

Curriculum Vitae

Personal Information

Name Marwa Ibrahim Abd El Hamid Ahmad
Title Professor of Biochemistry and Molecular biology
Date of birth 19/9/1977
Place of birth Cairo
Citizenship Egyptian

Contact Information

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Scopus ID: **18037345300**

Current Address Obour city

Educational Qualifications

Ph. D., Faculty of Veterinary Medicine, Cairo University, 2009
M. Sc., Faculty of Veterinary Medicine, Cairo University, 2006
B. Sc., Faculty of Veterinary Medicine, Cairo University, 2000

Academic Positions

Professor, Biochemistry dept, Faculty of Veterinary Medicine, Cairo University, 2019
Associate professor , Biochemistry dept, Faculty of Veterinary Medicine, Cairo University, 2014
Lecturer, Biochemistry dept, Faculty of Veterinary Medicine, Cairo University, 2009
Assistant Lecturer, Biochemistry dept, Faculty of Veterinary Medicine, Cairo University, 2005
Demonstrator, Biochemistry dept, Faculty of Veterinary Medicine, Cairo University, 2000

Thesis Title

M. Sc. Effect of some oxidative and antioxidative agents on nucleic acid damage and repair of rats.

Ph. D. Characterization of mitochondrial large conductance calcium activated potassium channel (Mito BK Ca) gene in mammalian cardiomyocytes .
(The practical work was done in South Korea at 2006-2007)

Areas of experience

- Molecular biology
- Biochemistry
- Toxicology

Teaching courses:

For the graduate students:

- 1- Molecular biochemistry course (202)
- 2- Metabolism (252)
- 3- Molecular biology (155)

For the post graduates:

1. Advanced molecular biology (BIC 3057)
2. Analytical and separation techniques (BIC 4030)
3. Biochemistry diploma

Awards

1. The best thesis awards Cairo University Issue (III)Academic year 2008- 2009.
2. International publications awards Cairo University 2007.
3. International publications awards Cairo University 2009.
4. International publications awards Cairo University- 2011.
5. International publications awards Cairo University 2012.
6. International publications awards Cairo University 2014
7. International publications awards Cairo University 2015
8. International publications awards Cairo University 2016
9. International publications awards Cairo University 2017
10. International publications awards Cairo University 2018

Professional Qualifications

Conferences

- 1- Participation in the activities of the Fourth Conference of the Association of Scientific Agricultural Chemistry and Environmental Protection, under the slogan:
Environmental Development - risks and solutions, in the period from October 20 to 21, 2010.
- 2- Participation in the activities of the Scientific Conference of the Tenth National Committee of Biochemistry and Molecular Biology under the slogan: **Tenth National Conference of bio-chemistry and molecular biology and their role in development and the environment**, in the period from March 24 to 26, 2013.
- 3- Participation in the activities of the Scientific Conference of the eleventh National Committee of Biochemistry and Molecular Biology under the slogan: **Disease diagnosis and health care**, in the period from March 30 to April 1, 2014.
- 4- Participation in the activities of the Scientific Conference of united science Committee

under the slogan: **New aspects of biotechnology**, on April 4, 2014.

- 5- Participation in the activities of the Scientific Conference of the thirteenth National Committee of Biochemistry and Molecular Biology under the slogan: **Advances in biochemistry and molecular biology in diagnosis and treatment**, in the period from March 23 to 24, 2016.
- 6- Participation in the activities of the third Scientific Conference of united science Committee under the slogan: **Chemistry and environmental health** , in the period from 10 to 14 November, 2016.
- 7- Participation in the activities of the symposium of biochemistry department in NRC under the slogan: **Advances in biochemisty and its applications on 20 December, 2017.**
- 8- Participation in the activities of **The International Nanotechnology Summit held in The British University in Egypt, on March 14, 2018**
- 9- Participation in the activities of the American veterinary medical association in Denever, Colorado , in the period from 13 to 17 **July, 2018**

Training courses & Workshops

1. Participation in the training course for **Application of PCR and hybridization in diagnosis of infectious diseases** from 13- 17 January 2002.
2. Participation in the training course for **Preparation of recombinant vaccines and diagnostic proteins** from 26- 31- January 2002.
3. Participation in the training course for **Advance analytical methods of biochemical parameters, nucleic acids and applications of PCR** from 17- 22 June 2004.
4. Participation in the training course for **How to write & present a scientific paper** in 9- March 2005.
5. Participation in the training course for **Recent analytical methods of biochemical parameters, nucleic acids and applications of PCR** from 16- 21 July 2005.
6. Participation in the training course for **Thinking skills** from 24- 27 July 2005.
7. Participation in the training course for **University teacher preparation** from 19 February to 15 March 2006.
8. Participation in the training course for **Recent trends in teaching** from 14-16 August 2006.
9. Participation in the training course for **Effective communication skills** from 21- 23 August 2006.
10. Participation in the training course for **Code of Ethics** from 4-6 September 2006.
11. Participation in the training course for **Effective Presentation Skills** from 12-14

November 2007.

