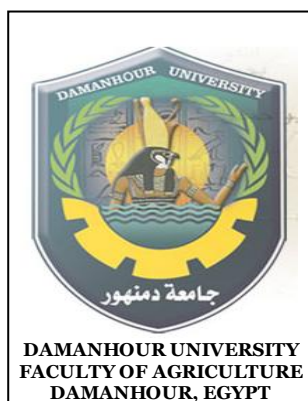




Saber Hassan, Ph. D

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Personal Information

Name: Saber Shihata Abdelwaness Hassan

Date of Birth: May 7, 1977

Place of Birth: Hosh Issa, Beheira Governorate.

Nationality: Egyptian

Marital Status: Married (4 children)

Residence: Al-Rehab Street, Damanhour, Beheira Governorate, Egypt

Contact Information

- Department of Animal and Poultry Production, Faculty of Agriculture, Damanhour University, Egypt.
- **Tel:** (002) 0453369850 – **Mobile:** (002) 01126114161
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Professional Summary

I am a dedicated and accomplished Professor of Poultry Physiology with over two decades of academic, research, and teaching experience in poultry production, nutrition, and physiology. Proven expertise in leading research projects, publishing in peer-reviewed journals, and mentoring students at undergraduate and

postgraduate levels. Strong background in innovative poultry management practices and enhancing productivity through applied research.

Academic Qualifications

- Ph.D. in Poultry Production – Department of Animal and poultry production, Faculty of Agriculture, Damanshour University, Egypt (Jan. 23, 2012) – Excellent.
- M.Sc. in Poultry Production – Department of Animal and poultry production, Faculty of Agriculture, Damanshour Branch, Alexandria University, Egypt (Oct. 31, 2006) – Excellent.
- B.Sc. in Animal & Poultry Production – Department of Animal and poultry production, Faculty of Agriculture, Damanshour Branch, Alexandria University, Egypt (2001) – Very Good with Honor.

Previous Academic Positions

- **Professor of Poultry Physiology:** Department of Animal and poultry production, Faculty of Agriculture, Damanshour University, Egypt (April 24, 2024 – present)
- **Associate Professor of Poultry Physiology:** Department of Animal and poultry production, Faculty of Agriculture, Damanshour University, Egypt (Oct. 31, 2018 – April 23, 2024)
- **Assistant Professor:** Department of Animal and poultry production, Faculty of Agriculture, Damanshour University, Egypt (Feb. 29, 2012 - Oct. 30, 2018).
- **Assistant lecturer:** Department of Animal and poultry production, Faculty of Agriculture, Damanshour University, Egypt (Oct. 2010 – Feb. 28, 2012).
- **Assistant lecturer:** Department of Animal and poultry production, Faculty of Agriculture, Damanshour Branch, Alexandria University, Egypt (Dec. 7, 2006 – Oct. 2010).

- **Demonstrator:** Department of Animal and poultry production Faculty of Agriculture, Damanhour Branch, Alexandria University, Egypt (June 17, 2002 - Dec. 6, 2006).

Administrative positions

- **Vice Dean for Education and Student Affairs – Faculty of Computers and Information, Damanhour University (May 15, 2024–present).**

Achievements

- General Supervisor of the Second Semester Examinations for the Academic Year 2023–2024, Faculty of Computers and Information, Damanhour University.
- General Supervision of Undergraduate Graduation Project Defenses for the Academic Year 2023–2024, Faculty of Computers and Information, Damanhour University.
- General Supervisor of the Summer Semester Examinations for the Academic Year 2023–2024, Faculty of Computers and Information, Damanhour University.
- Supervision and Organization of the First Forum of the Faculty of Computers and Information, Damanhour University, December 18, 2024.
- Participation in the establishment and operation of a peer-reviewed electronic scientific journal issued by the Faculty of Computers and Information, Damanhour University, awarded 7 scientific publication points and accredited by the Supreme Council of Universities in January 2025.
- General Supervisor of the First, Second, and Summer Semester Examinations for the Academic Year 2024–2025, Faculty of Computers and Information, Damanhour University.

