

Curriculum Vitae



Name: Mabrouk Attia Abd Eldaim

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Date of Birth: October 12, 1973

Status: Married, with 3 children

Nationality: Egyptian

Scientific Qualifications:

Certificate& specialty	University	Country	Date
Post-doctoral fellowship, Biomedical Sciences	Kyoto	Japan	February, 2018
Post-doctoral fellowship, Biomedical Sciences	Kyoto	Japan	October, 2013
Ph.D in Biochemistry& Molecular Biology	Hokkaido	Japan	September, 2010
Master of Veterinary Medical Sciences (physiology)	Menoufia,	Egypt	June, 2003
Bachelor of Veterinary Medical Sciences with a rank of very good	Alexandria	Egypt	May, 1997

مجمّل الانتاج العلمى	Scopus Author ID: 57216512805	Google Scholar
Total Citation	1083	1783
H-index	20	25
Highly Cited	27	37

Specialty: Biochemistry and Molecular Biology (official certificates awarded from Graduate School of Veterinary Medicine, Hokkaido University, Japan)

Present title:

- 1. Vice Dean for Postgraduate Affairs**, Faculty of Veterinary Medicine, Menoufia University, Egypt
- 2. Professor of Biochemistry & Molecular Biology**, Department of Biochemistry, Faculty of Veterinary Medicine, Menoufia University, Egypt
- 3. Director of Quality Assurance and Accreditation Unit**, Faculty of Veterinary Medicine, Menoufia University, Egypt
- 4. Examiner for the scientific production to fill the positions of professors and assistant professors, Biochemistry Committee No. 47**

Past jobs:

1. Associate professor of Biochemistry & Molecular Biology, Department of Biochemistry, Faculty of Veterinary Medicine, Menoufia University, Egypt from 7/2/2017 till 30/9/2020.
2. Associate professor of Biochemistry & Molecular Biology Department of Biochemistry, Faculty of Veterinary Medicine, University of Sadat City, Egypt from 28/10/2015 till 6/2/2017.
3. Lecturer of Biochemistry & Molecular Biology, Department of Biochemistry, Faculty of Veterinary Medicine, University of Sadat City, Egypt from 25/10/2010 till 28/10/2015.
4. Assistant lecturer of Physiology, Department of physiology, Faculty of Veterinary Medicine, Minoufia University, Egypt from September, 2003 to October 2010
5. Demonstrator of Physiology Department of physiology, Faculty of Veterinary Medicine, Minoufia University, Egypt from September 1998 to September 2003

Linguistic skills: Mastery of English and Arabic languages as shown in the table:

Language	Reading	Writing	Conversation	Certificates
English	Excellent	Excellent	Excellent	International TOEFL
Arabic	Excellent	Excellent	Excellent	Mother language

List of publications

1. Elashal MH, Abd El-Wahed AA, Mohamed MA, Hamad R, Abd Eldaim MA, Khalifa SAM, Aldahmash B, El-Seedi HR, El-Aarag B. Apilarnil ameliorates Bisphenol A-induced testicular toxicity in adult male rats via improving antioxidant potency and PCNA expression. *Reprod Toxicol.* 2024 Mar 12;125:108570. doi: 10.1016/j.reprotox.2024.108570.
2. Elebishehy A, Ahmed MM, Aldahmash B, Mohamed MA, Shetaia AA, Khalifa SAM, Abd Eldaim MA, El-Seedi HR, Yosri N. Cymbopogon

- schoenanthus (L) extract ameliorates high fat diet-induced obesity and dyslipidemia via reducing expression of lipogenic and thermogenic proteins. *Fitoterapia*. 2024 Mar 11;175:105897. doi: 10.1016/j.fitote.2024.105897.
3. Dina Mahdy Shokry, Magdy Ramadan Badr, Abdel-Aziz Sakr, Ahmed Mohamed Elmesiry, Mohamed Mahmoud Assy, Zaher Rawash, **Mabrouk Attia Abd Eldaim**. Enhancement potential of Moringa Oleifera leaves extract on buffalo bull cryopreserved semen quality and fertilization capacity. *Animal Reproduction Science*, **2024**, 107414 (In press)
 4. Abd Elrahman SF, Ahmed AAS, Abd Elsatar D, Elkady S, Elgendy A, Alnakeeb F, Elmongy EI, Henidi HA, El-Gendy SM, El Sayed IET, El-Gokha AA, **Abd Eldaim MA**. Cytotoxic Potential of Novel Quinoline Derivative: 11-(1,4-Bisaminopropylpiperazinyl)5-methyl-5H-indolo[2,3-b]quinoline against Different Cancer Cell Lines via Activation and Deactivation of the Expression of Some Proteins. *Int J Mol Sci*. **2023** Sep 20;24(18):14336. doi: 10.3390/ijms241814336.
 5. Mohamed MA, El-Mleeh AA, Hamad RT, Abu-Alya IS, El-Hewaity MH, Elbestawy AR, Elbagory AM, Sayed-Ahmed AS, **Abd Eldaim MA**, Elshabrawy OI. Immunostimulant potential of Moringa Oleifera leaves alcoholic extract versus Oregano Essential Oil (OEO) against cyclophosphamide-induced immunosuppression in broilers chicks. *Trop Anim Health Prod*. **2023** May 19;55(3):209.
 6. Nagy ET, Ahmed AAS, Elmongy EI, El-Gendy SM, Elmadbouh I, El Sayed IET, **Abd Eldaim MA**, El-Gokha AA. Design and cytotoxic evaluation via apoptotic and antiproliferative activity for novel 11(4-aminophenylamino) neocryptolepine on hepatocellular and colorectal cancer cells. *Apoptosis*. **2023** 28 (3-4), 653-668.
 7. Ab Mahgoob, A.A.E., Tousson, E., **Abd Eldaim, M.A.** et al. Ameliorative role of chitosan nanoparticles against silver nanoparticle-induced reproductive toxicity in male albino rats. *Environ Sci Pollut Res* (2022). 30 (7), 17374-17383. <https://doi.org/10.1007/s11356-022-23312-1>
 8. Abo-Elsoud, R.A.E.A., Ahmed Mohamed Abdelaziz, S., **Abd Eldaim, M A**, et al. Moringa oleifera alcoholic extract protected stomach from bisphenol A-induced gastric ulcer in rats via its antioxidant and anti-inflammatory activities. *Environ Sci Pollut Res* 29, 68830–68841 (2022). <https://doi.org/10.1007/s11356-022-20543-0>
 9. Abd Elnaby, Y.A., ElSayed, I.E., **Abd Eldaim, M.A.** et al. Anti-inflammatory and antioxidant effect of Moringa oleifera against bisphenol-A-induced hepatotoxicity. *Egypt Liver Journal* 12, 57 (2022). <https://doi.org/10.1186/s43066-022-00219-7>
 10. HAMADA, M., **ABD ELDAIM, M.**, FATHALLA, S. I., AL, N. A., HUMAM, A. E., & ALBRECHT, E. (2022). Meat Safety and Quality of Broiler Chickens Supplemented with Thyme Essential Oil. *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Food Science and Technology*, 79: 41-50.