12. Participation in the training course for **Basic techniques in molecular biology: Gates to better understand biotechnology** from 2-5 July 2012.
13. Participation in the training course for **Basic techniques in molecular biology: Gates to better understand diagnostic lab works** from 9-12 September 2012.
14. Participation in the training course for **Your future in science: writing and publishing a scientific paper** in 23- 4-2013.
15. Participation in the training course for **Introduction to basic techniques in molecular biology for biomedical applications** from 23-25 July 2013.
16. Participation in the training course for **Effective presentation** from 12-13 February 2014.
17. Participation in the training course for **Competing for research funds** from 17-18 February 2014.
18. Participation in the training course for **International publishing of scientific research from** 24-25 February 2014.
19. Participation in the training course for **University management** from 26-27 February 2014.
20. Participation in the training course for **Research Ethics** from 5-6 March 2014
21. Participation in the organizing the training course for **Basic tools for nucleic acid separation and characterization with bioinformatics aspects** from 13-15 January 2015.
22. Participation in the training course for **Students evaluation** from 5-6 April 2017.
23. Participation in the training course for **Global biorisk management curriculum** from 9-12 April 2017.
24. Participation in the training course for **Managing time and meeting** from 26-27 August, 2017.
25. Participation in the workshop for **Application of proteomics in animal sciences and dairy food** on 13 December, 2017.
26. Participation in the training course for **Arabic and English editing in scientific research** from 20-21 December, 2017.
27. Participation in the training course for **Total quality management in healthcare** from 7-8 May, 2018.
28. Participation in the training course for **Credit hour systems** from 17-18 December, 2018.

Professional Memberships

A member of the following scientific associations: -

1. Egyptian Scientific Society for Biochemistry and Molecular Biology.
2. Arab Society for Stem Cell and Molecular Biology.
3. Scientific Society of Physiological Sciences and Applications.

4. T Egyptian Society for Medical applications of genetic engineering and molecular biology.
5. The Egyptian Society for genetic science.

