroidism in adult albino rats. <i>Journal of Radiation Research and Applied Sciences</i> 18, 102040.
3.	Awad MG, El-Shafiey SH, Ali RA, Abd El-Monem DD, Badawy AA, Al-Serwi RH, <u>El-Magd MA</u> , NAN, H., 2025. Targeted liposomal nano-therapy combining anthocyanin and cisplatin reduces Ehrlich ascites carcinoma burden. <i>Front. Pharmacol.</i> 16:1659575.
4.	Desouky, M.A., <u>El-Magd, M.A.</u> , Mousa, M.A., Mallick, A.H., Khan, D., Desouky, D.A., 2025. PCSK9 molecular bridge between hyperlipidemia and vascular inflammation: novel insights into PCSK9-centered pathways in atherosclerosis: a comprehensive review. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> 14, 105.
5.	Abou-El-Naga, A.M., Abdraboh, <u>M.E., El-Magd, M.A.</u> , Mansour, S., Mansour, H.A.E.-H., (2025). Impact of cryopreservation agents on sperm quality, DNA fragmentation, and apoptotic markers in fertile and infertile males. <i>Scientific reports</i> 15, 30072.
6.	Khormi, M.A., Alshammari, A.N., Hegazy, R.A., Alhejely, A., Abdalgadir, E.A., Abdel Gadir, I.K., Eitah, H.E., <u>El-Magd, M.A.</u> , Alshammery, S., Abdulbaqi, A.A., 2025. Dual therapeutic potential of ethanolic plant extracts in diabetes and liver cancer: Comparative study with liraglutide and doxorubicin. <i>Journal of Radiation Research and Applied Sciences</i> 18, 101961.
7.	Salama, A.F., Elmetwalli, A., Elmalla, A., <u>El-Magd, M.A.</u> , Fadel, H.H., 2025. Vitamin B17 alleviates Sorafenib-induced cardiotoxicity in Ehrlich Ascites Carcinoma mice via modulation of inflammatory and fibrotic pathways. <i>Scientific reports</i> 15, 33980.
8.	Badawy A. A., El-Hofey S. M., Shaban A. M., Orif S. E., Uyanikgil Y., <u>El-Magd M. A.</u> (2025). Camel Milk Extracellular Vesicles/Exosomes: A Fascinating Frontier in Isolation and Therapeutic Potential. <i>Food & Function.</i> 6, 344 - 365.
9.	Badawy A. A., Ghamry H. I., Mokhtar N., Sulaiman A. H., Ali E. I., Ebrahim H. A., Eldesoqui M., <u>El-Magd M. A.</u> (2025). Khellin a promising natural compound for alleviation of diabetic nephropathy: Evidence from in-silico, in-vitro and in-vivo studies. <i>Journal of Radiation Research and Applied Sciences</i> 18(3), 101590.
10.	El-Refaiy A. I., Salem Z. A., Badawy A. A., Dahran N., Desouky M. A., <u>El-Magd M. A.</u> (2025). Protective effects of lemon and orange peels and olive oil on doxorubicin-induced myocardial damage via inhibition of oxidative stress and inflammation pathways. <i>Frontiers in Pharmacology</i> 16. https://doi.org/10.3389/fphar.2025.1506673
11.	Hegazy, R.A.; Abdulbaqi, A.A.; Hassani, R.; El-kholy, S.S.; Farrag, F.A.; <u>El-Magd, M.A.</u> (2025). Cytoprotective impact of Moringa oleifera leaf extract on liver damage and insulin resistance in diabetic rats. <i>Journal of Radiation Research and Applied Sciences</i> , 18, 101532.
12.	Amal I. El-Refaiy, Nahed S. Amer, Amani Alhejely, Safa H. Qahl, Amira M. Shaban, Amro E. Mohamed, Amira A. Saleh, Abdelnaser A. Badawy, <u>Mohammed A. El-Magd</u> (2025). Impact of Dandelion (<i>Taraxacum officinale</i>) leaf aqueous extract on immunological response of mice after <i>Schistosoma mansoni</i> infection. <i>Molecular & Biochemical Parasitology</i> , 262, 111673.
13.	Li, Y.; Ding, R.; Liu, Y.; Zhang, Y.; Ghamry, H.I.; Hegazy, R.A.; Chen, N.; <u>El-Magd, M.A.</u> (2025) The ameliorative effect of lycopene and grape seed proanthocyanidins extract against streptozotocin-induced diabetic nephropathy in rats. <i>Journal of Radiation Research and Applied Sciences</i> , 18, 101482.