11. Saleh N, Allam T, Korany RMS, Abdelfattah AM, Omran AM, **Abd Eldaim** MA, Hassan AM, El-Borai NB. Protective and Therapeutic Efficacy of Hesperidin versus Cisplatin against Ehrlich Ascites Carcinoma-Induced Renal Damage in Mice. *Pharmaceuticals*. 2022; 15(3):294. <https://doi.org/10.3390/ph15030294>
12. Darwish WS, Khadr AES, Kamel MAEN, **Abd Eldaim MA**, El Sayed IET, Abdel-Bary HM, Ullah S, Ghareeb DA. Phytochemical Characterization and Evaluation of Biological Activities of Egyptian Carob Pods (*Ceratonia siliqua* L.) Aqueous Extract: In Vitro Study. *Plants*. 2021; 10(12):2626. <https://doi.org/10.3390/plants10122626>
13. Hazzaa SM, **Abd Eldaim MA**, Fouda AA, Mohamed ASER, Soliman MM, Elgizawy EI. Intermittent Fasting Ameliorated High-Fat Diet-Induced Memory Impairment in Rats via Reducing Oxidative Stress and Glial Fibrillary Acidic Protein Expression in Brain. *Nutrients*. 2021; 13(1):10. <https://doi.org/10.3390/nu13010010>
14. **Abd Eldaim, M.A.**, Tousson, E., Soliman, M.M. et al. Grape seed extract ameliorated Ehrlich solid tumor-induced hepatic tissue and DNA damage with reduction of PCNA and P53 protein expression in mice. *Environ Sci Pollut Res* 28, 44226–44238 (2021).
15. **Mabrouk Attia Abd Eldaim**, Eman Ragab Barakat, Mohamed Alkafafy, Samy Ahmed Abd Elaziz. Antioxidant and anti-apoptotic prophylactic effect of silymarin against lead-induced hepatorenal toxicity in rats. *Environmental Science and Pollution Research*, (2021) 28:57997–58006. <https://doi.org/10.1007/s11356-021-14722-8>.
16. Hamada M, **Abd Eldaim MA**, Fathalla SI, Abalkhail A, Behiry AE, Alkafafy M. The Potential Impact of Moringa oleifera for Diminishing the Microbial Contamination and Prolonging the Quality and Shelf-Life of Chilled Meat. *J Pure Appl Microbiol*. 2021;15(2)826-838. doi: 10.22207/JPAM.15.2.37
17. Dina M. Shokry, **Mabrouk Attia Abd Eldaim**, Magdy R. Badr, Hanem K. Khalifa, Sahar H. Orabi, Aziza M. Hassan & Ragab Dohreig (2021) Enhancement impact of Moringa oleifera leaves extract–base extender on cryopreservation and fertilization of Barki ram sperms: comparative study with vitamin E and selenium combination, *Italian Journal of Animal Science*, 20:1, 1175-1186, DOI:10.1080/1828051X.2021.1953411.
18. **Mabrouk Attia Abd Eldaim**, Ehab Tousson, Ibrahim El Tantawy El Sayed, Asmaa Zakaria Abd Elmaksoud, Abdullah A. S. Ahmed. Ameliorative effects of 9-diaminoacridine derivative against Ehrlich ascites carcinoma-induced hepatorenal injury in mice. *Environmental Science and Pollution Research*, 2020; 28, 21835-21850
19. Mai M Eissa, Mohamed M Ahmed, **Mabrouk A Abd Eldaim**, Ahmed A Mousa, Ahmed F Elkirdasy, Mostafa A Mohamed, Sahar H Orabi. Chlorella vulgaris ameliorates sodium nitrite-induced hepatotoxicity in rats. *Environmental Science and Pollution*, 2020; 28, 9731-9741. Research <https://doi.org/10.1007/s11356-020-11474-9>