- General Supervision of Undergraduate Graduation Project Defenses for the Academic Year 2024–2025, Faculty of Computers and Information, Damanhour University.
- Accreditation of the Artificial Intelligence and Cybersecurity Programs of the Faculty of Computers and Information, Damanhour University, by the Supreme Council of Universities under Ministerial Decree No. (1716) August 25, 2025.
- Supervision and Organization of the 7th Olympiad of the Faculties of Computers and Information at Damanhour University, entitled “*The Role of Artificial Intelligence in Supporting Government Institutions*”, held at the Damanhour Cultural Complex, Beheira Governorate, June 21, 2025.
- Supervision and Organization of the New Students’ Reception Ceremony for the Academic Year 2025–2026 at the Faculty of Computers and Information, Damanhour University, September 28, 2025.
- Supervision of the preparation, accreditation, and operation of the Artificial Intelligence, Internet of Things, and Electronics Laboratories, Faculty of Computers and Information, Damanhour University, October 26, 2025.
- Approval of the amendment to the internal bylaws of the undergraduate credit-hour system at the Faculty of Computers and Information, Damanhour University, under Ministerial Decree No. (2626) November 13, 2025.
- Supervision and Organization of the Employment Forum at the Faculty of Computers and Information, Damanhour University, December 15, 2025.
- General Supervisor of the First Semester Examinations for the Academic Year 2025–2026, Faculty of Computers and Information, Damanhour University.
- Supervision of the Intelligent Systems Hackathon from April 7 - 9, 2026, Faculty of Computers and Information, Damanhour University.

- Participated in the supervision and organization of the National Competition “RoboDam 2026,” on 14 September 2026, under the title “**Artificial Intelligence and Robotics for Sustainability and Energy Efficiency**,” Faculty of Computers and Information, Damanhour University.
- **General Coordinator of Convoys, Damanhour University (Dec. 27, 2023–present).**

Achievements

- Supervision of **20 comprehensive outreach convoys** (medical, veterinary, agricultural, awareness-raising, etc.) in the most underprivileged villages and hamlets of Beheira Governorate during **2024**.
- Supervision of **18 comprehensive outreach convoys** (medical, veterinary, agricultural, awareness-raising, etc.) in the most underprivileged villages and hamlets of Beheira Governorate during **2025**.
- **Responsible of communication students – Damanhour University (Oct. 31, 2014 – Oct. 30, 2015).**
- **Supervisor of the distinguished program (poultry production program) and the cooperation protocol between the Faculty of Agriculture, Damanhour University and the Cairo Poultry Company (CPC), 2013 – present.**

Professional Memberships

- Egyptian Poultry Science Association.
- World’s Poultry Science Association (Egyptian Branch).
- Egyptian Animal Production Association.
- Poultry World Journal.

Teaching Experience

Undergraduate Courses:

- (05128) Principles of Poultry Production.
- (05321) Poultry Nutrition.
- (05319) Poultry Physiology.
- (05450) Milk, Meat and Egg Production.
- (05427) Husbandry and Production of Secondary Birds.
- (05320) Husbandry and Production of Rabbits.
- (05342) Rabbits Nutrition.
- (05322) Production and Husbandry of Broiler and Eggs Breeder.
- (05423) Technology of Broiler Production.
- (05425) Recent Developments in the Production of Poultry.
- (05432) Poultry Products.
- (05433) Artificial Insemination and Selection of Cocks.
- (05424) Technology Produces Table Eggs.
- (05426) Health and Diseases of Poultry.
- (05449) Husbandry and Production of Animal, Poultry and Fish.
- (05221) Field Training of Poultry-1.
- (05350) Field Training of Poultry-2.
- (05457) Poultry Terms.
- (05451) Immunity, Health and Diseases of Poultry.
- (05417) graduation project.

Postgraduate Courses:

- (2705864) Advanced Poultry of Meat.
- (2705838) Advanced Special Studies.
- (2705848) Advanced Poultry Physiology.
- (2705882) Hormones in Poultry.
- (2705880) Immunity in Poultry.

- (2705865) Advanced Production of Egg.
- (2705866) Waterfowl Production.
- (2705869) Production and Breeding of Quails.
- (2705700) Search.
- (2705701) Discussions.

Supervision of Theses

Supervised numerous MSc. and Ph.D. theses in poultry physiology, nutrition, and rabbit production.