14.	Sharawi, Z.W., Abass, S.A., Zubair, M.A., Hegazy, R.A., Farrag, F.A., Hamdi, A., El-Magd, M.A. , Elgazar, A.A., (2025) Khellin Mitigates Cisplatin-Induced Renal Injury by Targeting Oxidative Stress, Inflammation, and Apoptosis: Integration of Network Pharmacology, Molecular Docking, and Preclinical Validation, <i>Pharmaceuticals</i> , 18, 836
15.	Al-Amrah, H.; Sharawi, Z.W.; Zubair, M.A.; Alatawy, M.; Mohamed, A.S.; Othman, G.; Badawy, A.A.; El-Magd, M.A. (2025) Impact of propolis and/ or chitosan nanoparticles on H1N1 influenza A virus: In vitro study. <i>Journal of Radiation Research and Applied Sciences</i> , 18, 101537.
16.	Badria, F.A., De Filippis, B., El-Magd, M.A. , Elbadawi, M.M., Hamdi, A., Elgazar, A.A., 2025. Editorial: Multi-target drug discovery and design for complex health disorders. <i>Frontiers in Pharmacology</i> Volume 16 - 2025.
17.	Dong, J., Wei, J., Tong, H., Shi, X., Yuan, M., Cao, Y., El-Magd, M.A. , Chen, Q., Zhang, H., Yuan, P., Mu, J., 2025. EXPRESS: Circadian genes NPAS2 alleviate thermal nociceptive sensitization on CFA-induced inflammatory pain in mice. <i>Mol Pain</i> , 17448069251351045.
18.	Elsawy, M.I., El-Missiry, M.A., Amer, M.E., Abu El-Magd, M. , 2025. Assessment of Anticancer Effect of Anthraquinones on Human Colorectal and Breast Cancer Cells. <i>Egyptian Journal of Veterinary Sciences</i> 56, 555-565.
19.	Dawoud, S.F.M., El-Shazly, S.A., El-Refaiy, A.I., Ghamry, H.I., Sharaf-Eldin, A.M., Mostafa, A.A., Sofy, M.R., Sofy, A.R., El-Magd, M.A. , Zedan, A.M.G., El-Sadawy, A.A., (2025). Magnetized water mitigates AlCl ₃ -induced oxidative stress and Alzheimer's-like neurotoxicity in rats. <i>Journal of Radiation Research and Applied Sciences</i> 18, 101660.
20.	El-Hofey, S.M., Farrag, F.A., Gewaily, M.S., El-Magd, M.A. , 2025. Taraxacum officinale Flower Aqueous Extract Suppresses Oxidative Stress and Induces Apoptosis in HCT116 Colorectal Cancer Cells. <i>Egyptian Journal of Veterinary Sciences</i> 56, 583-592.
21.	El-Shenawe, N.S.A., Khedr, H.A.A., Mersal, A.T.E., El-kholy, S.S., Ebrahim, H.A., Badawy, A.A., El-Magd, M.A. , 2025. Evaluation of the hepatoprotective effects of anthraquinone in a rat model of liver cancer. <i>Journal of Radiation Research and Applied Sciences</i> 18, 101760.
22.	Eldyehy, H.S., Kahilo, K.A., Nasr, N.E., Abu El-Magd, M. , 2025. Lycopene and BITC Cooperatively Target Apoptosis, Angiogenesis, and Redox Balance in HepG2 Cells. <i>Egyptian Journal of Veterinary Sciences</i> 56, 611-619.
2024	
23.	Awad M. G., Hanafy N. A. N., Ali R. A., Abd El-Monem D. D., El-Shafiey S. H., El-Magd M. A. (2024). Exploring the therapeutic applications of nano-therapy of encapsulated cisplatin and anthocyanin-loaded multiwalled carbon nanotubes coated with chitosan-conjugated folic acid in targeting breast and liver cancers. <i>International Journal of Biological Macromolecules</i> 280135854.
24.	Awad M G, Hanafy N A N, Ali R A, El-Monem D D A, El-Shafiey S H, El-Magd M A (2024) Unveiling the therapeutic potential of anthocyanin/cisplatin-loaded chitosan nanoparticles against breast and liver cancers. <i>Cancer Nanotechnology</i> 15: 57. https://doi.org/10.1186/s12645-024-00297-9
25.	Desouky, D. A.; Nosair, N. A.; Salama, M. K.; El-Magd, M. A. ; Desouky, M. A.; Sherif, D. E. PCSK9 and its relationship with HMGB1, TLR4, and TNF α in non-statin and statin-treated coronary artery disease patients. <i>Molecular and Cellular Biochemistry</i> 2024. DOI: 10.1007/s11010-024-05154-2.
26.	Ewes, W.A., Tawfik, S.S., Almatary, A.M., Ahmad Bhat, M., El-Shafey, H.W., Mohamed, A.A.B., Haikal, A., El-Magd, M.A. , Elgazar, A.A., Balaha, M., and Hamdi, A. Identification of benzothiazoles bearing 1,3,4-thiadiazole as antiproliferative hybrids targeting vegfr-2 and braf kinase: Design, synthesis, bio evaluation and in silico study. <i>Molecules</i> ,2024, 29, DOI: 10.3390/molecules29133186.

27.	Safaa A. El-Shazly, Amani Alhejely, Hanan K. Alghibiwi, Sherifa F.M. Dawoud, Aisha M. Sharaf-Eldin, Azza A. Mostafa, Amina M. G. Zedan, Amany A. El-Sadawy, <u>Mohammed A. El-Magd</u> . Protective effect of magnetic water against AlCl ₃ -induced hepatotoxicity in rats. <i>Scientific Reports</i> , 14(1), 24999. DOI: 10.1038/s41598-024-70391-w
28.	Tawfic A. A., Ibrahim H. M., Mohammed-Geba K., <u>El-Magd M. A.</u> (2024). Chitosan nanoparticles, camel milk exosomes and/or Sorafenib induce apoptosis, inhibit tumor cells migration and angiogenesis and ameliorate the associated liver damage in Ehrlich ascites carcinoma-bearing mice. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> 13(1), 74.
29.	Desouky, D.A.; Nosair, N.A.; Sherif, D.E.; <u>El-Magd, M.A.</u> ; Salama, M.K. Association between circulatory microRNA-218 expression, serum PCSK9 levels, inflammatory markers, and monocyte subsets in coronary artery disease patients: impact of statin therapy. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> 2024, 13, 52.
30.	Abass, S.A.; Elgazar, A.A.; El-kholy, S.S.; El-Refaiy, A.I.; Nawaya, R.A.; Bhat, M.A.; Farrag, F.A.; Hamdi, A.; Balaha, M.; <u>El-Magd, M.A.</u> Unraveling the Nephroprotective Potential of Papaverine against Cisplatin Toxicity through Mitigating Oxidative Stress and Inflammation: Insights from In Silico, In Vitro, and In Vivo Investigations. <i>Molecules</i> , 2024; Vol. 29.
31.	Lebda, M.A.; Mansour, A.A.; Elieba, E.M.; Hassoubah, S.A.; AlMalki, F.; <u>El-Magd, M.A.</u> ; Othman, S.I.; Allam, A.M.; Tellez-Isaias, G.; Taha, A.E. Leverage of <i>Salvadora persica</i> and <i>Pulicaria undulata</i> extracts in <i>Escherichia coli</i> -challenged broiler chickens. <i>Poult Sci</i> 2024, 103, 103472.
32.	Tawfic A. A.; Ibrahim H. M.; Mohammed-Geba K.; <u>Abu El-Magd M.</u> Immunomodulatory effect of chitosan nanoparticles on ehrlich ascites carcinoma mice. <i>Egyptian Journal of Veterinary Sciences</i> . 2024, DOI:10.21608/ejvs.2024.331998.2455, 1-9.
33.	Abdo SE, Abdelghany ES, Helal M, Sakr AM, <u>Abu El-Magd M</u> , Hegazy m, et al. Association of polymorphism in leptin gene with semen quality parameters in Egyptian buffaloes bulls. <i>Egyptian Journal of Veterinary Sciences</i> . 2024;56:501-510.
34.	Al-Mathal, E.M.; Khaffagy, A.E.; <u>Abu El-Magd, M.</u> Evaluation of Four Herbicides Cytotoxicity on Normal Liver THLE2 Cells. <i>Egyptian Journal of Veterinary Sciences</i> 2024, 55, 881-894.
35.	AbdAllah, O.; Gwailly, M.S.; Awad, A.; <u>Abu El-Magd, M.</u> Biochemical and Molecular Changes Associated with Asthenozoospermia. <i>Egyptian Journal of Veterinary Sciences</i> 2024, 55, 705-713.
36.	Diab, A.E.-A.A.; Al-Mathal, E.M.; Zahra, M.H.; Dowidar, M.F.; El-Sherbeny, S.A.; <u>Abu El-Magd, M.</u> Ameliorative Effect of <i>Costus speciosus</i> Extracts on Toxic Effects of Lead Acetate on Liver and Kidney of Male Rats. <i>Egyptian Journal of Veterinary Sciences</i> 2024, 55, 895-901.
37.	Fathallah, T.S.; Abd El Latif, A.; Hanafy, A.; Abdel Aziz, M.; <u>Abu El-Magd, M.</u> Zinc Oxide Nanoparticles Boosted Cefquinome Antimicrobial Efficacy and Ameliorated Its Side Effects on Buffalo Mammary Gland Epithelial Cells. <i>Egyptian Journal of Veterinary Sciences</i> 2024, 55, 695-704.
2023	
38.	Wang, D.; Lai, P.; Lu, Q.; <u>El-Magd, M.A.</u> ; Li, X. Effect of c.1431C>T mutation, a causative mutation of Glanzmann's thrombasthenia, on ITGB3 splicing, gene and protein expression. DOI:10.1016/j.gene.2023.147805. <i>Gene</i> 2023, 147805.
39.	Elsied, M.A.; Sharawi, Z.W.; Al-Amrah, H.; Hegazy, R.A.; Mohamed, A.E.; Saleh, R.M.; El-kholy, S.S.; Farrag, F.A.; Fayed, M.H.; <u>El-Magd, M.A.</u> Walnut Kernel Oil and Defatted Extracts Enhance Mesenchymal Stem Cell Stemness and Delay Senescence. <i>Molecules</i> 2023, 28, 6281.
40.	Shaban, A.M.; Raslan, M.; Sharawi, Z.W.; Abdelhameed, M.S.; Hammouda, O.; El-Masry,