20. Mai M. Eissa, Mohamed M. Ahmed, **Mabrouk A. Abd Eldaim**, Sahar H. Orabi, Hamed T. Elbaz, Mostafa A. Mohamed, Ahmed E. Elweza, Ahmed A. Mousa. Methanolic extract of *Chlorella vulgaris* protects against sodium nitrite-induced reproductive toxicity in male rats. **Andrologia**. 2020;00:e13811. <https://doi.org/10.1111/and.13811>
21. Ahmed Shaaban Abd Elrasoul, Ahmed Abdelmoniem Mousa, Sahar Hassan Orabi, Mostafa Abd El-Gaber Mohamed, Shaban M Gad-Allah, Rafa Almeer, Mohamed M Abdel-Daim, Shaden AM Khalifa, Hesham R El-Seedi, **Mabrouk Attia Abd Eldaim**. 2020. Antioxidant, Anti-Inflammatory, and Anti-Apoptotic Effects of *Azolla pinnata* Ethanolic Extract against Lead-Induced Hepatotoxicity in Rats. **Antioxidants** 2020, 9(10), 1014; <https://doi.org/10.3390/antiox9101014>
22. **Mabrouk A Abd Eldaim**, Kangning Zhao, Masaru Murakami, Hidetugu Yoshioka, Erina Itoyama, Shoko Kitamura, Hiroshi Nagase, Tohru Matsui, Masayuki Funaba. 2020. Regulatory expression of uncoupling protein 1 and its related genes by endogenous activity of the transforming growth factor- β family in bovine myogenic cells. **Cell Biochemistry and Function**. 2020;1–10. DOI: 10.1002/cbf.3592.
23. **Mabrouk Attia Abd Abd Eldaim**, Amira Shehata Abd El Latif, Azza Hassan, Nermeen Borai El-Borai. 2020. Ginseng attenuates fipronil-induced hepatorenal toxicity via its antioxidant, anti-apoptotic, and anti-inflammatory activities in rats. **Environmental Science and Pollution Research**, 2020; 27:45017-45008 <https://doi.org/10.1007/s11356-020-10306-0>.
24. Dina M. Shokry; Magdy R. Badr; Sahar H. Orabi; Hanem K. Khalifa, Hesham R. El-Seedi, **Mabrouk A. Abd Eldaim**. Moringa oleifera leaves extract enhances fresh and cryopreserved semen characters of Barki rams. **Theriogenology**, 2020; 153:133-142.
25. Badr E. El Bialy, Ragaa A, Hamouda, **Mabrouk A. Abd Eldaim**, Salah S. El Ballal, Hanim S. Heikal, Hanem K. Khalifa, Wael N. Hozzein. Comparative toxicological effects of biologically and chemically synthesized copper oxide nanoparticles on mice. **International Journal of Nanomedicine**: 2020;15: 3827–3842.
26. Suzan M Hazzaa, Seham Ahmed Mohamed Abdelaziz, **Mabrouk A Abd Eldaim**, Mohamed M. Abdel-Daim * and Ghada E Elgarawany. Neuroprotective Potential of *Allium sativum* Against Monosodium Glutamate-Induced Excitotoxicity: Impact on Short-term Memory, Gliosis, and Oxidative Stress. **Nutrients**, 2020;12 (4). pii: E1028. doi: 10.3390/nu12041028
27. Suzan M Hazzaa, Eman S El-Roghy, **Mabrouk A Abd Eldaim**, Ghada E Elgarawany. Monosodium glutamate induces cardiac toxicity via oxidative stress, fibrosis, and P53 proapoptotic protein expression in rats. **Environmental Science and Pollution Research**, 2020; 27:20014–20024. doi.org/10.1007/s11356-020-08436-6
28. Sahar H Orabi, Eman SH Al-Sabbagh, Hanem K Khalifa, Mostafa Abd El-Gaber Mohamed, Mostafa Elhamouly, Shaban M Gad-Allah, Mohamed M Abdel-Daim, **Mabrouk A Abd Eldaim**. Commiphora

- myrrha Resin Alcoholic Extract Ameliorates High Fat Diet Induced Obesity via Regulation of UCP1 and Adiponectin Proteins Expression in Rats. **Nutrients**, 2020; 12 (3): 803.
29. Orabi SH, Abd Eldaium D, Hassan A, Sabagh HSE, **Mabrouk A Abd Eldaim**. Allicin modulates diclofenac sodium induced hepatonephro toxicity in rats via reducing oxidative stress and caspase 3 protein expression. **Environmental Toxicology and Pharmacology**, 2020 Feb; 74:103306
 30. Mohammed S. Aleissa, Saad Alkahtani, **Mabrouk Attia Abd Eldaim**, Ali Meawad Ahmed, Simona Bungan, Bader Almutairi, May Bin-Jumah, Abdullah A. AlKahtane, Mohamed S. Alyousif, and Mohamed M. Abdel-Daim. Fucoidan Ameliorates Oxidative Stress, Inflammation, DNA Damage, and Hepatorenal Injuries in Diabetic Rats Intoxicated with Aflatoxin B1. **Oxidative Medicine and Cellular Longevity**, 2020; Volume 2020, Article ID 9316751, 10 pages. <https://doi.org/10.1155/2020/9316751>
 31. Ahmed Abdelmoniem Mousa, Hala Ali Ibrahim El-Gansh, **Mabrouk Attia Abd Eldaim**, Mostafa Abd El-Gaber Mohamed, Azza Hassan , Hesham Saad El Sabagh. Protective effect of Moringa oleifera leaves ethanolic extract against thioacetamide induced hepatotoxicity in rats via modulation of cellular antioxidant, apoptotic and inflammatory markers. **Environmental Science and pollution research**, 2020. 26 (31):32488-32504.
 32. Mousa AA, Roche DB, Terkawi MA, Kameyama K, Kamyngkird K, Vudriko P, Salama A, Cao S, Orabi S, Khalifa H, Ahmed M, **Mabrouk A Abd Eldaim**, Elkirdasy A, Nishikawa Y, Xuan X, Cornillot E. Human babesiosis: Indication of a molecular mimicry between thrombospondin domains from a novel Babesia microti BmP53 protein and host platelets molecules. **PLoS One**. 2017 Oct 17; 12(10):e0185372
 33. **Mabrouk Attia Abd Eldaim**, Ehab Toussonb, Ibrahim El Tantawy El Sayed Abd El-Aleim H. Abd El-Aleimc, Hebatalla Nashaat Elsharkawy Grape seeds proanthocyanidin extract ameliorates Ehrlich solid tumor induced renal tissue and DNA damage in mice. **Biomedicine & Pharmacotherapy**. 2019; 115:108908 .
 34. **Abd Eldaim MA**, Tousson E, El Sayed IET, Awd WM. 2018. Ameliorative effects of Saussurea lappa root aqueous extract against Ethephon-induced reproductive toxicity in male rats. **Environmental Toxicology**. 2019;34:150–159.
 35. **Mabrouk Attia Abd Eldaim**, Fatma Mohamed Ibrahim, Sahar H. Orabi, Azza Hassan Morsi, Hesham Saad ElSabbagh. 2018. L-Carnitine induced amelioration of HFD induced hepatic dysfunction is accompanied by a reduction in hepatic TNF- α and TGF β -1. **Biochem. Cell Biol**. 2018. 96: 713–725..
 36. **Mabrouk Attia Abd Eldaim**, Shinya Matsuoka, Yuko Okamatsu-Ogura Akihiro Kamikawa, Mohamed Mohamed Ahmed, Akira Terao, Kei-ichi Nakajima, and Kazuhiro Kimura. Retinoic acid modulates lipid accumulation glucose concentration-dependently through inverse