List of publications

1. **Ibrahim, M.A.**, Elbehairy, A.M., Ghoneim, M.A., Amer, H.A. Protective effect of curcumin and chlorophyllin against DNA mutation induced by cyclophosphamide or benzo[a]pyrene. Z Naturforsch C. 2007 Mar-Apr;62(3-4):215-22.
2. Ko, J.H., **Ibrahim, M.A.**, Park, W.S., Ko, E.A., Kim, N., Warda, M., Lim, I., Bang, H., Han, J. Cloning of large-conductance Ca(2+)-activated K(+) channel alpha-subunits in mouse cardiomyocytes. Biochem Biophys Res Commun. 2009 Nov 6;389(1):74-9.
3. Moselhy, W.A., Helmy, N.A., Abdel-Halim, B.R., Nabil, T.M., **Abdel-Hamid, M.I.** Role of ginger against the reproductive toxicity of aluminium chloride in albino male rats. Reprod Domest Anim. 2012 Apr;47(2):335-43. doi: 10.1111/j.1439-0531.2011.01878.x.
4. Khairy, H.M., **Ibrahim, M. A.**, Mai, Ibrahem Phenological and liver antioxidant profiles of adult Nile tilapia (*Oreochromis niloticus*) exposed to toxic live Cyanobacterium (*Microcystis aeruginosa* Kützinger) cells. Z. Naturforsch. 2012; 67 c, 620 – 628.
5. Khalaf, A.A., Moselhy, W.A., **Abdel-Hamed, M.I.** The protective effect of green tea extract on lead induced oxidative and DNA damage on rat brain. Neurotoxicology. 2013;33(3):280-9.
6. MD Ibrahem, HM Khairy, **MA Ibrahim.** Laboratory exposure of *Oreochromis niloticus* to crude microcystins (containing microcystin-LR) extracted from Egyptian locally isolated strain (*Microcystis aeruginosa* Kützinger): biological and biochemical studies (2012). Fish physiology and biochemistry 38 (3), 899-908
7. MD Ibrahem, MF Mohamed, **MA Ibrahim.** The role of *Spirulina platensis* (*Arthrospira platensis*) in growth and immunity of Nile tilapia (*Oreochromis niloticus*) and its resistance to bacterial infection. 2013 Journal of Agricultural Science 5 (6), 109
8. MD Ibrahem and **MA Ibrahim.** The potential effects of *Spirulina platensis* (*Arthrospira platensis*) on tissue protection of Nile tilapia (*Oreochromis niloticus*) through estimation of P53 level Journal of advanced research 2014. 5 (1), 133-136
9. Ibrahem, M.D., Khairy, H.M., **Ibrahim, M.A.** Laboratory exposure of *Oreochromis niloticus* to crude microcystins (containing microcystin-LR) extracted from Egyptian locally isolated strain (*Microcystis aeruginosa* Kützinger): biological and biochemical studies. Fish Physiol Biochem. 2012 Jun;38(3):899-908.
10. **Ibrahim, M.A.**, Khalaf, A.A., Galal, M.K. Ogaly, H.A. Protective effects of zinc as antioxidant against the genotoxic potential of deltamethrin. International Journal of Molecular Biology. 2014; 5(1):092-096.
11. Kamel, S., **Abdel-Hamid, M.I.**, El-Hindi, H.M.A., Abdel-Aziz S.A. Role of antioxidant on fructose-induced hyperglycaemia. International Journal of Genomics and Proteomics .2014; 5:89-94.
12. MK Galal, AA Khalaf, HA Ogaly, **MA Ibrahim** Vitamin E attenuates neurotoxicity induced by deltamethrin in rats. BMC complementary and alternative medicine. (2014) 14 (1), 458
13. HA Ogaly, AA Khalaf, **MA Ibrahim,** MK Galal, RM Abd-Elsalam Influence of Green Tea

- Extract on Oxidative Damage and Apoptosis Induced by Deltamethrin in Rat Brain. (2015) Neurotoxicology and teratology 50, 23-31
14. ARZ Khalaf, A.A., **Ibrahim, M.A.**, Nour El-houda, Y. H. (2015).Exploitation Of Nano-Selenium Particles And Ionized Selenium For Attenuation The Hepatotoxicity And Nephrotoxicity Induced By Bisphenol A In Male Albino Rats. International Journal Of Molecular Biology (2015) 6 (2), 112-118
 15. **MA Ibrahim**, AA Khalaf, MK Galal, HA Ogaly, AHM Hassan.Ameliorative influence of green tea extract on copper nanoparticle-induced hepatotoxicity in rats.Nanoscale research letters (2015) 10 (1), 363
 16. Aa Khalaf, Br Abdel–Halim, Wa Moselhy, **Ma Ibrahim**. Effect Of Transplacental-Fetal Barrier And Lactational Transfer Of Lead On Prolactin Gene Expression, Dna Fragmentation And Changes In The Brain Of Exposed Mothers And Their Offspring In Albino Rats. Assiut Vet. Med. J. Vol. 61 No. 144 January 2015
 17. AM Yassin, **MIA Hamid**, OA Farid, H Amer, M Warda (2016).Dromedary milk exosomes as mammary transcriptome nano-vehicle: Their isolation, vesicular and phospholipidomic characterizations. Journal of Advanced Research 7 (5), 749-756
 18. AA Khalaf, AR Zaki, MK Galal, HA Ogaly, **MA Ibrahim**, A Hassan. The potential protective effect of α -lipoic acid against nanocopper particle–induced hepatotoxicity in male rats. (2016);Human & experimental toxicology, 0960327116674526
 19. AA Khalaf, **MA Ibrahim**, AF Tohamy, AA Abd Allah, AR Zaki Protective Effect of Vitazinc on Chlorsan Induced Oxidative Stress, Genotoxicity and Histopathological Changes in Testicular Tissues of Male Rats (2017). International Journal of Pharmacology 13 (1), 22-32
 20. AM Morgan, **MA Ibrahim**, PA Noshay.Reproductive toxicity provoked by titanium dioxide nanoparticles and the ameliorative role of Tiron in adult male rats (2017). Biochemical and Biophysical Research Communications 486 (2), 595-600
 21. Abdelaziz, **M., Ibrahim**, M.D., Ibrahim, M.A., Abu-Elala, N.M., Abdel-moneam, D.A.Monitoring of different vibrio species affecting marine fishes in Lake Qarun and Gulf of Suez: Phenotypic and molecular characterization(2017).The Egyptian Journal of Aquatic Research 43 (2), 141-146
 22. Morgan, A., Galal, M.K., Ogaly, H.A.**Ibrahim, M.A.**, Abd-Elsalam, R.M., Noshay, P. Tiron ameliorates oxidative stress and inflammation in titanium dioxide nanoparticles induced nephrotoxicity of male rats (2017). Biomedicine & Pharmacotherapy 93, 779-787
 23. El Nahas, S.M., El kasas, A.H., Abou Mossallem, A.A., **Abdelhamid, M.I.**, Warda, M. A study on IL8RB gene polymorphism as a potential immuno-compromised adherent in exaggeration of parenteral and mammo-crine oxidative stress during mastitis in buffalo (2017).Journal of advanced research 8 (6), 617-625
 24. Morgan, A.M., **Ibrahim, M.A.**, Hussien, A.M.The potential protective role of Akropower against Atrazine-induced humoral immunotoxicity in rabbits Biomedicine &Pharmacotherapy 96, 710-715

