



DAMANHOUR UNIVERSITY
FACULTY OF AGRICULTURE
EGYPT

Walid Shaaban Ahmed Habashy

Assistant professor

Poultry Breeding

Department of Animal and Poultry Production

Faculty of Agriculture

Damanhour University

El Abadayia St, Damanhour, Behera, Egypt

Tel:(002)01061219208

Fax:(002) 0453316535

Walidh55@gmail.com

Walid.habashi@damanhour.edu.eg



EDUCATION

- 2018** *Faculty of Agriculture, Damanhour University, Damanhour, Egypt*
doctor of Agriculture Science in Poultry Breeding (Ph.D)
•Major: Poultry Breeding
•Minors: Statistics and Genetics
• Thesis Title: Nutrigenomic approaches to ameliorate broiler performance under heat stress
- 2011** *Faculty of Agriculture, Damanhour University, Damanhour, Egypt*
Master of Agriculture Science in Poultry Breeding (M.Sc)
•Major: Poultry Breeding
•Minors: Statistics and Genetics
• Thesis Title: Productive and physiological responses of two broiler genotypes to thermal conditioning, protein regimen and their tolerance to heat stress
- 2007** *Faculty of Agriculture, Alexandria University, Damanhour Branch, Egypt*
Bachelor of Agriculture Science (B.Sc)
•Cumulative Grade Point Average (CGPA): Excellent with honor degree (88.46%)

TRAINING & ADVANCED COURSES

- November, 16,2024** Developing Smart Assessment Strategies Using Remark Analytical Reports. Remark Middle East (Online)
- April., 5-6, 2023** Electronic Exams and Student Evaluation Systems
Faculty and Leadership Development Center
(FLDC), Damanhour University
- March., 29-30, 2023** Proposal of Competition`s Initiatives for research
Faculty and Leadership Development Center
(FLDC), Damanhour University

- January., 12, 2023** Bird cooling basics, heat stress & bird density, of the ventilation course.
Cobb Academy (online)
- January., 5, 2023** Perimeter inlets and circulation fan systems, of the ventilation course.
Cobb Academy (online)
- November., 9, 2022** Negative pressure basics and measuring & improving poultry house tightness, of the ventilation course.
Cobb Academy (online)
- November., 4, 2022** Ventilation to control air quality and moisture, of the ventilation course.
Cobb Academy (online)
- October., 12-13, 2022** Human Resource Development
Faculty and Leadership Development Center
(FLDC), Damanhour University
- October., 12-13, 2022** Intellectual Property Rights
Faculty and Leadership Development Center
(FLDC), New Valley University (Online)
- June, 15, 2021** How to review your manuscript before submission
CABI online platform
- June, 1, 2021** How to write Conclusions, Abstracts, Title & References.
CABI online platform
- May, 26 , 2021** How to write Results and Discussions.
CABI online platform
- May, 18 , 2021** How to write the Introduction and materials & methods.
CABI online platform
- May, 4 , 2021** Data Analysis and Interpretation.
CABI online platform
- May, 2, 2019** ISO/IEC 17025: 2017 Internal Audit. From AQS Training Academy
American system.
- April, 14, 2019** ISO/IEC 17025: 2017 Measurement of uncertainty. From AQS
Training Academy American system.
- April, 4, 2019** ISO/IEC 17025: 2017 Quality Control Chart. From AQS Training
Academy American system.
- March, 21-28 , 2019** ISO/IEC 17025: 2017 Awareness. From AQS Training Academy
American system.
- November, 21, 2018** Successful research grant applications- getting it right.
Researcher Academy, Elsevier.