- regulation of SREBP-1 expression in 3T3L1 adipocytes. **Genes to cells**, **2017**, 22:568–582
37. Badr E. S. El-Bialy, **Mabrouk A. Abd Eldaim**, Azza Hassan, Mohamed M. Abdel-Daim. Ginseng aqueous extract ameliorates lambda-cyhalothrinacetamiprid insecticide mixture for hepatorenal toxicity in rats: Role of oxidative stress-mediated proinflammatory and proapoptotic protein expressions. **Environmental Toxicology**. **2020**;35: 124–135.
 38. Tomoki Ito, Daisuke Yamaji, Akihiro Kamikawa, **Mabrouk Attia Abd Eldaim**, Yuko Okamatsu-Ogura, Akira Terao, Masayuki Saito and Kazuhiro Kimura. 2017. Progesterone dose-dependently modulates hepatocyte growth factor production in 3T3-L1 mouse preadipocytes. **Endocrine Journal**, **2017**, 64: (8):777-785
 39. **Mabrouk Attia Abd Eldaim**, Ahmed Shaban Abd Elrasoul, Samy Ahmed Abd Elaziz .(2017). Moringa oleifera Leaves Aqueous Extract Ameliorates Hepatotoxicity in Alloxan- Induced Diabetic Rats. **Biochemistry and Cell Biology**, **2018** Dec; 96(6):713-725.
 40. **Mabrouk A Abd Eldaim**, O. Hashimoto, H. Ohtsuki, T. Yamada, M. Murakami, K. Onda, R. Sato, Y. Kanamori, Y. Qiao, S. Tomonaga, T. Matsui, and M. Funaba. Expression of uncoupling protein 1 in bovine muscle cells. **Journal of Animal Science**, **2016**, 94:1–8
 41. Mohamed M. Abdel-Daim, Yasser S. El-Sayed, **Mabrouk A Abd Eldaim**, Abdelazim Ibrahim. Nephroprotective efficacy of ceftriaxone against cisplatin-induced subchronic renal fibrosis in rats. **Naunyn-Schmiedeberg's Arch Pharmacol**. **2017**, 390:301–309.
 42. **Mabrouk A. Abd Eldaim**, Khalid M. Gaafar, Ragab A. Darwish, Hamada, D. Mahboub, Mohamed A. Helal. 2015: Parturition vitamin A supplementation enhances goat doe health status and kid viability and performance. **Small Ruminant Research**, **129 (2015)** 6–10.
 43. Abdelazim Ibrahim, **Mabrouk A Abd Eldaim**, Mohamed Abdel-Daim. Nephroprotective effect of bee honey and royal jelly against subchronic cisplatin toxicity in rats. **Cytotechnology**, **2014**, DOI 10.1007/s10616-015-9860-2
 44. Abdel-Daim M M, **Mabrouk A Abd Eldaim**, Hassan, AG. 2014. Trigonella foenum-graecum ameliorates acrylamide-induced toxicity in rats: Role of oxidative stress, proinflammatory cytokines and DNA damage. **Biochem Cell Biol**. **2014**, 1:1-7.
 45. Abd El Latif A, El Bialy BS, Mahboub HD, **Mabrouk A Abd Eldaim**. Moringa oleifera leaf extract ameliorates alloxan-induced diabetes in rats by regeneration of β cells and reduction of pyruvate carboxylase expression. **Biochem Cell Biol**. **2014** Oct; 92(5):413-9.
 46. Abdel-Daim MM, **Mabrouk A Abd Eldaim**, Mahmoud MM.: Trigonella foenum-graecum protection against deltamethrin-induced toxic effects on haematological, biochemical, and oxidative stress parameters in rats. **Can J Physiol Pharmacol**. **2014** Aug; 92(8):679-85.
 47. Kanamori Y, Yamada T, Asano H, Kida R, Qiao Y, **Mabrouk A Abd Eldaim** MA, Tomonaga S, Matsui T, Funaba M.: Effects of vitamin A status on expression of ucp1 and brown/beige adipocyte-related genes in