	H.M.; Elsayed, K.N.M.; El-Magd, M.A. Antibacterial, Antifungal, and Anticancer Effects of Camel Milk Exosomes: An In Vitro Study. <i>Veterinary Sciences</i> 2023 , <i>10</i> , 124.
41.	Khalifa, S.F., El-Taweel, F.M., Salama, M.F., El-Magd, M.A. , 2023. Therapeutic potential of bitter taste receptor agonists on amyloid β -induced rat model of Alzheimer's disease. <i>Egyptian Journal of Basic and Applied Sciences</i> 10 , 682-696.
42.	Elmetwalli, A.; Hashish, S.M.; Hassan, M.G.; El-Magd, M.A. ; El-Naggar, S.A.; Tolba, A.M.; Salama, A.F. Modulation of the oxidative damage, inflammation, and apoptosis-related genes by dicinnamoyl-L-tartaric acid in liver cancer. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> 2023 . https://doi.org/10.1007/s00210-023-02511-8
43.	Elmaya, S.; Mostafa, N.Y.; Kassab, M.A.; Kirrella, G.A.K.; Abu El-Magd, M. Chemical, Molecular, and Histological Techniques for Detection of Adulteration in some Egyptian Meat Products. <i>Egyptian Journal of Veterinary Sciences</i> 2023 , <i>54</i> , 11-19.
44.	Moawad, A.; Shehawy, E.; Elshayeb, T.; El-Magd, M. Phenotypic and genotypic aspects of sorbitol-negative Escherichia coli isolated from cattle. <i>Journal of the Hellenic Veterinary Medical Society</i> 2023 , <i>74</i> , 5403-5410.
45.	Kirrella, A.A.K.; Al-Wakeel, R.A.; El-Naggar, K.; Mohamed, R.A.; Abdo, S.E.; El-Mehaseeb, I.; Abu El-Magd, M. ; El-Kassas, S. Copper Nanoparticles Improve Growth Performance and Modulate Biochemical and Lipid Profiles in Broilers Exposed to Chronic Heat Stress. <i>Egyptian Journal of Veterinary Sciences</i> 2023 , <i>54</i> , 167-179.
46.	Kotb, A.; Nasr, N.E.; El-badawy, M.m.; Kahilo, K.A.; Abu El-Magd, M. Detection of GDF9 Exon2 SNPs and Investigation of their Association with Prolificacy in Two Egyptian Goat Breeds. <i>Egyptian Journal of Veterinary Sciences</i> 2023 , <i>54</i> , 199-209.
47.	Abu El-Hamd, M.A.E.-S., Metwally. Mohamed, Bassiouni. Mohamed, Hegazy. Mohamed, El-Gendy, El-Magd, Mohammed A. Organic Trace Minerals Improved the Productive and Reproductive Performance of Friesian Cows Better Than Inorganic Minerals. <i>Pakistan Journal of Zoology</i> https://dx.doi.org/10.17582/journal.pjz/20220413210406 2023 .
	2022
48.	Shaban, A.M., Raslan, M., Qahl, S.H., Elsayed, K., Abdelhameed, M.S., Oyouni, A.A.A., Al-Amer, O.M., Hammouda, O., El-Magd, M.A. , 2022. Ameliorative Effects of Camel Milk and Its Exosomes on Diabetic Nephropathy in Rats. <i>Membranes</i> 12 , 1060.
49.	El-Magd, M.A. , Zedan, A.M.G., Zidan, N.S., Sakran, M.I., Bahattab, O., Oyouni, A.A.A., Al-Amer, O.M., Alalawy, A.I., Elmoslemany, A.M., 2022. Avocado Seeds-Mediated Alleviation of Cyclosporine A-Induced Hepatotoxicity Involves the Inhibition of Oxidative Stress and Proapoptotic Endoplasmic Reticulum Stress. <i>Molecules</i> 27 , 7859.
50.	Sallam AA, El-Magd MA , Ahmed MM, Ghamry HI, Alshahrani MY, Hegazy RA, Magdy A, El-Fotouh MFA; Quercetin alleviated multi-walled carbon nanotubes-induced neurotoxicity in mice through inhibition of oxidation, inflammation, and pyroptosis. <i>Biomedicine & Pharmacotherapy</i> 2022 ;151:113160.
51.	Assar DH, Asa SA, El-Abasy MA, Elbially ZI, Shukry M, Latif AAE, BinMowyna MN, Althobaiti NA, El-Magd MA ; Aspergillus awamori attenuates ochratoxin a-induced renal and cardiac injuries in rabbits by activating the nrf2/ho-1 signaling pathway and downregulating il1 β , tnfa, and inos gene expressions. <i>Environmental Science and Pollution Research</i> 2022 . <i>29</i> (46):69798-69817.
52.	Sallam, A.A.; Ahmed, M.M. ; El-Magd , M.A.; Magdy, A.; Ghamry, H.I.; Alshahrani, M.Y.; Abou El-Fotouh, M.F. Quercetin-ameliorated, multi-walled carbon nanotubes-induced immunotoxic, inflammatory, and oxidative effects in mice. <i>2022</i> . <i>25</i> ;27(7):2117
53.	Alzahrani F. A., Alkarim S. A., Hawsawi Y. M., Abdulaal W. H., Albiheyri R., Kurdi B., Alguridi H., El-Magd M. A. (2022). 25 (S)-Hydroxycholesterol acts as a possible dual enzymatic inhibitor of SARS-CoV-2 Mpro and RdRp–: an insight from molecular docking and