- September., 5-6, 2018** Certificate of Achievement of the Adopting An Academic Program Faculty and Leadership Development Center (FLDC), Damanhour University
- June, 30, 2017** Certificate of Achievement of the online course Proposal Writing & Research Writing (AuthorAID).
- September.,17-18, 2014** Certificate of Achievement of the *Time and Meetings Mangment*, Faculty and Leadership Development Center (FLDC), Damanhour University.
- May., 19-20, 2014** Certificate of Achievement of the *Research Methods*, Faculty and Leadership Development Center (FLDC), Damanhour University.
- March., 18 20, 2012** Certificate of Achievement of the *Applications of Molecular Techniques in Agriculture*, Biotechnology Unit, Central Lab., for the Environmental Studies, Kafr El-Sheikh University, Egypt.
- Feb.,1-2, 2012** Certificate of Achievement of the *Research Ethics*, Faculty and Leadership Development Center (FLDC), Damanhour University.
- Feb.,22 24, 2011** Certificate of Achievement of the *SPSS*, Faculty and Leadership Development Center (FLDC), Damanhour University.
- Feb., 9-11, 2010** Certificate of Achievement of the *Quality Standards in The Education Process*, Faculty and Leadership Development Center (FLDC), Damanhour University.
- Feb., 6 - 8, 2010** Certificate of Achievement of the *International Publishing of Scientific Research*, Faculty and Leadership Development Center (FLDC), Alexandria University.
- Feb.,2- 4, 2010** Certificate of Achievement of the *University Code of Ethics*, Faculty and Leadership Development Center (FLDC), Alexandria University.
- July., 14-16, 2009** Certificate of Achievement of the *Communication Skills*, Faculty and Leadership Development Center (FLDC), Alexandria University.
- June., 27-29, 2009** Certificate of Achievement of the *Effective Presentation Skills*, Faculty and Leadership Development Center (FLDC), Alexandria University.
- June., 23-25,2009** Certificate of Achievement of the *Use Of Technology in Teaching*, Faculty and Leadership Development Center (FLDC), Alexandria University.

WORK EXPERIENCE

30 October,2023 till now *Faculty of Agriculture, Damanshour University, Damanshour, Egypt*
Assistant professor-Department of Animal and Poultry Production

July, 2018,29 October, 2023 *Faculty of Agriculture, Damanshour University, Damanshour, Egypt*
Lecturer-Department of Animal and Poultry Production

**Mar., 2012
June,2018** *Faculty of Agriculture, Damanshour University, Damanshour, Egypt*
Assistant Lecturer-Department of Animal and Poultry Production

**Mar., 2008
Feb., 2012** *Faculty of Agriculture, Alexandria University, Damanshour Branch, Egypt*
Demonstrator-Department of Animal and Poultry Production

- Average work of hours for a TA is 20 hrs week throughout academic year (September May)
 - **TA duties are:**
 - Organize reference material, visual aids and other materials as required by university professors.
 - Conduct discussion groups and laboratory sessions to supplement lectures for *the following courses:*
 - Poultry Breeding and Genetic Improvement.
 - Poultry Husbandry.
 - Poultry Nutrition.
 - Poultry Physiology.
 - Principles of Poultry Production
 - Rabbit Production.
 - Water Fowl Production
 - Invigilation midterm and final examinations.

HONORS & AWARDS

April, 2025

Damanshour University's Encouragement Award

October 2015	Mission from Egyptian Ministry of higher Education at the University of Georgia, Department of Poultry Sci., Athens,
Dec., 2011	<i>University of Damanhour, Damanhour, Egypt.</i> · Master degree.
Each Year 2003 2007	<i>Alexandria University, Damanhour Branch, Egypt.</i> · For receiving excellent grade.

RECENT PUBLICATIONS

1. **El-Tahaway, W., Y. A. Attia, S. E. Aggrey ,and W. S. Habashy (2010).** "Compensatory growth of two broiler genotypes following thermal conditioning and crude protein regimen up to day 21 of life" J. of Agriculture and Environmental Sci., Egypt, vol9(2).2010.
2. **Adomako, K., W. S. Habashy , M. C. Milfort , A. Fuller , R. Rekaya, and S. Aggrey (2016).** "Transcriptome analysis of genes in the protein biosynthesis and ubiquitin-proteosome pathways in meat-type chickens under heat stress". The XXV world's poultry: Congress. September 5-9, 2016, China.
3. **Habashy, W. S., M. C. Milfort, K. Adomako, Y. A. Attia, R. Rekaya and S. E. Aggrey (2017).** Effect of heat stress on amino acid digestibility and transporters in meat-type chickens. Poultry Sci.,96:2312–2319.
4. **Habashy ,W. S., M. C. Milfort, A. L. Fuller, Y. A. Attia, R. Rekaya, and S. E. Aggrey (2017).** Effect of heat stress on protein utilization and nutrient transporters in meat-type chickens. Int J Biometeorology.
5. **Habashy ,W. S., M. C. Milfort, R. Rekaya, and S. E. Aggrey (2018).** Expression of genes that encode cellular oxidant/antioxidant systems are affected by heat stress. Molecular biology reports 45 (3), 389-394
6. **Habashy ,W. S., M. C. Milfort, R. Rekaya, and S. E. Aggrey (2019).** Cellular antioxidant enzyme activity and biomarkers for oxidative stress are affected by heat stress. International journal of biometeorology 63 (12), 1569-1584.
7. **Shehata A.M., Saadeldin I.M., Tukur H.A., and Habashy W.S. (2020).** Modulation of Heat-Shock Proteins Mediates Chicken Cell Survival against Thermal Stress. Animals 10 (12), 2407.
8. **El-Attrouny M.M., and Habashy W.S. (2020).** Correlated response on litter traits and milk yield in new zeland white rabbits selected for litter size at birth. Egyptian poultry science journal 40 (3), 599-612
9. **Habashy ,W. S., M. C. Milfort, R. Rekaya, and S. E. Aggrey (2021).** Molecular and Cellular Responses of DNA Methylation and Thioredoxin System to Heat Stress in Meat-Type Chickens .Animals 11 (7), 1957.
10. **El-Tahawy,W., and Habashy ,W. S. (2021).** Genetic effects on growth and egg

