



Heba Muhammed Ali Khalil, Ph. D

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<p>Contact Information</p>	<ol style="list-style-type: none"> 1. Telephone No: 0201013666331. 2. Email Address: heba.ali@cu.edu.eg, heba.ali315@gmail.com 3. Marital Status: married 4. Present occupation: Lecturer, since June 2018 5. Field specialization: Animal, Poultry Behaviour and Management, Laboratory Animal Science, Animal Models, Stress and related disorders. 6. Work address: Department of Veterinary Hygiene and Management, Faculty of Veterinary Medicine, Cairo University, Giza-12211, Egypt. 7. ORCID: 0000-0001-6008-2157 8. H- index: 4 9. Research gate link: https://www.researchgate.net/profile/Heba-Khalil-4
<p>Education</p>	<ol style="list-style-type: none"> 1. Bachelor of veterinary medicine science, Faculty of Veterinary medicine - Cairo University, Egypt [Degree 78.3% (Magna cum laude), Rank: Top 10 out of 1000 students]. Graduation year: 2009 2. M.Sc. in Animal and Poultry Management and Behaviour, Topic: " Study on the effect of some stressors and management practices on performance and welfare of Rats and Mice." Degree: (Excellent). Graduation year: 2014. 3. Ph.D. in Veterinary Medicine Science, Cairo University, Egypt. Topic: " Mice as a Model of Human Being in Studying Mood Disorders (Anxiety and Depression)" Degree: (Excellent). Graduation year: 2018
<p>Professional Positions</p>	<ol style="list-style-type: none"> 1. June/2018 – Present: Lecturer at Department of Veterinary hygiene and management, Faculty of Veterinary Medicine, Cairo University. 2. June /2017-present: Head of Laboratory Animal Unit at Department of Veterinary hygiene and management, Faculty of Veterinary Medicine, Cairo University. 3. April/2014 –April/2018: Assistant Lecturer at Department of Veterinary hygiene and management, Faculty of Veterinary Medicine, Cairo University. 4. April/2010 – March/2014: Demonstrator at Department of Animal and Poultry Management and Behaviour, Faculty of Veterinary Medicine, Cairo University. 5. February/2009-April/2010: Medical Representative at Delta Pharma company, Egypt (Best Achiever).
<p>Academic Experience</p>	<ul style="list-style-type: none"> • Field of interest: Behavioural neuroscience, Cancer research, Animal Models, Behavioural toxicology, and Behavioural pharmacology • List of Publications: <ol style="list-style-type: none"> 1. Khalil, H. M., Abdel Gawad E. M.,& Matoock M. Y (2018). 1-Consequences of unpredictable chronic mild stress (ucms) as a model of depression on the physical and behavioural parameters of male swiss mouse, <i>J. Egypt. Vet. Med. Asso.</i> 78(2): 287-299. 2. Khalil, H. M., Abdel-Gawad, E. M., Matoock, M. Y., & Abd-El-Rabo, M. M. (2018). 2-consequences of unpredictable chronic mild stress (ucms) as a model of depression on the physiological and neurochemical parameters of male swiss mouse., <i>J. Egypt. Vet. Med. Asso.</i> 78(2): 301-308. 3. Khalil, H. M., Salama, H. H., Al-Mokaddem, A. K., Aljuaydi, S. H., & Edris, A. E. (2020). Edible dairy formula fortified with coconut oil for neuroprotection against aluminium chloride-induced Alzheimer's disease in rats. <i>Journal of Functional Foods</i>, 75, 104296. 4. Zaki, S. M., Hussein, G. H. A., Khalil, H. M. A., & Abd Algaleel, W. A. (2021). Febuxostat ameliorates methotrexate-induced lung damage. <i>Folia Morphologica</i>, 80(2), 392-402.