	dynamics simulation approaches. Journal of Biomolecular Structure and Dynamics 1-41(10):4744-4755, https://doi.org/10.1080/07391102.2022.2072392
54.	Attia, A.A., Salama, A.F., Eldiasty, J.G., Mosallam, S.A.E.-R., El-Naggar, S.A., El-Magd, M.A. , Nasser, H.M., Elmetwalli, A., 2022. Amygdalin potentiates the anti-cancer effect of Sorafenib on Ehrlich ascites carcinoma and ameliorates the associated liver damage. Scientific reports 12(1), 6494.
55.	El-Tarabany, M.S., Saleh, A.A., El-Araby, I.E., and El-Magd, M.A. (2022). Association of LEPR polymorphisms with egg production and growth performance in female Japanese quails. Animal Biotechnology, 33(4):599-611. DOI: 10.1080/10495398.2020.1812617
56.	AM El-Kattawy, T Abou Zed, R Megahed, M El-Magd (2022). Immunosuppressive, Anti-Inflammatory, and Antioxidant Effects of Simvastatin on Pristane Induced Arthritis. Pakistan Journl of Zoology. 55, 2349-2358.
57.	Abdelhady, E., Mostafa, N., El-Magd, M. , Kirrella, G., 2022. Effect of Chitosan Powder and Nanoparticles as Natural Preservatives for Beef Minced Meat. Pakistan Journal of Zoology, 55, 2295-2302.
58.	Alzahani, F.E.-M., Mohammed Abu Co-Treatment of Caffeic Acid Phenethyl Ester with Chitosan Nanoparticles Inhibits DNA Methylation in HepG2 Cells. Pakistan Journal of Zoology https://dx.doi.org/10.17582/journal.pjz/20220407050442 2022.
2021	
59.	Alzahrani, F.A., Shait Mohammed, M.R., Alkarim, S., Azhar, E.I., El-Magd, M.A. , Hawsawi, Y., Abdulaal, W.H., Yusuf, A., Alhatmi, A., Albiheyri, R., Fakhurji, B., Kurdi, B., Madani, T.A., Alguridi, H., Alosaimi, R.S., Khan, M.I., 2021. Untargeted Metabolic Profiling of Extracellular Vesicles of SARS-CoV-2-Infected Patients Shows Presence of Potent Anti-Inflammatory Metabolites. International Journal of Molecular Sciences 22(19):10467
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147.	El-Magd, MA , Ahmed Sayed-Ahmed, Ashraf Awad, Mustafa Shukry (2013). Regulation of chick early B-cell factor-1 gene expression in feather development. <i>Acta Histochem</i> 116, 577-82.
148.	EL-Magd, MA ; Haitham G. Abo-Al-Ela, Abeer F. El-Nahas and Ali A. Mansour (2013). SNPs of the MyoD and MyoG genes and their association with growth traits in Egyptian water buffalo (<i>Bubalus bubalis</i>). <i>Indian Journal of Applied Research</i> 3 (12): 63-69.
149.	EL-Magd, MA ; Allen, S; McGonnell, I.; Otto, A; Patel K (2013). Bmp4 regulates chick Ebf2 and Ebf3 gene expression in somite development. <i>Development Growth and Differentiation</i> 55, 710-722.
150.	El-Magd MA ; Abbas H; El- kattawy AM and Mokhbatly A (2013). Novel polymorphisms of the IGF1R gene and their association with average daily gain in Egyptian buffalo (<i>Bubalus bubalis</i>). <i>Journal of Domestic Animal Endocrinology</i> 45: 105-110.
151.	Elmasry E, Omar H, Abdel Razeq F, El-Magd MA (2013): Preliminary studies on habitat and diversity of some sea urchin species (Echinodermata: Echinoidea) on the southern Levantine basin of Egypt. <i>The Egyptian Journal of Aquatic Research</i> ; 39:303-311.
2012	
152.	Sayed-Ahmed A, Abd-Elmaksoud A, Elnasharty M, El-Magd MA (2012). In situ hybridization and immunohistochemical localization of leptin hormone and leptin receptor in the seminal vesicle and prostate gland of adult rat. <i>Acta Histochem</i> 114(3):185-91.