- production traits in two-way crosses of Egyptian and commercial layer chickens. South African Journal of Animal Science 51 (3), 349-354.
11. **Imbabi, T., Sabeq, I., Osman, A., Mahmoud, K., Amer, S.A., Hassan, A.M., Kostomakhin, N., Habashy, W. and Easa, A.A (2021)**. Impact of fennel essential oil as an antibiotic alternative in rabbit diet on antioxidant enzymes levels, growth performance, and meat quality. *Antioxidants*. 10(11) 1797.
 12. **Habashy, W. S., and El-Tahawy, W.S. (2021)** . Prediction of Body weight and other linear Body Weight Measurements of Leghorn Versus Two Egyptian Strains of Chicken. *J. of Animal and Poultry Production, Mansoura Univ* 12 (8), 287-291.
 13. **Ghoname, M., Elnaggar, A., Hassan, S., and Habashy, W. (2022)**. Effect of acute heat stress on production performance and egg quality in four strains of chickens. *South African Journal of Animal Science* 52 (2), 168-176.
 14. **Aggrey, S.E. , Ghareeb, A.F.A. , Fuller, A.L. , Milfort, M.C. , Foutz, J.C. , Schneiders, G.H. , Habashy, W.S. , Adomako, K. ,and Rekaya , R. (2022)**. Host transcriptome response of meat-type chickens infected with *Eimeria maxima* and reared under heat stress environment. *Proceedings of 12th World Congress on Genetics Applied to Livestock* Pages: 2441 - 2444 .
https://doi.org/10.3920/978-90-8686-940-4_589
 15. **Habashy, W.S., and Adomako, K. (2023)**. The relationship between egg production, reproductive hormones, and the GDF9 gene in three different chicken strains. *Animal gene* 27, 200147.
 16. **Hassan, S., Habashy, W., Ghoname, M., and Elnaggar, A. (2023)**. Blood hematology and biochemical of four laying hen strains exposed to acute heat stress. *International Journal of Biometeorology*, 1-12.
 17. **Imbabi, T. A., Habashy, W.S., Abol-Fetouh, G. M., Labib, M.M., Osman, A., Elkelish, A., Qurtam, A. A., Tantawi, A.A., and Farid, O. A. (2023)**. Enhancing semen quality, brain neurotransmitters, and antioxidant status of rabbits under heat stress by acacia gum, vitamin C, and lycopene as dietary supplements: an in vitro and in silico study. *Italian Journal of Animal Science*, 22:1, 321-336, DOI: 10.1080/1828051X.2023.2187715.
 18. **Walid S Habashy, Kwaku Adomako, and Manal M. Abdel-Rahman (2023)**. Molecular characterization of the NRAMP1 gene and blood parameters of Sinai and Lohman Brown chickens in Egypt. *Journal of World`s Poultry Research*, 2023 (Accepted).
 19. **Walid S. Habashy, Ibrahim A. Elkhayat, Ghada M. Abd El-latif (2023)**. Estimation of heritability, genetic correlation of body weight, and modeling of growth curve in two chicken strains. *Egyptian Poultry Science Journal* Vol (43) (2023).