white adipose tissues of beef cattle. **J Vet Med Sci.** 2014 Oct 1;76 (9):1261

48. Ahmed Abdelmoniem Mousa, Shinuo Cao, Gabriel Oluga Aboge, Mohamad Alaa Terkawi, Ahmed El Kirdasy, Akram Salama, **Mabrouk A Abd Eldaim**, Mahmoud Aboulaila, Mo Zhou, Ketsarin Kamyngkird, Paul Franck Adjou Moumouni, Tatsunori Masatani, Sami Ahmed Abd El Aziz, Waheed Mohammed Moussa, Bayin Chaha, Shinya Fukumoto, Yoshifumi Nishikawa, Salah Sayed El Ballal, Xuenan Xuan. Molecular characterization and antigenic properties of a novel Babesia gibsoni glutamic acid-rich protein (BgGARP). **Experimental Parasitology**, 2013, 135: 414-420, 2013
49. **Mabrouk A Abd Eldaim**, Kamikawa A, Soliman M M, Ahmed M M, Okamoto-Ogura Y, Terao A, Miyamoto T, Kimura K. Retinol binding protein 4 in dairy cows: its presence in colostrum and alteration in plasma during fasting, inflammation, and the peripartum period. **J Dairy Res.** 2010, 77(1):27-32..
50. **Mabrouk A Abd Eldaim**, Okamoto-Ogura Y, Kimura K. Effects of retinoic acid and hydrogen peroxide on sterol regulatory element binding protein-1a activation during adipogenic differentiation of 3T3-L1 cells. **Jpn. J. Vet. Res.** 2010, 58, 149-154..
51. Ahmed M, Shaban Z, Yamaji D, Okamoto-Ogura Y, Soliman M, **Mabrouk A Abd Eldaim**, Ishioka K, Makondo K, Saito M, and Kimura K. Induction of proinflammatory cytokine and caspase-1 by leptin in monocytes/macrophages from Holstein cows. **J. Vet. Med. Sci.** 2007.; 69:509- 514.
52. **Mabrouk A Abd Eldaim**, Wael Abdel-Razek², Ali Elhadad³, Hala H El Sayed⁴ and Ibrahim T El Sayed. Vitamin A reduced blood glucose level in type 2 diabetic patients possibly through reducing serum resistin and LDL cholesterol concentrations. **Global Journal of Biochemistry and Biotechnology Research**, 2016, 1(1): 1-7..
53. **Mabrouk A Abd Eldaim**. A novel regulatory role of retinoid in lipid metabolism in mammalian cells. **Japanese Journal of Veterinary Research**, 2010, 58, 190-192-.
54. DM Shokry, M .Badr, **MA Abd Eldaim**, O Hassan, H Kamal. Effect of Withdrawal Time of Combined Vitamin E and Selenium Toxicity on The Reproductive Character of Barki Rams. **Journal of Current Veterinary Research** 2 (2), 1-9.
55. OI Elshabrawy, MM Ahmed, **MA Abdel El Deim**, SH Orabi, IS Abu-Alya.(2022) Enhancement Effect of Moringa olifera leaves Alcoholic Extract on Broiler Chicks' Performance. **Journal of Current Veterinary Research** 4 (1), 142-155.
56. Omnia Ibrahim elshabrawy email; Mohamed Mohamed Ahmed; **Mabrouk Attia Abdel El Deim**; Sahar Orabi; Ibrahim Said Abu-Alya; Hanem ElBasuni. (2022). Enhancement effect of Spirulina platensis extract on broiler chicks' growth performance and immunity. **Journal of Current Veterinary Research** 4 (1), 156-167

57. **Mabrouk A Abd Eldaim** and EL- Sabagh M. R. Regulation of retinol binding protein 4 expression and its relation to adipogenesis in bovine dipocytes. **American Journal of Biochemistry and Biotechnology, 2012**, 8 (3), 164-171.
58. Sahar H. Orabi, **Mabrouk A Abd Eldaim**, Sherif M. Shawky, Anis Zaid. Wheat Germ Oil Ameliorates Sucrose Induced Hepatosteatosis and Dyslipidemia through Controlling Lipogenic and Cholestrogenic Genes Expression in Rats. **International Journal of Agriculture Innovations and Research, 2016**, 4: 2319-1473..
59. EL- Sabagh M. R, **Mabrouk A Abd Eldaim**, Hamada D. M and Abd Eldaim M.M. Enhancement effect of spirullina on growth performance and antioxidant activity of lambs. **Journal of Agricultural Science, 2014**, 6, No 3.
60. Said M. Afify1, Ashraf A. Tabll, Ashraf Y. Elfert, **Mabrouk A Abd Eldaim**, Samah Elghalban1, Salah M. El-Kousy.2016. Serum Ferritin and Transferrin as Biomarkers for Liver Fibrosis Appreciated using Transient Hepatic Elastography (TE) by Fibro Scan in Egyptian Patients with Chronic Hepatitis C Virus. **Pharm. Sci. Rev. Res.,2016**, 37: 57-63
61. Ahmed H. H., Essawy G. S., Salem H. A., **Mabrouk A Abd Eldaim**. Effect of melatonin on some Hematological parameters and immune status of Broiler chicks. **Journal of Agriculture Science, 2011**, 3: 243-254..
62. Ahmed H. H., Essawy G. S., Salem H. A., **Mabrouk A Abd Eldaim**. Effect of melatonin on productive performance and some biochemical parameters in Broiler chicks. **Egyptian Journal of Basic and Applied Physiology, 2006**, 6: 4-8..
63. Hamada D.H. Mahboub, Ragab A. Darwish, **Mabrouk A Abd Eldaim**, S. Z. El-Kholya, Said I. Fathalla and T.A.M. Ashmawy. Fish oil and seleniumvitamin E supplementation of Egyptian sheep and its Finnish Landrace crossbred during late pregnancy: Ewe response. **Menoufiya Veterinary Journal, 2012**, 1, 147- 158..
64. **MABROUK A. ABD ELDAIM**; SAMEH. G.A. RAMADAN; MABROUK ELSABAGH and HAMADA D.H. MAHBOUB. IMPACT OF SPIRULINA PLATENSIS ALGAE AND VITAMIN A SUPPLEMENTATION TO LATE PREGNANT EWES ON THEIR LAMB'S SURVIVABILITY AND PERFORMANCE. **Assiut Vet. Med. J. 2018**, Vol. 64 No. 159 October 2018, 144-153.
65. Hamada Dahy Mahboub, Mohamed Atif Helal, **Mabrouk A Abd Eldaim**, Emad Mahmoud Abd El-Razek, Ahmed Mahmoud Elsify. Seroprevalence of abortion causing agents in egyptian sheep and goat breeds and their effects on the animal's performance. **Journal of Agricultural Science, 2013**, 5, 92.
66. Hanem Basiony Eman Al-Sabbagh , Shaaban M. Gadallah, **Mabrouk A Abd-Eldaim**, Sahar Orabi. Ameliorative Effect of Commiphora Myrrha Against Oxidative Stress Induced by High Fat Diet in Rats. **Journal of Current Veterinary Research, 2020, 2, 1**.