153.	El-Gendy SA, Derbalah A, El-Magd ME (2012). Macro-microscopic study on the toepad of ostrich (<i>Struthio camelus</i>). <i>Vet Res Commun</i> 36(2):129-38.
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International published books

	Title	Link
1	The function and regulation of chick Ebf genes in somite development	https://www.amazon.com/function-regulation-chick-somite-development/dp/3846590886
2	Antibacterial Interaction in <i>Aeromonas hydrophilla</i> -challenged Tilapia	https://www.amazon.com/Antibacterial-Interaction-Aeromonas-hydrophillachallengedTilapia/dp/6139974119
3	Buffalo myogenic genes and their association with growth traits	https://www.amazon.com/Buffalo-myogenic-association-growth-traits/dp/365943700X

Projects/Grants

Title of the project	Role in the project	Funded by
Isolation and identification of some Egyptian buffalo genes related to growth of muscle and mammary gland tissues	Principle investigator (PI)	STDF
Novel biotechnological approach to increase meat production of native (baladi) chicken through inhibition of Myostatin activity	PI	Kafrelsheikh Univ.
Preparation of Molecular Biology Lab	CoPI	STDF
Marker Assisted Selection for Improving Reproductive Efficiency in Egyptian Buffaloes	Researcher A(RA)	STDF
Genetic Population Structure, Gene Flow, DNA barcoding and Molecular Phylogenetic for Conservation of the Commercial Egyptian Marine Sparidae Fish	RA	STDF
Genetic and biotechnological approaches for increase disease resistance in Nile tilapia	CoPI	STDF
Preparation of Bivalent Recombinant Protein Vaccine against Avian Influenza and Avian Pathogenic E. coli Infections in chicken	RA	STDF
The role of exosomes in COVID-19 pathogenesis	RA	KACST-Saudi Arabia

Scientific awards and scholarship

1	The National Incentive Prize for Agricultural Sciences Academy of Scientific Research and Technology - ASRT	2015
2	Best talk award in the sixth scientific conference, Faculty of Veterinary Medicine, Alex University, Egypt "Production of double-muscled transgenic animals as a novel biotechnological tool for increasing meat production in Egypt".	20-22 Nov 2012
3	Best talk award in the 3rd Scientific Congress of African Association of Veterinary Anatomists, Cairo, Egypt "New trends in scientific research through application of Biotechnology"	19-20 Mar 2012
4	Best talk award in the 2 rd Scientific Congress of African Association of Veterinary Anatomists, Cairo, Egypt, "The function and regulation of chick Ebf1 gene in somite development"	20-21 Mar 2010
5	Kafrelsheikh University award for international publication	2013-2024
6	Full PhD scholarship to Royal Veterinary College, London Univ., UK from the Egyptian Ministry of Higher Education call 2004-2005.	Sep 2005 - Nov 2009

Training courses

1. Complete (6 months) training course in Medical statistic, Royal Veterinary College (RVC), London University, (Oct. 2007 to April 2008).
2. Training Course on the Electron Microscope (SEM, TEM) Electron Microscope Centre, Faculty of Science, Cairo University, Egypt (1 week in March 2004).
3. ICDL, Tanta University; and authenticated from UNESCO, 2004.
4. Programs of FLDP (Faculty and Leadership Development Project) from the National center for faculty leadership development.
5. TOT1 (Preparatory stage): 40 hrs (8 hrs each day from 25 to 29 Nov. 2012).
6. Trainer for the following programs: scientific research, international publication, competitive projects and leadership of research team.

Membership of Professional Societies

- 1- American Association of Clinical Anatomists (AACCA)
- 2- European Association of Veterinary Anatomists (EAVA)
- 3- African Association of Veterinary Anatomists (AAVA)
- 4- The Egyptian Anatomical Society (EAS)

Conferences, Symposiums, Workshops and Presentations

No	Title	Role	Organizer	Date
1.	The 22 nd annual scientific conference of the Egyptian Society of Anatomy	Attendant	Faculty of Medicine, Cairo university, Egypt	19/11/1998
2.	The 1 st scientific congress.	Attendant	Fac. Vet Med, Tanta University, Egypt.	6- 8 May 2004
3.	The 29 th annual scientific conference of Egyptian anatomical society.	Attendant	Ain Shams University, Cairo, Egypt.	17 th Nov 2005
4.	Regulation of chick Ebf genes expression in somites. (Internal series of seminar)	Speaker	Royal Veterinary College, London University, UK	15 th July 2007
5.	Mechanism controlling Ebf gene expression in neural crest cells and skeletal muscles. (Group Meeting)	Poster	Institute of Child Health, UCL, London, UK	20 th June 2008
6.	The function and regulation of chick Ebf1 gene in somite development (2 rd Scientific Congress)	Speaker	African Association of Veterinary Anatomists, (AAVA) Cairo, Egypt	20-21 March. 2010
7.	New trends in scientific research (3 rd Scientific Congress)	Speaker	AAVA, Cairo, Egypt	17-18 March. 2012
8.	Application of a novel biotechnological tool to produce double-musced transgenic Tilapia nilotica. (Symposium)	Speaker	Faculty of Agriculture, Kafrelsheikh Univ. Egypt	8/5/2012
9.	Production of double-musced transgenic animals. (6th scientific conference)	Speaker	Faculty of Veterinary Medicine, Alex University, Egypt.	20-22 Nov. 2012
10.	How to write and get a scientific project?	Speaker	Institute of Marine Sciences and Fisheries, Alex University, Egypt.	19/4/2013
11.	Use of gene transfer technology in aquaculture	Speaker	Fac. of Science, Alex University, Egypt	26-27/8/ 2015
12.	New techniques in Molecular Biology. Annual meeting of Faculty of Medicine.	Speaker	Faculty of Medicine, Alex. university, Egypt	14/4/2016
13.	How to write and publish a scientific article?	Speaker	Faculty of Pharmacy, Kafrelsheikh Univ.	11/5/2016
14.	Basic techniques in isolation and identification of stem cells.	Speaker	Faculty of Pharmacy, Kafrelsheikh Univ.	17-19/5/ 2016
15.	Expression and function of Ebf1-3 genes during chondrogenesis. (conference)	Speaker	Faculty of Medicine, Kafrelsheikh University, Egypt.	10/7/2016
16.	Advanced biotechnological approaches in veterinary medicine. (4th scientific conference)	Speaker	Faculty of Veterinary Medicine, Kafrelsheikh University, Egypt	12-14 May. 2016
17.	The role of exosomes in diagnosis and treatment of diseases. (1st scientific conference)	Speaker	Arab society of stem cells and molecular biology, Egypt.	7-9/2/2017
18.	Cardiology annual scientific meeting	Attendant	Fac. of Med. Zagazig	9/3/2017