Master students:

- 1- Amira Elsaid Abd Elkarem Elashry, MSc., I supervised him from 2013 - 2017 on her thesis entitled **“Effect of different levels of vegetable oils on the productive and physiological responses of broiler chickens exposed to high ambient temperature”**. Department of Animal and Poultry Production, Faculty of Agriculture, Damanshour University, Egypt.
- 2- Abdelkader Mabrok Abdelkader Unes, MSc., I supervised him from 2013 - 2018 on his thesis entitled **“Effect of drinking water subjected to different magnetic strength on some productive and physiological traits of Gimmizah chickens”**. Department of Animal and Poultry Production, Faculty of Agriculture, Damanshour University, Egypt.
- 3- Asmaa Gomaa Mofteh Hemeda, MSc., I supervised him from 2014-2021 on her thesis entitled **“Study of Some Productive and Physiological Characteristics of Broiler Chickens Fed Dietary Thyme”**. Department of Animal and Poultry Production, Faculty of Agriculture, Damanshour University, Egypt.
- 4- Hadeer Mohamed Ahmad Ahmad Darwish, MSc., I supervised him from 2016-2022 on her thesis entitled **“Evaluation of productive performance and physiological characteristics of broiler chickens fed on ginger or garlic”**.

Department of Animal and Poultry Production, Faculty of Agriculture, Damanhour University, Egypt.

- 5- Mahmoud Mohamed Mohamed Elsalheya, MSc., I supervised him from 2016-2023 on his thesis entitled “**Impact of different chromium sources on the productive performance and physiological traits of broiler under heat stress conditions**”. Department of Animal and Poultry Production, Faculty of Agriculture, Damanhour University, Egypt.
- 6- Amira Nabil Abd-Elhady Nassar, MSc., I supervised him from 2016-Dec. – 2022 on her thesis entitled “**Effect of arginine supplementation on productive performance, blood constituents and gut microbial of broilers under heat stress conditions**”. Department of Animal and Poultry Production, Faculty of Agriculture, Damanhour University, Egypt.
- 7- Ahmed Hamada Abdelmalik Emara, MSc., I supervised him from 2017-2024 on his thesis entitled “**Productive performance and physiological traits of broiler chicks fed dietary supplementation of grape seed powder or its oil extract**”. Department of Animal and Poultry Production, Faculty of Agriculture, Damanhour University, Egypt.
- 8- Ayman Samir Makin Abd El-Hamid, MSc., I supervised him from 2017-Feb. - 2023 on his thesis entitled “**Effect of *Achillea millefolium* and *Moringa oleifera* supplementation on Productive, Immunological and Physiological Responses of Weaning V-line Rabbits**”. Department of Animal and Poultry Production, Faculty of Agriculture, Damanhour University, Egypt.
- 9- Mohamed Sami Mohamed Ahmed, MSc., I supervised him from 2017-2024 on his thesis entitled “**Effects of Fermented Soybean Meal Supplementation on the Productive Performance and Physiological status of Broiler Chicks**”. Department of Animal and Poultry Production, Faculty of Agriculture, Damanhour University, Egypt.

- 10- Heba Adel Essa Tadros, MSc., I supervised him from 2018 – May 2023 on her thesis entitled **“Effect of honey bee venom on productive and physiological traits of growing rabbits”**. Department of Animal and Poultry Production, Faculty of Agriculture, Damanshour University, Egypt.
- 11- Mennatallah Ghoname Mohamed, MSc., I supervised him from 2018- November 2022 on her thesis entitled **“Evaluation of physiological responses of some strains of laying hens under heat stress conditions”**. Department of Animal and Poultry Production, Faculty of Agriculture, Damanshour University, Egypt.
- 12- Ibrahim Salah Ibrahim Mousa, MSc., I supervised him from 2021-February 2025 on his thesis entitled **”Impact of *Echinacea purpurea* supplementation on performance, blood parameters and economic efficiency of broiler chicks“**. Department of Animal and Poultry Production, Faculty of Agriculture, Damanshour University, Egypt.
- 13- Bassam Othman Mragea Abdullah, MSc., I supervised him from 2019- present on his thesis entitled **“Effect of dietary supplementation root or seeds of chicory on growth performance, immunity and blood biochemical parameters of broiler chicks”**. Department of Animal and Poultry Production, Faculty of Agriculture, Damanshour University, Egypt.
- 14- Mohamed Abdelhamid Abdelgalil Zaky, MSc., I supervised him from 2021- November 6, 2025, on his thesis entitled **“Effect of *in-ovo* Injection of L-Carnitine on Hatchability and Growth Traits of Broiler Chickens”**. Department of Animal and Poultry Production, Faculty of Agriculture, Damanshour University, Egypt.
- 15- Mohamed Ibrahim Mahmoud Mostafa, MSc., I supervised him from 2023-present on his thesis entitled **“Studies in Poultry Production”**. Department of Animal and Poultry Production, Faculty of Agriculture, Damanshour University, Egypt.