67. Ahmed Abd Elrasoul, Ahmed Mousa, Sahar Orabi, Shaaban Gadallah, **Mabrouk A Abd Eldaim**. Ameliorative Effect of Azolla Pinnata Ethanolic Extract on Ranitidine-Induced Hepatotoxicity in Rats. . **Journal of Current Veterinary Research, 2020, 2, 2.**
68. SI Fathalla, HDH Mahboub, RA Darwish, **Mabrouk A Abd Eldaim**, E-KSZ El-Kholya, ATAM Ashmawy Fish oil and selenium-vitamin E supplementation of Egyptian sheep and its Finnish Landrace crossbred during late pregnancy: 1. Ewe response. **Микроэлементы в медицине, 2013, 14, 86a-86a.**
69. Shinya Matsuoka, Jussiaea Valente, Bariuan Shohei Nakagiri, **Mabrouk A Abd Eldaim**, Yuko Okamatsu-Ogura, Kazuhiro Kimura. Chapter 15 - Linking pathways and processes: Retinoic acid and glucose. **Molecular Nutrition: Carbohydrates. 2019, Pages 247-264**

List of projects:

- Co-PI of Egyptian japan Joint Project Design and Synthesis of Novel Alkaloids with Natural Origin as Anticancer Agents 2019
- Continuous Improvement and Qualifying for Accreditation Project (CIQAP).
- Organizer of scientific research and faculty staff activities of the quality assurance unit – Faculty of Veterinary Medicine- University of Sadat City
- Member of scientific tem of the project of "studies on the causes of mortalities in newly born lambs and goats" No 726 supported from STD
- Technical manager of the project of improvement of the central lab of chemical analysis and blood research for accreditation supported from the ministry of higher education.

Associate Editor of Menoufia Veterinary Medical Journal

Professional memberships

1. A member of Japan Society for the Promotion of Science (JSPS)
2. Member of Egyptian Society of Veterinary Medical association, Cairo, Egypt.
3. Member of Egyptian Society of Physiology, Cairo, Egypt.
4. Member of Japanese Society of Veterinary Medical association, Tokyo, Japan.

Reviewer at the following journals:

- Journal of environmental science and pollution research
2. Environmental toxicology

3. Journal of Hepatocellular Carcinoma
4. Drug and chemical toxicology
5. Ethnopharmacology
5. Evidence-Based Complementary and Alternative Medicine
1. Journal of toxicology and applied pharmacology
2. African Journal of Biotechnology
3. International Journal of Pharmacy
4. Iranian Journal of Veterinary Research
5. The Journal of Biosciences and Medicines (JBM)
6. Journal of Applied Life Sciences International
7. American Journal of pharmacology and pharmacy
8. International Research Journal of Pharmacy and Pharmacology
9. Toxicology and Allied Clinical Pharmacology

Mastering of the following Molecular Biology & Biotechnology techniques:

- SDS-PAGE and Western blot analysis
- RT-PCR, and real-time PCR
- Gene cloning and sequencing:
- ELISA
- Northern blot analysis
- Luciferase assay
- Good experience in the Preparation of primary cell culture from adipose tissue
- Good experience in the differentiation of mammalian adipocytes
- Cell culture skills
- Good experience in the research area of cell signaling
- Down-regulation of genes expression in mammalian cells by using siRN.
- Up-regulation of genes expression in mammalian cells by using cDNA of the corresponding genes

Courses have been taught to under-graduate students and postgraduate (diploma, Master and Ph.D. students):

I. Molecular biology

- a) Nucleic acids: structure and function
- b) DNA replication and repair
- c) RNA synthesis and splicing
- d) Protein synthesis and targeting
- e) Control of gene expression
- f) Molecular cloning and gene sequencing
- g) Biotechnology and Microbial Biochemistry

h) Molecular Biology techniques

- SDS-PAGE
- Western blot analysis
- RT-PCR, and real-time PCR
- Gene cloning and sequencing

- Northern blot analysis
- ELISA

II. Biochemistry

- Carbohydrate Chemistry
- Protein Chemistry
- Lipid Chemistry
- Enzyme Chemistry
- Hormone Chemistry and signal transduction
- Vitamin Chemistry
- Carbohydrate metabolism
- Biological oxidation
- Protein metabolism
- Lipid metabolism
- Mineral metabolism
- Biochemistry of tissues body fluids
- Clinical Biochemistry

Professional activities:

List of international conferences:

1. **SCON International Conference about Food Science, Nutrition and Public Health. Singapore, June 27-28, 2019.** "Grape seed proanthocyanidins extract protected hepatic tissue and DNA damage in Ehrlich solid tumor bearing mice with reduced PCNA and P53 expression." **Mabrouk Attia Abd Eldaim**, Ehab Toussonb, Ibrahim El Tantawy El Sayed Abd El-Aleim H. Abd El-Aleimc, Hebatalla Nashaat Elsharkawy.
2. **Organizer, coordinator and presenter** (*abstract and oral presentation*): at The 1st Egypt-Japan International Symposium on Science and Technology. Tokyo, Japan, June 8~10, 2008, "Expression and function of retinol binding protein 4 (RBP4) in bovine adipocytes" **Mabrouk Attia Abd Eldaim**, Kazuhiro KIMURA.
3. (*abstract and oral presentation*): at the 147th annual meeting for Japanese Society of Veterinary Science April 2009 at Utsunomiya University, Japan "Quantification of retinol binding protein 4 (RBP4) levels in plasma and milk and its relation to retinol concentration in cows. **Mabrouk Attia Abd Eldaim** and Kazuhiro KIMURA"
4. (*abstract and oral presentation*) at: the 148th annual meeting of Japanese Society of Veterinary Science, September 2009 at Tottori University, Japan "Effects of retinoic acid on lipid accumulation in bovine and mouse adipocytes are inverted dependently on glucose concentration in the cultures. **Mabrouk Attia Abd Eldaim** and Kazuhiro KIMURA".