			University, Egypt	
19.	MSCs-derived exosomes: a novel therapeutic approach in diseases alternative to stem cell-based therapy (1st scientific conference, Recent Trends in chemistry)	Speaker	Faculty of Science, Tanta University, Egypt, Egypt	25-28/4/2017
20.	Advanced techniques for isolation of stem cells.	Speaker	Faculty of Medicine, Kafrelsheikh University, Egypt	9/7/2017
21.	International publication of scientific articles.	Speaker	Faculty of Agriculture, Kafrelsheikh University, Egypt	20/9/2017
22.	Effect of camel milk exosomes on cancer and diabetes (2nd scientific conference)	Speaker	Fac. of Pharmacy (Girls), Azhar University, Egypt	18/11/2017
23.	Good and bad exosomes derived from stem cells and cancer stem cells (5th scientific conference)	Speaker and organizer	Faculty of Ve. Med., Kafrelsheikh University, Egypt.	6-9/3/2019
24.	The 1st International Scientific Conference of the College of Nursing "Covid 19 Epidemiology and Nursing Challenges"	Speaker	Faculty of Nursing Kafrelsheikh University, Egypt.	1/10/2020
25.	The 5 th Conference of the Umbilical Cord Stem Cell Research Center	Speaker	Faculty of Medicine, Mansoura University, Egypt.	19-20/12/2020
26.	The 1 st scientific conference of the Faculty of Dentistry, Sinai University	Speaker	Faculty of Dentistry, Sinai University, Egypt	21/9/2021
27.	Veterinary medicine and the challenges of the twenty-first century (6th scientific conference)	Speaker and organizer	Faculty of Ve. Med., Kafrelsheikh University, Egypt.	17-21/11/2021
28.	One World One Health (1 st international conference)	Scientific co-ordinator	Kafrelsheikh University, Egypt.	5-8/10/2022
29.	The 3rd International Scientific Conference of the College of Nursing	Speaker	Faculty of Nursing Kafrelsheikh University, Egypt.	19/3/2023
30.	The 2 nd scientific conference of the Faculty of Dentistry, Sinai University	Speaker	Faculty of Dentistry, Sinai University, Egypt	22-24/3/2023
31.	The second international congress on bee sciences	Attendant	Faculty of Veterinary Medicine, Afyon Kocatepe Univ, Turkey	14-16 June 2023
32.	Veterinary Medicine and Sustainable Development in Egypt's Vision 2030 (7th scientific conference)	Attendant	Faculty of Ve. Med., Kafrelsheikh University, Egypt.	23-27 April 2024
33.	How to write a research project?	Speaker	Faculty of Ve. Med., Kafrelsheikh University, Egypt.	25 August 2024

Workshops

Giving 25 workshops + training courses on basic techniques in molecular biology (including: PCR, real time PCR, Gene cloning, flowcytometry) and 7 workshops + training courses stem cell from October 2010 till now.

Editorial member at the following Journals:

1	Veterinary Medicine International (Academic editor) https://www.hindawi.com/journals/vmi/editors/
2	Frontiers in Pharmacology (Associate editor) https://loop.frontiersin.org/people/727555/overview
3	Frontiers in Oncology (Associate editor) https://loop.frontiersin.org/people/727555/overview
4	Frontiers in Chemistry (Review editor) https://loop.frontiersin.org/people/727555/overview
5	Beni-Suef University Journal of Basic and Applied Sciences https://bjbas.springeropen.com/
6	Stem Cells International (Guest editor) https://www.hindawi.com/journals/sci/si/176502/
7	Evidence-Based Complementary and Alternative Medicine (Guest editor) https://www.hindawi.com/journals/ecam/si/864373/
8	Journal of Biological Regulators and Homeostatic Agents (Guest editor) https://www.biolfesas.org/EN/collection/1675671620862/articles
9	Pakistan Journal of Zoology (Academic editor) https://researcherslinks.com/journal-details/Pakistan-journal-of-zoology/20/editorial-board
10	Journal of Buffalo Science (Academic editor) https://www.lifescienceglobal.com/journals/journal-of-buffalo-science/editorial-board
11	Kafrelsheikh Veterinary Medical Journal (KVMJ) https://kvmj.journals.ekb.eg/
12	Advances in Dairy Research http://www.esciencecentral.org/journals/editorialboard-advances-in-dairy-research-open-access.php
13	American Journal of Biomedical Science & Research https://biomedgrid.com/associate-editors.php
14	Journal of Embryology & Stem Cell Research https://medwinpublishers.com/JES/editorial-board.php
15	Journal of Evolving Stem Cell Research http://www.openaccesspub.org/journal/jesr/editorial-board
16	SCIREA Journal of Animal Husbandry and Veterinary Medicine https://www.scirea.org/journal/EditorialBoard?JournalID=23000
17	SCIREA Journal of Fisheries https://www.scirea.org/journal/EditorialBoard?JournalID=24000
18	SOJ Veterinary Sciences http://www.symbiosisonlinepublishing.com/veterinary-sciences/editorialboard.php
19	Stem cell research and therapeutics international https://www.auctoresonline.org/journals/stem-cell-research-and-therapeutics-international/editorial-board