- 16- Hossam El-Sayed Ismail El-Ghamrawy, MSc., I supervised him from 2024-present on his thesis entitled “**Studies in Poultry Production**”. Department of Animal and Poultry Production, Faculty of Agriculture, Damanshour University, Egypt.
- 17- Mahmoud Azam Shaban, MSc., I supervised him from 2025- present on his thesis entitled “**Studies in Poultry Production**”. Department of Animal and Poultry Production, Faculty of Agriculture, Damanshour University, Egypt.
- 18- Abdallah Mahmoud Abdallah Elsayh, MSc., I supervised him from 2025-present on his thesis entitled “**Studies in Poultry Production**”. Department of Animal and Poultry Production, Faculty of Agriculture, Damanshour University, Egypt.
- 19- Mohamed Shehata Mohamed Elsheakh, MSc., I supervised him from 2025-present on his thesis entitled “**Studies in Poultry Production**”. Department of Animal and Poultry Production, Faculty of Agriculture, Damanshour University, Egypt.
- 20- Mahmoud Saad Fareed Mohamed, MSc., I supervised him from 2025- present on his thesis entitled “**Studies in Poultry Production**”. Department of Animal and Poultry Production, Faculty of Agriculture, Damanshour University, Egypt.

Ph. D. students:

- 1- Mahmoud Rashad Habib Mousa, Ph. D., I supervised him from 2013-2018 on his thesis entitled “**Effects of magnetized water and Zinc on production and reproduction performance, milk yield and composition, antioxidants status of rabbit’s doe and growth of their offspring up to 12 weeks of age**”. Department of Animal and Poultry Production, Faculty of Agriculture, Damanshour University, Egypt.
- 2- Elshahat Saad Mahmoud Slamah, Ph. D., I supervised him from 2016 – 2021 on his thesis entitled “**Effects of phytobiotic, prebiotic and probiotic on**

performance, immune response and carcass characteristics of broilers”.

Department of Animal and Poultry Production, Faculty of Agriculture, Damanhour University, Egypt.

- 3- Abdelkader Mabrok Abdelkader Unes, Ph. D., I supervised him from 2018- 2024 on his thesis entitled. **“Effect of Curcumin and Allicin on some productive, physiological and immunity traits of Mandra chickens”** Department of Animal and Poultry Production, Faculty of Agriculture, Damanhour University, Egypt.
- 4- Aida Abdulmagied Abu Isha, Ph.D., I supervised him from 2019- 2025 on her thesis entitled **“Immunophysiological, hematobiochemical and growth performance of broiler chicks as influenced by dietary supplementation with *Echinacea purpurea*”** Department of Animal and Poultry Production, Faculty of Agriculture, Damanhour University, Egypt.
- 5- Mohamed Sami Mohamed Ahmed, Ph.D., I supervised him from 2024- present on his thesis entitled **“Studies in Poultry Production”** Department of Animal and Poultry Production, Faculty of Agriculture, Damanhour University, Egypt.
- 6- Abdelrahman Saed Khater, Ph.D., I supervised him from 2024- present on his thesis entitled **“Studies in Poultry Production”** Department of Animal and Poultry Production, Faculty of Agriculture, Damanhour University, Egypt.