List of national conferences:

1- 1st annual conference of Faculty of Veterinary Medicine, Minoufia University, Egypt, April 2000.

- 2- 2nd annual conference of Faculty of Veterinary Medicine, Minoufia University, Egypt, April 2002.
- 3- 1st scientific conference of the society of physiological sciences and their applications August 2003.
- 4- 3rd annual conference of Faculty of Veterinary Medicine, Minoufia University, Egypt, April 2004.
- 5- 4th annual conference of Faculty of Veterinary Medicine, Minoufia University, Egypt, April 2006.
- 6- 7th scientific conference of the society of physiological sciences and their applications October 2010.
- 7-7th annual conference of Faculty of Veterinary Medicine, Minoufia University, Egypt, April 2012.
8. 4th International Conference of Egyptian Committee for Pure and Applied Chemistry (ICPAC23) Chemistry Research and Global Challenges 4-7 October, 2023 – Marsa Allam, Egypt

Skills and experience

- **Computer Skills**
- **Very good computer skills**
- **Mastering of the following programs:**
- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Microsoft Access
- Photoshop
- Cricket Graph
- Canvas8
- Scion image
- Adobe illustrator
- StatView (statistical program)
- SPSS (statistical program)
- GENETX-MAC 10.1 (Molecular biology program)
- Amplify 1.2(Molecular biology program)
- OLIGO 4(Molecular biology program)
- Sequencing Analysis(Molecular biology program)

Workshops and Seminars:

- FLDP training in Menoufia University (2004 & 2010).
- University teacher preparation training at Faculty of Education, Menoufia University October, 2003
- The use of the analysis of statistical data to support the decision making training at General Administration Information Center, Menoufia University, 2005

- Effective Presentation Skills training at General Administration Information Center, Menoufia University, 2005
- Structure, preparation and applications of nanomaterials training at medical center, Alexandria University, 2015.
- Workshop about Quality Assurance system, Quality Assurance Unit faculty of Veterinary Medicine, Menoufia University, Egypt (April 25, 2006)
- Workshop about Faculty program, QAU faculty of Veterinary Medicine, Menoufia University, Egypt (May 29, 2006)
- Competitive projects for Excellence in Higher Education Institutions (March, 2014)
- Innovative projects to support the development of practical and professional skills for students (March, 2014)

List prize rewarded:

1. PhD scholarship to Hokkaido University, Japan from the Egyptian Ministry of Higher Education call 2005-2006. (June. 2006 – August 2010).
2. Postdoc mission at Kyoto University, Japan fully funded from the Egyptian Ministry of Higher Education call 2015-2016. (Feb. 2018 – Aug. 2018).
3. Postdoc mission at Kyoto University, Japan fully funded from the Egyptian Ministry of Higher Education call 2012-2013. (Oct. 2013 – Apr. 2014).
4. EJISST2008 Organizer Award from Cultural, Education, and Science Bureau for the leading role in organizing the First Egypt Japan International Symposium of Science and Technology (June, 2008)
5. EJISST2008 Presenter Award from Cultural, Education, and Science Bureau for the leading role in organizing the First Egypt Japan International Symposium of Science and Technology 2008 (Expression and secretion of RBP4 in bovine intramuscular and subcutaneous adipocytes) (June, 2008)
6. University of Sadat City award for international publication, 2014, for: Amira Abd El Latif, Badr El Said El Bialy, Hamada Dahi Mahboub, and **Mabrouk Attia Abd Eldaim**: *Moringa oleifera* leaf extract ameliorates alloxan-induced diabetes in rats by regeneration of β cells and reduction of pyruvate carboxylase expression. *Biochemistry and Cell Biology*; 2014, 92:413-9.
7. University of Sadat City award for international publication, 2014, for: Mohamed M. Abdel-Daim, **Mabrouk A. Abd Eldaim**, and Mohamed M. Mahmoud. *Trigonella foenum-graecum* protection against deltamethrin-induced toxic effects on haematological, biochemical, and oxidative

- stress parameters in rats. *Canadian Journal of Physiology and Pharmacology*; 2014, 92: 679–685.
8. University of Sadat City award for international publication, 2015, for: Mohamed M. Abdel-Daim, **Mabrouk A. Abd Eldaim**, and Abeer G.A. Hassan *Trigonella foenum-graecum* ameliorates acrylamide-induced toxicity in rats: Roles of oxidative stress, proinflammatory cytokines, and DNA damage. *Biochemistry and Cell Biology*; 2015, 93: 192–198.
 9. University of Sadat City award for international publication, 2015, for: Abdelazim Ibrahim, **Mabrouk Abd Eldaim**, and Mohamed Abdel-Daim. Nephroprotective effect of bee honey and royal jelly against Subchronic cisplatin toxicity in rats. *Cytotechnology*; 2015, DOI 10.1007/s10616-015-9860-2.
 10. Menoufia University award for international publication, 2017, for: Mabrouk Attia Abd Eldaim, Ahmed Shaban Abd Elrasoul, Samy Ahmed Abd Elaziz .(2017). *Moringa oleifera* Leaves Aqueous Extract Ameliorates Hepatotoxicity in Alloxan- Induced Diabetic Rats. *Biochemistry and Cell Biology*, 2018 Dec; 96(6):713-725.
 11. Menoufia University award for international publication, 2017, for: Mabrouk Attia Abd Eldaim, Shinya Matsuoka, Yuko Okamoto-Ogura Akihiro Kamikawa, Mohamed Mohamed Ahmed, Akira Terao, Kei-ichi Nakajima, and Kazuhiro Kimura. 2017. Retinoic acid modulates lipid accumulation glucose concentration-dependently through inverse regulation of SREBP-1 expression in 3T3L1 adipocytes. *Genes to cells*, 22:568–582.
 12. Menoufia University award for international publication, 2018, for: Fatma Mohamed Ibrahim, Sahar H. Orabi, Azza Hassan Morsi, Hesham Saad ElSabbagh. 2018. L-Carnitine induced amelioration of HFD induced hepatic dysfunction is accompanied by a reduction in hepatic TNF- α and TGF β -1. *Biochem. Cell Biol.* 96: 713–725. (2018) dx.doi.
 13. Menoufia University award for international publication, 2018, for: Abd Eldaim MA, Tousson E, El Sayed IET, Awd WM. 2018. Ameliorative effects of *Saussurea lappa* root aqueous extract against Ethephon-induced reproductive toxicity in male rats. *Environmental Toxicology*. 2019; 34:150–159.
 14. Menoufia University award for international publication, 2019: Mabrouk Attia Abd Eldaim, Ehab Toussonb, Ibrahim El Tantawy El Sayed Abd El-Aleim H. Abd El-Aleimc, Hebatalla Nashaat Elsharkawy Grape seeds proanthocyanidin extract ameliorates Ehrlich solid tumor induced renal tissue and DNA damage in mice. *Biomedicine & Pharmacotherapy*. 2019; 115:108908.
 15. Menoufia University award for international publication, 2019: Badr E. S. El-Bialy, Mabrouk A. Abd Eldaim, Azza Hassan, Mohamed M. Abdel-Daim. Ginseng aqueous extract ameliorates lambda-cyhalothrin acetamiprid insecticide mixture for hepatorenal toxicity in rats: Role of oxidative stress-mediated proinflammatory and proapoptotic protein expressions. *Environmental Toxicology*. 2020;35: 124–135.