Published genes in GenBank database

Gene	Accession	Gene	Accession	Gene	Accession	Gene	Accession
DGAT1(1)	JQ045621	MyoD1	KC107776	GHR5_Sal	KF957985	PIT1_Dok	KF976430
DGAT1(2)	KC107771	FST	KC107777	GHR5_Fay	KF957986	PIT1_Sal	KF976431
DGAT1(3)	KC415277	aLA(1)	KC107778	GHR5_Man	KF957987	PIT1_Hub	KF976432
Myf6	KC107762	aLA(2)	KC415276	GHR5_RIR	KF957988	PIT1_Ins	KF976433
IGF-1(1)	KC107767	MyoG	KC107779	GHR5-Hub	KF957989	PIT1_Man	KF976434
IGF-1(2)	KC668318	OPN(1)	JQ045622	GHSR7_Dok	KF957990	SS_Dok	KF976435
IGF1R(1)	KC107772	OPN(2)	JQ045624	GHSR7_Sal	KF957991	SS_Sal	KF976436
IGF1R(2)	KC415271	OPN(3)	KC415282	GHSR7_Ins	KF957992	SS_Hub	KF976437
IGF1R(3)	KC415272	MyHC(1)	KC107768	GHSR7_Man	KF957993	SS_Ins	KF976438
IGF2	KC107769	MyHC(2)	KC107774	GHRL_Dok	KF976408	SS_Man	KF976439
IGF2R(1)	KC107775	MyHC(3)	KC107766	GHRL_Sal	KF976409	TSH-Dok	KF976440
IGF2R(2)	KC415273	LAP3	KC415278	GHRL_Hub	KF976410	TSH-Sal	KF976441
GH	KC107770	LF	KC415279	GHRL_Ins	KF976411	TSH-Hub	KF976442
GHR.1	KC107765	ACACA	KC107764	GHRL_Man	KF976412	TSH-Ins	KF976443
GHR.2	KC415270	MBL1	KC415281	IGF1_Dok	KF976413	TSH-Man	KF976444
Cyp19(1)	KF957994	GH4_Dok	KF957972	IGF1_Sal	KF976414	BMP15(1)	KU043381
Cyp19(2)	KF957995	GH4_Sal	KF957973	IGF1_Hub	KF976415	BMP15(2)	KU043382
Cyp19(3)	KF976406	GH4_Hub	KF957974	IGF1_Ins	KF976416	ER	KU043386
Cyp19(4)	KF976407	GH4_Ins	KF957975	IGF1_Man	KF976417	FSHR	KU043387
Cyp19(5)	KU043383	GH4_Man	KF957976	IGF2_Dok	KF976418	GDF9(1)	KU043388
Cyp19(6)	KU043384	GH7_Dok	KF957977	IGF2_Sal	KF976419	GDF9(2)	KU043389
Cyp19(7)	KU043385	GH7_Sal	KF957978	IGF2_Hub	KF976420	GDF9(3)	KU043390
TSHR(1)	KC107763	GH7_Hub	KF957979	IGF2_Ins	KF976421	INHBA	KU043391
TSHR(2)	KC415275	GH7_Ins	KF957980	IGF2_Man	KF976422	MSTN	KT 987208
XI	KF957996	GH7_Man	KF957981	LPR_Dok	KF976423	IMP	KX 452681
PRL	KC415283	GH10_Sal	KF957982	LPR_Sal	KF976424	VIM	KX 452684
PRLR	JQ045623	GHR5_Dan	KF957983	LPR_Hub	KF976425	GIM	KX 452680
LP(1)	JQ045625	GHR5_Dok	KF957984	LPR_Ins	KF976426	SIM	KX 452682
LP(2)	KC415280	16SrRNA	KF938589	LPR_Man	KF976427	SPM	KX 452683
LPR	KC415274	qPit1	KT757372	MYOD1	KF976428		
Myf5	KC107773	qLPR	KT634295	PAX7	KF976429		

Thesis supervision

A) Master

	Title	Student	College	Register/ Honored
1.	Isolation and purification of some genes and their relationship with muscle metabolism	Heba Essam Abbas	Biochemistry Dept, Fac. Vet. Med., KFS	2013
2.	Identification of Some SNPs Associated with Meat Production in Egyptian Water Buffalo	Haitham Gamal Bassuny	Development of Animal Wealth Dept, Fac. Vet. Med., Kafrelsheik Univ. (KFS)	2014
3.	Identification of Some SNPs Associated with Milk Production in Egyptian Water Buffalo	Safaa Elsayed Abdo	Development of Animal Wealth Dept, Fac. Vet. Med., KFS	2014
4.	Isolation and identification of SNPs in GH gene in Egyptian chicken breeds and their association with productivity	Mohamed Ali Abd-Elkader	Development of Animal Wealth Dept, Fac. Vet. Med., KFS	2014
5.	Bacteriological assessment of some meat products	Reda Mohamed Ibrahem	Food Hygiene Dept, Fac. Vet. Med., KFS	2014
6.	Physiological studies on the effect of myostatin on muscle growth and function in Egyptian buffaloes	Rasha Elsayed Elwakeel	Physiology Dept, Fac. Vet. Med., KFS	2014
7.	Advanced molecular studies on some genes associated with increase meat production in Egyptian buffalo	Amany Mansour Ghonem	Biochemistry Dept, Fac. Vet. Med., KFS	2014
8.	Identification of GH gene in blood and tissues of low and high meat yielding Egyptian buffaloes	Mohamed ElShahat AbdElFattah	Biochemistry Dept, Fac. Vet. Med., KFS	2014
9.	Histomorphological and molecular studies on the early development of skeletal muscles in El-Salam chickens	Basma Gomaa Hamdy	Anatomy Dept, Fac. Vet. Med., Alex Univ.	2015
10.	Post-hatching development of muscles in Nile tila	Yasmin Magdy Ali	Anatomy Dept, Fac. Vet. Med., Benha Univ.	2015
11.	SNPs detection in some genes associated with meat production in Egyptian chickens	Samar Hamdy Hussen	Development of Animal Wealth Dept, Fac. Vet. Med., KFS	2016
12.	Molecular and biochemical Effect of lead toxicity on rat testis	Rawan Desuky Dishesh	Development of Animal Wealth Dept, Fac. Vet. Med., KFS	2017
13.	Genetic approaches for increasing disease resistance in Nile tilapia fish	Amal Alsamallawy	Biochemistry Dept, Fac. Science, Tanta Univ.	2018
14.	Biochemical effect of some herbal extracts on the immune system of broilers	Esraa Mohsen Elaba	Biochemistry Dept, Fac. Vet. Med., Alex Univ	2018
15.	Effect of preservatives and cryopreservation techniques for human semen cryopreservation on DNA	Sameh Mohamed Mansour	Zoology Dept, Fac. Science, Mansoura Univ	2018