Participated as a member of the examination committee for:

- 1) **Hadeer Mohamed Ahmad Ahmad Darwish, M.Sc.**, thesis entitled “Evaluation of productive, performance and physiological characteristics of broiler chickens fed on ginger or garlic” (2022), Animal and Poultry Production Department, Faculty of Agriculture, Damanhour University, Egypt.
- 2) **Mennatallah Ghoname Mohamed Mohamed Ghoname, M.Sc.**, thesis entitled “Evaluation of physiological responses of some strains of laying hens under heat

- stress conditions” (2022), Animal and Poultry Production Department, Faculty of Agriculture, Damanshour University, Egypt.
- 3) **Amira Nabil Abd-Elhady Nassar**, M.Sc., thesis entitled “Effect of arginine supplementation on productive performance, blood constituents and gut microbial of broilers under heat stress conditions” (2022), Animal and Poultry Production Department, Faculty of Agriculture, Damanshour University, Egypt.
 - 4) **Fatma Mohamed Ragab El-Attar**, M.Sc., thesis entitled “Pomegranate peel powder (*Punica granatum*) as a natural feed additive to improve productive performance and physiological response in broiler chickens” (2023), Animal and Poultry Production Department, Faculty of Agriculture, Damanshour University, Egypt.
 - 5) **Ayman Samir Makin Abd El-Hamid**, M.Sc., thesis entitled “Effect of *Achillea melifolium* and *Moringa oleifera* Supplementation on Productive, Immunological and Physiological responses of weaning V-Line Rabbits” (2023), Animal and Poultry Production Department, Faculty of Agriculture, Damanshour University, Egypt.
 - 6) **Mahmoud Mohamed Mohamed Elsalheya**, M.Sc., thesis entitled “Impact of different chromium sources on the productive performance and physiological traits of broiler under the heat stress conditions” (2023), Animal and Poultry Production Department, Faculty of Agriculture, Damanshour University, Egypt.
 - 7) **Heba Adel Essa Tadros**, MSc., thesis entitled “Effect of honey bee venom on productive and physiological traits of growing rabbits” (2023), Department of Animal and Poultry Production, Faculty of Agriculture, Damanshour University, Egypt.
 - 8) **Abdelkader Mabrok Abdelkader Yones**, Ph. D, thesis entitled “Effect of Curcumin and Allicin on some productive, physiological and immunity traits of

Mandra chickens” (2024), Animal and Poultry Production Department, Faculty of Agriculture, Damanshour University, Egypt.

- 9) **Ahmed Hamada Abdelmalik Emara**, M.Sc., thesis entitled “Productive performance and physiological traits of broiler chicks fed dietary supplementation of grape seed powder or its oil extract”, (2024), Animal and Poultry Production Department, Faculty of Agriculture, Damanshour University, Egypt.
- 10) **Mohamed Sami Mohamed Ahmed**, M.Sc., thesis entitled “Effects of Fermented Soybean Meal Supplementation on the Productive Performance and Physiological status of Broiler Chicks” (2024), Animal and Poultry Production Department, Faculty of Agriculture, Damanshour University, Egypt.
- 11) **Ibrahim Salah Ibrahim Mousa**, M.Sc., thesis entitled “Impact of Echinacea purpurea supplementation on performance, blood parameters and economic efficiency of broiler chicks” (2025), Animal and Poultry Production Department, Faculty of Agriculture, Damanshour University, Egypt.
- 12) **Samia Moussa Ghaleb Nassr**, Ph. D, thesis entitled “Effect of some different sources of antioxidants on the productive performance of broiler chicks raised under stress conditions” (2025), Department of Animal and Fish Production, Faculty of Agriculture (Saba Basha), Alexandria University.
- 13) **Abdullah Hassan Mohamed Elsayed Mohamed**, M.Sc., thesis entitled “The effect of drinking ionized water on the productive, physiological and carcass traits of broiler chicks” (2025), Department of Poultry Production, Faculty of Agriculture, Alexandria University.
- 14) **Mohamed Abdelhamid Abdelgalil Zaky**, MSc., thesis entitled “Effect of *in-ovo* Injection of L-Carnitine on Hatchability and Growth Traits of Broiler Chickens” November 6, 2025, Department of Animal and Poultry Production, Faculty of Agriculture, Damanshour University, Egypt.

Research Interests

- Poultry physiology and nutrition.
- Heat stress and climate change adaptation.
- Phytogetic feed additives and natural growth promoters.
- Immunity, antioxidants, and welfare in poultry and rabbits

Publications

Author and co-author of 60+ scientific papers in peer-reviewed journals.