25. Afifi, N.A., **Ibrahim, M.A.**, Galal, M.K. Hepatoprotective influence of quercetin and ellagic acid on thioacetamide-induced hepatotoxicity in rats (2018) Canadian journal of physiology and pharmacology 96 (6), 624-629
26. Abdel Aziz, R.L., Abdel-Wahab, A., Abo El-Ela, F.I., Hassan, NEHY, El-Nahass, ES **Ibrahim, M.A.**, Khalil, A.-T.A.Y Dose-dependent ameliorative effects of quercetin and l-Carnitine against atrazine-induced reproductive toxicity in adult male Albino rats (2018). Biomedicine & Pharmacotherapy 102, 855-864.
27. Morgan, A., **Ibrahim, M.A.**, Galal, M.K., Ogaly, H.A., Abd-Elsalam, R.M. Innovative perception on using Tiron to modulate the hepatotoxicity induced by titanium dioxide nanoparticles in male rats (2018). Biomedicine & Pharmacotherapy 103, 553-561
28. Kamel, S., **Ibrahim, M.**, Awad, E.T., El-Hindi, H.M.A., Abdel-Aziz, S.A. Differential expression of CYP2j2 gene and protein in Camelus dromedarius. (2018). Journal of biological regulators and homeostatic agents 32 (6)
29. Kamel, S., **Ibrahim, M.**, Awad, E.T., El-Hindi, H.M.A., Abdel-Aziz, S.A. Molecular cloning and characterization of the novel CYP2J2 in dromedary camels (Camelus dromedarius) (2018). International journal of biological macromolecules 120, 1770-1776
30. Khalaf AA, Ahmed WMS, Moselhy WA, Abdel-Halim BR, **Ibrahim MA** Protective effects of selenium and nano-selenium on bisphenol-induced reproductive toxicity in male rats (2019). Human & experimental toxicology, 0960327118816134
31. Publish the nucleotide sequence of alpha crystalline B gene on the National Center For Biotechnology Information: Warda, M., **Ibrahim, M.**, Warda, A., Radwan, M. (2014). <http://www.ncbi.nlm.nih.gov/nuccore/KJ174932.1>
32. Publish the amino acid sequence of alpha crystalline B gene on the National Center For Biotechnology Information: Warda, M., **Ibrahim, M.**, Warda, A., Radwan, M. (2014). <http://www.ncbi.nlm.nih.gov/protein/AHL21625.1>
33. Publish the amino acid sequence of glyceraldehyde 3 phosphate gene on the National Center For Biotechnology Information: Warda, M., **Ibrahim, M.**, Han, J. (2007). <http://www.ncbi.nlm.nih.gov/protein/ABY50087.1>
34. Publish the nucleotide sequence of glyceraldehyde 3 phosphate gene on the National Center For Biotechnology Information: Warda, M., **Ibrahim, M.**, Han, J. (2007) <http://www.ncbi.nlm.nih.gov/nuccore/EU331417.1>
35. Publish the nucleotide sequence of Camelus dromedarius cytochrome P450 2J2 mRNA, complete cds. on the National Center For Biotechnology Information: Kamel, S., **Ibrahim, M.A.**, Awad, E.T., El-Hindi, H.M. and Abdel-Aziz, S.A. (2018) <https://www.ncbi.nlm.nih.gov/nuccore/MH511989>
36. Publish the amino acid sequence of Camelus dromedarius cytochrome P450 2J2 on the

National Center For Biotechnology Information: Kamel, S., Ibrahim, M.A., Awad, E.T., El-Hindi, H.M. and Abdel-Aziz, S.A.