	<p>5. Khalil, H. M., Eliwa, H. A., El-Shiekh, R. A., Al-Mokaddem, A. K., Hassan, M., Tawfek, A. M., & El-Maadawy, W. H. (2021). Ashwagandha (<i>Withania somnifera</i>) root extract attenuates hepatic and cognitive deficits in thioacetamide-induced rat model of hepatic encephalopathy via induction of Nrf2/HO-1 and mitigation of NF-κB/MAPK signaling pathways. <i>Journal of Ethnopharmacology</i>, 277, 114141.</p> <p>6. Abdelatty, A. M., Mandouh, M. I., Al-Mokaddem, A. K., Mansour, H. A., Khalil, H. M. A., Elolimy, A. A., ... & Bionaz, M. (2020). Influence of level of inclusion of Azolla leaf meal on growth performance, meat quality and skeletal muscle p70S6 kinase α abundance in broiler chickens. <i>animal</i>, 14(11), 2423-2432.</p> <p>7. Hamdan, D. I., El-Shiekh, R. A., El-Sayed, M. A., Khalil, H. M., Mousa, M. R., Al-Gendy, A. A., & El-Shazly, A. M. (2020). Phytochemical characterization and anti-inflammatory potential of Egyptian Murcott Mandarin cultivar waste (stem, leaves, and peel). <i>Food & Function</i>, 11(9), 8214-8236.</p> <p>8. Hozyen, H. F., Khalil, H. M., Ghandour, R. A., Al-Mokaddem, A. K., Amer, M. S., & Azouz, R. A. (2020). Nano selenium protects against deltamethrin-induced reproductive toxicity in male rats. <i>Toxicology and Applied Pharmacology</i>, 408, 115274.</p> <p>9. Orabi, Mohamed A.A., Heba M.A. Khalil, Mohamed E. Abouelela, Dalia Zaafar, Yasmine H. Ahmed, Reham A. Naggar, Hamad S. Alyami, El-Shaymaa Abdel-Sattar, Katsuyoshi Matsunami, & Dalia I. Hamdan (2021)"<i>Carissa macrocarpa</i> Leaves Polar Fraction Ameliorates Doxorubicin-Induced Neurotoxicity in Rats via Downregulating the Oxidative Stress and Inflammatory Markers"<i>Pharmaceuticals</i> 14, no. 12: 1305. https://doi.org/10.3390/ph14121305</p> <ul style="list-style-type: none"> • Research projects: Nutrigenomic evaluation of Azolla leaf meal or Moringa leaf meal as unconventional feed ingredients in growing rabbit diet (09/2018 – 2020), Registration Code: 266 • Teaching Responsibility: <ol style="list-style-type: none"> 1. Participation in the theoretical and practical teaching of Animal Ethology and Welfare Course (215) for the second-grade students. 2. Participation in the theoretical and practical teaching of Animal Ethology and Welfare Course (225) for the second-grade students. 3. Participation in the theoretical and practical teaching of Animal Ethology and Welfare Course (217) for the second-grade students (Special course). 4. Participation in preparing the theoretical and practical notes of under graduate students. 5. Participation in the training of under graduate students during the summer time. 6. Participation in teaching the practical notes to the post graduate students (Diploma-Master-Ph.D) of Faculty of Veterinary Medicine- Cairo University. • Thesis supervision: Participate in supervising the specialized thesis from planning, implementing the scientific scheme of the post graduate students. <ol style="list-style-type: none"> 1. Student: Nariman Abdel-mohsen, Degree: Master, Subject of research: "Effect of oxytocin on behavioural changes in a VPA-induced rat model of autism: possible interaction between oxytocin and Wnt/b catenin". 2. Student: Menna Ahmad, Degree: Master, Subject of Research: "A new generation of cancer treatment-modifying agents: Potential role and impact on radio- and chemotherapy". 3. Student: Amal Hassan, Degree: Master, Subject of Research: "A Modified And Simplified Behavioural System Associated With Management Procedures For Assessing And Managing The Aggression Level Of Free Roaming Dogs". 4. Student: Mhasen Abdou, Degree: Master, Subject of Research: "Effect of some environmental hazards on the behavioural phenotypes, biochemical, and histopathological profile of the intoxicated rats"
<p>Conferences</p>	<ol style="list-style-type: none"> 1. International conference challenges in poultry industry (Reality and Expectation) 13-15/11/2014, Stella De Mare Hotel, El-Sokhna, Egypt. (participated as organizer) 2. 8th scientific conference " Animal, Poultry and Society Hygiene" (08/2016) 'Cairo- Hurghada

	<ol style="list-style-type: none"> 3. 9th scientific conference " Current state and Future outlook on Animal and Poultry Production in Egypt" (09/2017) 'Cairo-Sharm El-Sheikh. 4. 10th scientific conference " Strategies for animal and poultry production" (08/2019) 'Cairo-Hurghada 5. Attending the second neurobehavioural workshop of physiology department, Faculty of medicine, Suiz canal University, 2019.
Certifications	<ol style="list-style-type: none"> 1. Biostatistics analysis using SPSS, Institute of Statistics, 2. Effective Communication Skills, FLDC, 2010 3. E-Learning, FLDC, 2012 4. Competing for Research Funds, FLDC, 2013 5. Use of Technology in Teaching, FLDC 6. Legal and Financial Aspects in University Environment, FLDC, 2014 7. Quality Standards in the Education Process, FLDC, 2011 8. Exams and Students Evaluation Systems, FLDC, 2014 9. Time Management, Training units, Faculty of Veterinary Medicine, Cairo University, 2012 10. The use Of Laboratory Animals In Experimental Medicine And Research, Medical Technology Center , Alexandria University, 2010 <ul style="list-style-type: none"> • Workshops of quality assurance and accreditation center, Cairo university <ol style="list-style-type: none"> 1- Standards of self-study and the annual report of the educational institutions, 2011 2- Course report and course specifications, 2012 3- Academic standards for the educational programs, 2012 4- Academic Mentorship, 2012
Honors and Awards	<ul style="list-style-type: none"> • Excellence and Scholastic Outstanding Achievement Award Faculty of Veterinary Medicine, Cairo University, Giza, Egypt (March 2009)
Skills	<ul style="list-style-type: none"> • Technical Skills <ol style="list-style-type: none"> 1. Graphic Design and Word Processing (Adobe Photoshop, Microsoft Outlook, Microsoft Word, Presentations). 2. Spreadsheets and Databases (Excel, Microsoft Access, Microsoft Excel, SPSS, Statistics, XML database management systems). • Soft Skills <ol style="list-style-type: none"> 1. Self-Motivated, Creative, and Reliable 2. Persuasive manner and ability to deal with different kinds of people. 3. Flexible and dynamic. 4. Excellent communication skills. 5. Ability to work under high- stress environment. 6. Ability to work in Team. 7. Leadership skills. 8. Willingness to improve current knowledge and skills.
Languages	<ol style="list-style-type: none"> 1. Arabic (Mother tongue) 2. English (B1)