20. **Ibrahim A. Elkhayat, Seham EL-Kassas, Mohamed A. Ebied, Yahya Eid, Hassan H. Younis, Mohamed M. Ragab, Walid S Habashy, and Galal Abou Khadiga (2024).** Breed Of Chicken And Frequent Short Periods Of Incubation During Different Egg Storage Periods (SPIDES) Differentially Modify The Hatchability %, Chick's Quality And Post-Hatching Bird's Performance. Egyptian Journal of Veterinary Sciences Vol (55),3: 835-850. DOI: 10.21608/ejvs.2023.243715.1650.
21. **Madkour, M., Aboelenin, M. M., Habashy, W. S., Matter, I. A., Shourrap, M., Hemida, M. A., Elolimy, A. A., and Aboelazab, O. (2024).** Effects of oregano and/or rosemary extracts on growth performance, digestive enzyme activities, cecal bacteria, tight junction proteins, and antioxidants-related genes in heat-stressed broiler chickens. Poultry science, 103(9), 103996. <https://doi.org/10.1016/j.psj.2024.103996>.
22. **Habashy, W. S., El-Tahawy, W. S., Abdel-Rahman, M. M., Madkour, M., Alqhtani, A. H., Alharthi, A. S., Pokoo-Aikins, A., Elolimy, A.A., and Numair, M. M. (2025).** Strain-specific responses to heat stress: egg quality and oviductal gene expression in laying hens. Italian Journal of Animal Science, 24(1), 1832–1843. <https://doi.org/10.1080/1828051X.2025.2546548>.
23. **Samy M., Abd El-Hady A.M., Hassan S. Sh., and Habashy W.(2025).** The productive performance, hematological parameters, and economic efficiency effects of fermented soybean meal on broiler chicks. Journal of Agricultural and Environmental Sciences .Vol. (24) 1, 1-23. DOI: 10.21608/jaesj.2025.259391.1142.
24. **Asmaa Sh. ELnaggar, Bahaa M. Abou-Shehema, Asmaa H. Abdelaty, and Walid S. Habashy (2025).** Dietary curcumin influences broiler immunity under high temperature. Journal of Agrochemicals and Food Safety, 29–41.
25. **Habashy W., Abdelsattar A., Abokhadra A., Askar A., Munir A., Taalab A., Elewaa A., Elshrief E., El-Shamy E., Sheba E., Mahana E., El-Sabagh S., and Emara Sh (2025).** Impact of supplementing meat-type chickens with peppermint water extract (*Mentha piperita*) on lymphoid organs and some blood parameters. Journal of Agricultural and Environmental Sciences. Vol (24) 2, 24-46. 10.21608/jaesj.2025.376228.1257.
26. **Habashy W., Mohamed A., Maswada A., Elnidany A., Domain A., Hezema A., Mardy A., Eidresha B., Eissa B., Abada H., El-Mezayen S., Al-Shabshery Sh., Hefny Sh., and Etman S. (2025).** Impact of peppermint extract (*Mentha piperita*) on growth efficiency, carcass aspects, and economic efficiency in meat-type chickens' drinking water. Journal of Agricultural and Environmental Sciences. Vol 24(2),1-27 DOI: 10.21608/jaesj.2025.376238.1258.

27. **Abd El-latif, Sarah El-Messeiry, Alaa El-Raffa, Intesar Abu Aliwa, Walid Habashy (2025)**. Effect of crossbreeding on growth performance, gene expression and Gompertz modelling in meat rabbit under Egyptian environmental conditions. World Rabbit Sci., 33: 175-184. <https://doi.org/10.4995/wrs.2025.22797>.
28. **Walid Habashy, Abdalrahem A. Amrabit, Waleed S. El-Tahawy, Mai M. Numair (2026)**. Impact of Crossing Golden Sabahia and White Leghorn Chickens on Performance Traits: An Analysis of Heterosis, Additive Effects, and Performance Curves. Acta Scientiarum. Animal Sciences (In press).

Applied activities:

Applied Projects:

1. Member of poultry production program team credit hours system under an agreement of cooperation with a group of poultry companies Cairo on training students in implementation of the program of poultry production.
2. Member of the project the genetic modified organism detection (GMO).
3. Principle Investigator for project ID 42872 entitled “ Physiological evaluation using the gene expression of layer chicken under heat stress “ funded by STDF.

Supervision of Theses:

Member of the supervising committee of post graduate students who pursue the M.Sc and PhD 7 students.