<https://www.ncbi.nlm.nih.gov/protein/1488079142>.

37. Ghada Ali, Marwa Ibrahim, Said Zaki. Association assessment of single nucleotide polymorphism in Forebrain Embryonic Zinc Finger-Like gene with mastitis susceptibility in Holstein cattle (*Bos taurus*). 2019 Large Animal Review 25 (5), 163-171
38. Ghada Ali, Marwa Ibrahim, Ayman El-Deeb, Hassan Amer, Said Zaki. Pulmonary deregulation of expression of miR-155 and two of its putative target genes; PROS1 and TP53INP1 associated with gold nanoparticles (AuNPs) administration in rat. 2019. International journal of nanomedicine 14, 5569-76
39. Morgan, A.M., Ibrahim, M.A., Hussien, A.M. Glycyrrhizic acid modulates the atrazine-induced apoptosis in rabbit spleen (2019) Environmental Science and Pollution Research, 26 (34), pp. 34924-34930.
40. Helmy Abdou, K.A., Ahmed, R.R., Ibrahim, M.A., Abdel-Gawad, D.R.I. The anti-inflammatory influence of *Cinnamomum burmannii* against multi-walled carbon nanotube-induced liver injury in rats (2019) Environmental Science and Pollution Research, 26 (35), pp. 36063-36072.
41. Khalaf, A.A., Hassanen, E.I., Zaki, A.R., Tohamy, A.F., Ibrahim, M.A. Histopathological, immunohistochemical, and molecular studies for determination of wound age and vitality in rats (2019) International Wound Journal, 16 (6), pp. 1416-1425.
42. El-Din El-Hawary, S.S., El Zalabani, S.M., Selim, N.M., Ibrahim, M.A., Wahba, F.A., El Badawy, S.A., Mahdy, N.E.S., Yasri, A., Sobeh, M. Phenolic constituents of

Chrysophyllum oliviforme L. Leaf down-regulate TGF- β expression and ameliorate CCL4-induced liver fibrosis: Evidence from in vivo and in silico studies(2019) Antioxidants, 8 (12), art. no. 646, .

43. Khalaf, A.A., Ibrahim, M.A., Galal, M.K., Abdallah, A.A., Mansour, R., Afify, M.M. The protective effects of Terminalia laxiflora extract on hepato-nephrotoxicity induced by fipronil in male rats(2020) Environmental Science and Pollution Research, 27 (31), pp. 39507-39515.
44. Khalaf, A.A., Hassanen, E.I., Ibrahim, M.A., Tohamy, A.F., Aboseada, M.A., Hassan, H.M., Zaki, A.R. Rosmarinic acid attenuates chromium-induced hepatic and renal oxidative damage and DNA damage in rats(2020) Journal of Biochemical and Molecular Toxicology, 34 (11), art. no. e22579, .
45. Khamis, G., Hassan, M., Morsy, M., Ibrahim, M.A., Abd-Elsalam, R.M., El Badawy, S.A., Azouz, A.A., Galal, M. Innovative application of helium-neon laser: enhancing the germination of Adansonia digitata and evaluating the hepatoprotective activities in mice(2020) Environmental Science and Pollution Research, 27 (21), pp. 26520-26531.
46. Ibrahim, M.A., Radwan, M.I., Kim, H.K., Han, J., Warda, M. Evaluation of global expression of selected genes as potential candidates for internal normalizing control during transcriptome analysis in dromedary camel (Camelus dromedarius)(2020) Small Ruminant Research, 184, art. no. 106050, .
47. Ibrahim, M.A., Ibrahem, M.D. Acrylamide-induced hematotoxicity, oxidative stress, and DNA damage in liver, kidney, and brain of catfish (Clarias gariepinus)(2020) Environmental Toxicology, 35 (2), pp. 300-308.