16. Menoufia University award for international publication, 2019: Ahmed Abdelmoniem Mousa, Hala Ali Ibrahim El-Gansh, Mabrouk Attia Abd Eldaim *, Mostafa Abd El-Gaber Mohamed, Azza Hassan , Hesham Saad El Sabagh. Protective effect of Moringa oleifera leaves ethanolic extract against thioacetamide induced hepatotoxicity in rats via modulation of cellular antioxidant, apoptotic and inflammatory markers. Environmental Science and pollution research, 2020. 26 (31):32488-32504.
17. Menoufia University award for international publication, 2020: 7. Mohammed S. Aleissa, Saad Alkahtani, Mabrouk Attia Abd Eldaim, Ali Meawad Ahmed, Simona Bungan, Bader Almutairi, May Bin-Jumah, Abdullah A. AlKahtane, Mohamed S. Alyousif, and Mohamed M. Abdel-Daim. Fucoidan Ameliorates Oxidative Stress, Inflammation, DNA Damage, and Hepatorenal Injuries in Diabetic Rats Intoxicated with Aflatoxin B1. Oxidative Medicine and Cellular Longevity, 2020; Volume 2020, Article ID 9316751, 10 pages.<https://doi.org/10.1155/2020/9316751>
18. Menoufia University award for international publication, 2020: Orabi SH, Abd Eldaium D, Hassan A, Sabagh HSE, Abd Eldaim MA. Allicin modulates diclofenac sodium induced hepatonephro toxicity in rats via reducing oxidative stress and caspase 3 protein expression. Environ. Toxicol Pharmacol. 2020 Feb; 74:103306.

List of Journal in which my research papers were published.

NO	Name of Journal	No. of research papers	Impact factor	Total impact factor	Quartile
1	Pharmaceuticals	1	5.2	5.2	Q1
2	Apoptosis	1	7.2	7.2	Q1
3	International Journal of Molecular Science	1	5.6	5.6	Q1
4	Plants	1	4.5	4.5	Q1
5	International Journal of nanomedicine	1	8	8	Q1
6	Theriogenology	1	2.8	2.8	Q1
7	Antioxidants	1	7	7	Q1
8	Nutrients	3	5.9	17.7	Q1
9	Environmental Science and Pollution research	9	5.8	52.2	Q1
10	Biomedicine and pharmacotherapy	1	7.5	7.5	Q1
11	Environmental toxicology	2	4.5	9	Q1
12	Italian Journal of animal Science	1	2.55	2.55	Q1
13	Journal of Animal Science	1	3.3	3.3	Q1
14	Animal reproduction Science	1	2.2	2.3	Q2
15	Oxidative medicine and cellular longevity	1	7.31	7.31	Q2
16	Environmental Toxicology and pharmacology	1	4.3	4.3	Q2
17	Tropical animal health and production	1	1.7	1.7	Q2
18	Andrologia	1	2.4	2.4	Q2
19	NAUNYN SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY	1	3.6	3.6	Q2
20	PLoS One	1	3.7	3.7	Q2
21	Journal of Dairy Research	1	2.1	2.1	Q2
22	Reproductive Toxicology	1	3.3	3.3	Q2
23	Cell Biochemistry and Function	1	3.6	3.6	Q3
24	Endocrine Journal	1	2	2	Q3
25	Small Ruminant Research	1	1.8	1.8	Q2
26	Genes to Cells	1	2.1	2.1	Q3
27	Biochemistry and Cell Biology	4	2.9	11.6	Q3
28	Experimental Parasitology	1	2.12	2.12	Q3
29	Canadian Journal of Physiology and Pharmacology	1	2.1	2.1	Q3
30	Journal of Veterinary Medical Science	2	1.2	2.4	Q3
31	Cytotechnology	1	2.2	2.2	Q4
32	Japanese Journal of Veterinary Research	1	0.703	0.703	Q4
Total impact factors				191	

REFERENCES:

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2. **Dr. Masayuki Funaba**, of Nutritional Science, Chair of Animal Anatomy, Nutrition and Resources Division of Applied Biosciences, Graduate School of Agriculture Kyoto University, Kyoto, Japan.

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3. **Prof. Tohru Matsui**, Professor of Nutritional Science, Chair of Animal Anatomy, Nutrition and Resources Division of Applied Biosciences, Graduate School of Agriculture Kyoto University, Kyoto, Japan.

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