SKILLS AND ACTIVITES

Molecular Biology

- DNA and RNA Extraction and Purification, Gel Electrophoresis, DNA Transformation.

Physiology and Biochemistry

- Analysis of Dry Matter, Protein, Fiber, Fat, Fatty Acids, Volatile Fatty Acids (VFA), Minerals in Meat, Diet, and Feces.
- Digestion for chemical analysis.
- Flame emission (Ca, Na, K).
- Colorimetric measurement of elements (N, P).
- Analysis of blood components such as GOT, GPT, white and red blood cell counts, hemoglobin concentration, hematocrit values, total plasma glucose, serum total protein, albumin concentration, total serum cholesterol.

Computer Skills

- ICDL Certificate.
- I have a good experience on computer software & hardware.
- I have a good experience on SAS and SPSS

Academic activity:

- Participate in Teaching College Courses, Both Undergraduate and Postgraduate Students in, i.e. Poultry Production and Breeding for Students of Different Years, the Faculty and Students of Different Departments Specialized Faculty and Students of Specialization Third and Fourth Levels.
- Participate in The Teaching Graduate and Postgraduate Students Specialized Courses, in Addition to Special Research Studies and Scientific Supervision of The Scientific Thesis.
- Cooperate with Doctors Members of The Department to Authorship Books of Poultry Production Basics – Production Technology and Poultry breeding.
- Coordinator of Field Training Course for the Students of the Third Level.
- Supervision of academic credit hours for students of the Faculty of Agriculture - Damansour University.
- Supervise the decision of the discussions for graduate students.

Courses:

- Participation The Teaching Some Courses at The Faculty of Agriculture – Damansour University of the following courses: -

Undergraduate Courses:

- (05128) Basic of Poultry Production.
- (05443) Statistical in Animal, Poultry and Fish Production
- (05427) Care and Production of Secondary Birds
- (05429) Slaughterhouse and Accessories
- (05446) Applied of Biotechnology in Animal, Poultry and Fish Production
- (05423) Technology of Broiler Production

- (05425) New Trend in Poultry Sciences
- (05430) Improve and Poultry Breeding
- (05424) Technology of laying Production
- (05417) Graduation Project
- (05457) Quality and Biosafety
- (05350) Field Training
- Terminology of English language in poultry field.
- (09305) Using Genetic Engineering to improve the productive characteristic of farm animals and Poultry (for Third level -biotechnology program)

Post graduate Courses:

- (2705839) Advanced of Poultry Breeding
- (2705845) Preparation Data and Experimental Analysis
- (2705841) Applied of Biotechnology in Poultry
- (2705844) Experimental Designed.

Memberships:

-
- 1-Journal of Agricultural and Environmental Science, Damanshour University, Egypt
 - 2- Egyptian Poultry Science Society.
 - 3- Egyptian Animal Nutrition and Feeding Society.

International and local conference and congress attended :

-
1. Bio Vision Alexandria conference, 07-09 April 2014. Alexandria Bibliotheca, Alexandria , Egypt.
 2. 7th International Poultry Conference, 3 – 6 November, 2014 - Ain Sukhna, Red Sea - Egypt.
 3. The 2016 International Production & Processing Expo, Atlanta, Georgia, USA
January 26-28, 2016.
 4. The 2017 International Production & Processing Expo, Atlanta, Georgia, USA
January 31 until February 2, 2017.

5. The 3rd International Electronic Conference on Animals. 12-14 March 2025 online.

Reviewer

Poultry science journal

Journal of Applied Poultry Research

Gene Reports

Scientific Reports

Veterinary Medicine and Science

ADMINISTRATION

- Member in the Department Council from 2018 till now.
- Member of the Faculty Committee for Cultural Relations , Faculty of Agriculture , Damanshour University Science , 2024.
- Follow-up coordinator on the activities of the Pioneers and Scientists of Egypt program at Damanshour University

A statement of research accomplishments and interests

I divide my research into four focal areas :

- 1-Nutrigenomics experiment, notably using different methods to mitigate the effect of heat stress such as (dietary methionine, phytochemicals and algae).
- 2-Studying some genes related to meat and egg production and immunity through molecular genetics.
- 3-Formation breeds specialized in the production of meat and eggs through tradition and modern methods.
- 4-Genetic evaluation of rabbits using gene expression.