48.El Henafy, H.M.A., Ibrahim, M.A., Abd El Aziz, S.A., Gouda, E.M. Oxidative Stress and DNA methylation in male rat pups provoked by the transplacental and translactational exposure to bisphenol A (2020) Environmental Science and Pollution Research, 27 (4), pp. 4513-4519.

49.Ahmed, W.M.S., Helmy, N.A., Ibrahim, M.A., Hassan, H.M., Zaki, A.R.Premna odorata extract as a protective agent on neurotoxic effect of aluminum: neurochemical, molecular, and histopathological alterations(2020) Environmental Science and Pollution Research.6

50.Hassanen, E.I., Morsy, E.A., Hussien, A.M., Ibrahim, M.A., Farroh, K.Y.The effect of different concentrations of gold nanoparticles on growth performance, toxicopathological and immunological parameters of broiler chickens(2020) Bioscience Reports, 40 (3), art. no. BSR20194296 .

Hassanen, E.I., Khalaf, A.-A.A., Zaki, A.R., ...Farroh, K.Y., Azouz, R.A.**Ameliorative effect of ZnO-NPs against bioaggregation and systemic toxicity of lead oxide in some organs of albino rats** .Environmental Science and Pollution Research, 2021, 28(28), pp. 37940–37952

Mesalam, N.M., Aldhumri, S.A., Gabr, S.A., ...Al-Mokaddem, A.K., Abdel-Moneim, A.-M.E.**Putative abrogation impacts of Ajwa seeds on oxidative damage, liver dysfunction and associated complications in rats exposed to carbon tetrachloride**Molecular Biology Reports, 2021, 48(6), pp. 5305–5318

Abdelhady, A.Y., El-Safty, S.A., Hashim, M., ...Elbaz, A.M., Abdel-Moneim, A.-M.E.**Comparative evaluation of single or combined anticoccidials on performance, antioxidant status, immune response, and intestinal architecture of broiler chickens challenged with mixed Eimeria species**Poultry Science, 2021, 100(6), 101162

Galal, M.K., Morgan, A.M., Ibrahim, M.A., Hussien, A.M.**Atrazine-induced cell-**

mediated immunotoxicity in rabbits and the ameliorating role of glycyrrhizic acidEnvironmental Science and Pollution Research, 2021, 28(24), pp. 32027–32034

Ali, S., Hassan, M., Essam, T., Ibrahim, M.A., Al-Amry, K. **Biodegradation of aflatoxin by bacterial species isolated from poultry farms**Toxicon, 2021, 195, pp. 7–16

Emam, S.R., Abd-Elsalam, R.M., Azouz, A.A., ...Issa, M.Y., Elmosalamy, S.H.**Linum usitatissimum seeds oil down-regulates mrna expression for the steroidogenic acute regulatory protein and cyp11a1 genes, ameliorating letrozole-induced polycystic ovarian syndrome in a rat model**Journal of Physiology and Pharmacology, 2021, 72(1)

Khalaf, A.A.A., Elhady, M.A., Hassanen, E.I., ...Noshay, P.A., Azouz, R.A.**Antioxidant Role of Carvacrol Against Hepatotoxicity and Nephrotoxicity Induced by Propiconazole in Rats**Revista Brasileira de Farmacognosia, 2021, 31(1), pp. 67–74

Ahmed, W.M.S., Abdel-Azeem, N.M., Ibrahim, M.A., Helmy, N.A., Radi, A.M.**Neuromodulatory effect of cinnamon oil on behavioural disturbance, CYP1A1, iNOS transcripts and neurochemical alterations induced by deltamethrin in rat brain**Ecotoxicology and Environmental Safety, 2021, 209, 111820

Morgan, A.M., Hassanen, E.I., Ogaly, H.A., ...Ibrahim, M.A., Hussien, A.M.**The ameliorative effect of N-acetylcysteine against penconazole induced neurodegenerative and neuroinflammatory disorders in rats** Journal of Biochemical and Molecular Toxicology, 2021

Reviewer in

1. Nanomedicine
2. Infectious disorders-Drug Targets
3. Human & Experimental Toxicology
4. IET Nanobiotechnology
5. Chemosphere
6. Journal of Biomedical Nanotechnology
7. International Journal of Biological Macromolecules
8. Data in Brief
9. Archives Animal Breeding
10. Current Medicinal Chemistry
11. Biofactors
12. Environmental Science and Pollution Research
13. Journal of Taibah University Medical Sciences
14. Bioinformatics Group Report