	integrity			
16.	Identification of immune-related genes in the exosome of camel milk and their effect on chemically immunosuppressed rats	Amro Ahmed Twfik	Zoology Dept, Fac. Science, Menoufya Univ	2020
17.	The effect of graviola on some cancer cells treated with cisplatin	Mai Gamal Awad	Zoology Dept, Fac. Science, Ain Shams Univ	2020
18.	Effect of melatonin on the ability of stem cell exosomes to treat renal ischemia in rats	Asmaa Mohamed Ghozy	Chemistry Dept, Fac. Science, Damitta Univ	2020
19.	Depth of penetration of root canal obturator into dentinal tubules with different root canal filling systems	Dina AbdAllah Sarhan	Orthopedic Dept, Fac. Dentistry, Tanta Univ	2020
20.	Immunohistochemical and molecular studies on some proteins and genes related to increasing meat and milk production in Egyptian buffaloes.	Aziza Fathy El-Kady	Biochemistry Dept, Fac. Vet. Med., KFS	2021
21.	The effect of melatonin on the maturation of sperm and eggs and the fertilization process in camels	Samah ElSayed ElSharkawy	Biology Dept, Fac. Science, Mansoura Univ	2022
22.	Effect of some natural products on proliferation, migration and differentiation of stem cells	Marrwa AbuSamra Elsayed	Anatomy Dept, Fac. Vet. Med., KFS Univ	2023
23.	Morphological and molecular changes in the sperm of cases of asthenospermia	Omnia AbdAllah Elsayed	Anatomy Dept, Fac. Vet. Med., KFS Univ	2024
24.	Evaluation of the anticancer effect of anthraquinones on colorectal and human breast cancer	Mustafa Ibrahim ElSaway	Biology Dept, Fac. Science, Mansoura Univ.	2025
25.	Advanced biochemical studies on the effect of some medicinal plant extracts on cancer cells	Hadeer Saad Ibrahim	Biochemistry Dept, Fac. Vet. Med., KFS Univ	2025
26.	Ameliorative effect of Taraxacum officinale extract on ulcerative colitis: histomorphometric and molecular studies	Salma Magdy Elhofey	Anatomy Department, Fac. Vet. KFS	2025
27.	The Effect of Cinnamic Acid Hybrid Alone or In Combination With Vonoprazan On Indomethacin-Induced Gastric Ulcer In Adult Albino Rats	Amany ElDesouky	Anatomy Dept, Fac. Med., KFS	2025
28.	Ameliorative effects of propolis extract combined with levothyroxine on propylthiouracil-induced hypothyroidism in rats: Histological and Morphometric study	Esraa Badr Younis	Anatomy Dept, Fac. Med., KFS	2025
29.	Molecular and cytogenetic effects of some natural products on different cancer cells	Salma Mohamed Salam	Genetic Dept, Fac. Agriculture, KFS Univ	2020
30.	Therapeutic Effects of Panax Ginseng on Sperm Function in Asthenozoospermia: An Ultrastructural and Molecular	Aasha Mohamed Rizk	Anatomy Dept, Fac. Med., KFS	2023

	Investigation			
31.	Morphological and Histoimmunological Studies on the Effect of Certain Natural Products on Diabetic Nephropathy in Rats	Marim Mohamed Ward	Anatomy Dept, Fac. Med., KFS	2024
32.	Hepatoprotective effect of dandelion (Taraxacum officinale) flower extract on fluvastatin-induced hepatitis in rats	Baraa Basyouni Elhares	Biotechnology Dept, Fac. of Science, Cairo Univ.	2025

B) PhD

	Title	Student	College	Register/ Honored
1.	Identification of molecular markers associated with fertility traits in buffalo-cows	Hadeel Samy Abbas	Animal Production Dept, Fac. Vet. Med., Benha Univ.	2014
2.	Effect of internal proviruses on growth traits in chicken	Seham Mohamed El-Kassas	Development of Animal Wealth Dept, Fac. Vet. Med., KFS	2015
3.	Molecular and cytological studies on the effect of some bioagents on cotton worm	Suzan Mohamed Badr	Biology Dept, Fac. of Science, Ein Shams Univ.	2016
4.	Increase meat production of Egyptian chickens through inhibition of Myostatin activity	Maha Mamdoh Abd-ElGawad	Physiology Dept, Fac. Vet. Med. Benha Univ	2017
5.	In vitro production of double muscled transgenic Egyptian buffalo	Amany Mansour Ghonem	Biochemistry Dept, Fac. Vet. Med., KFS	2018
6.	In vitro fertilization in Egyptian buffaloes	Yasmin Magdy Ali	Anatomy Dept, Fac. Vet. Med., Benha Univ	2018
7.	Biochemical and Molecular Approaches to increase disease resistance in Nile tilapia	Fatma Samir AbdElRazik	Biochemistry Dept, Fac. Vet. Med., Benha Univ.	2018
8.	Drug interactions of antibacterial agents in Nile tilapia infected with Aeromonas	Mohamed Ahmed ElAdawy	Pharmacology Dept, Fac. Vet. Med., KFS	2018
9.	Genetic methods for increasing disease resistance in Nile tilapia	Ghada Abo-Elftouh	Biochemistry Dept, Fac. Science, Port-Said Univ	2019
10.	Preventive and therapeutic role of ginseng against toxicity of silicon dioxide nanoparticles in rats	Raghda Ahmed ElSayed	Biochemistry Dept, Postgraduate Institute, Alex Univ	2019
11.	Comparison between herbal, and mesenchymal stem cells therapies for hepatocellular carcinoma in rat	Yasser Mohamed AbuHarbia	Physiology Dept, Fac. Science, Tanta Univ	2019
12.	Effective role of turmeric and royal jelly against oxidative stress and inflammation associated with hepatitis B disease in mice	Samar Mohamed Eldesouky	Biochemistry Dept, Fac. Science, Tanta Univ	2019
13.	Determination of insulin camel milk exosomes and its effect on diabetes mellitus in rats	Myada AbdElfattah Ali	Biochemistry Dept, Fac. Vet Med, Mansoura Univ	2020
14.	Gene expression of some biological	Marrwa	Chemistry Dept, Fac.	2021

	markers of breast cancer	Elsayed Yossif	Science, Damitta Univ	
15.	Therapeutic effect of camel milk and its exosomes on diabetic nephropathy	Amira Mohamed Shabban	Biotechnology Dept, Postgraduate Inistitute, BeniSweef Univ	2023
16.	Therapeutic potential of bitter taste receptor agonists in the treatment of amyloid beta-induced Alzheimer's disease in rats	Sara Tarek Khalifa	Biochemistry Dept, Fac. Science, Damitta Univ	2023
17.	Enhanced therapeutic effect of a medicinal plant extract on chemically induced hepatocellular carcinoma in rats	Nahla Mohamed Sobhy	Physiology Dept, Fac. of Science, AlAzhr Univ	2024
18.	The effect of chemotherapy and anthocyanin-loaded therapies with targeted nano-delivery systems to fight cancer cells: in vivo and in vitro studies.	Mai Gamal Awad	Zoology Dept, Fac. Science, Ain Shams Univ	2025
19.	Immunotherapeutic improvement of chitosan nanoparticles and camel milk exosomes on Ehrlich's ascites tumor in mice.	Amro Ahmed Twfik	Zoology Dept, Fac. Science, Menoufya Univ	2022