1. El Sabry, M. I., Romeih, Z. U., **Hassan, S. S.**, Stino, F. K. R., Rekaya, R., & Aggrey, S. E. (2026). **Comparing physiological and hematological responses to water deprivation in two different chicken genotypes.** *Anbar Journal of Agricultural Sciences*, 24(3), 635–643. DOI: 10.32649/ajas.2026.164314.1831.
2. Marajie, B., **S. Hassan**, Asmaa Sh. Elnaggar, W.S. El-Tahawy (2026) **Effect of dietary inclusion of chicory root and seed (*Cichorium intybus* L.) on growth performance and carcass characteristics of broiler chickens.** *J. Agric. & Env. Sci. (Damanhour University)*, 25(1): 104 - 123
3. Aida A. Abu Isha, I. El-Wardany, A.E. Abd El–Hamid, Reyad M. Reyad, **Saber S. Hassan** (2026) *Effect of Echinacea purpurea* supplementation on growth performance, carcass traits, blood biochemical parameters of broiler chickens. *J. Agric. & Env. Sci. (Damanhour University)*, 25(1): 1 - 29
4. Mohamed I. Hassan, Amr El-Nile, **Saber S. Hassan**, Mohamed Hafez, Abdallah E. Mohamed, Alexander I. Popov, Mohamed Rashad, Sobhy M. A. Sallam, Mahmoud Alagawany (2025) *A Novel Trace Element Mixture to Enhance Growth, Blood and Carcass Characteristics of Growing Rabbits.* *Biological Trace Element Research*. <https://doi.org/10.1007/s12011-025-04897-3>

5. Ali S. El-Shafey, Ayman H. Abd El-Aziz, **Saber S. Hassan**, Mustafa Shukry, Nagi M. El-Shafai & Mohamed S. Moharam (2025). Effects of incremental nano-selenium supplementation on growth performance, carcass traits, blood profiles, and economic efficiency in V-line rabbits. Sci. Rep., 15, 39374 (2025).
<https://doi.org/10.1038/s41598-025-23823-0>
6. Amin, O. Hendawy, Abdalrahem A. Amrabit, Hossam A. Shahba, **Saber S. Hassan**, Mohamed I. Hassan, Walid S. Habashy (2025). Breed-Specific Responses to Peppermint Oil Supplementation: Effects on Growth, Antioxidant Status, and Carcass Traits in Growing Rabbits. Adv. Anim. Vet. Sci., 13(11): 2424-2434. DOI |
<https://dx.doi.org/10.17582/journal.aavs/2025/13.11.2424.2434>, ISSN (Online) | 2307-8316
7. Mohamed, M.S., A.M. Abd El-Hady, **S.S. A. Hassan**, W.S. Habashy (2025) The productive performance, hematological parameters, and economic efficiency effects of fermented soybean meal on broiler chicks. J. Agric. & Env. Sci. (Damanhour University), 24(1): 1-23
8. Mousa, I.S., Asmaa .SH. EL-Naggar, **S.S. Hassan** and A.E. Abd El – Hamid (2024) Growth performance, carcass traits and some blood biochemical in broiler chicks as affected by the supplementation of *Echinacea purpurea* in the diet. J. Agric. & Env. Sci. (Damanhour University), 23 (3): 470- 485
9. Youssef Attia, Nicola F. Addeo, Fulvia Bovera, Mohamed E. Abd ElHack, Ayman E. Taha, Mohamed A. AlBanoby, Adel D. Al-qurashi1, Asmaa F. Khafaga, Vincenzo Tufarelli, Mohamed W. Radwan and **Saber S. Hassan** (2024). *Zingiber officinale* (GINGER). Chapter (9), *Phytogenics and Phytochemicals for Animal Production*, A Guide to Alternative Feed Additives, 2024, 1-18.
10. Youssef A. Attia, Mohamed E. Abd El-Hack, Mahmoud Alagawany, Salem R. Alyileili, Khalid A. Asiry, **Sabar S. Hassan**, Asmaa Sh. Elnaggar, Hany I.

- Habiba, Shatha I. Alqurashi, Asmaa F. Khafaga and Maria Cristina de Oliveira (2024). BEE POLLEN. Chapter (10), *Phytogenics and Phytochemicals for Animal Production*, A Guide to Alternative Feed Additives, 2024, 1-16
11. Youssef A. Attia, Mohamed E. Abd El-Hack, Mahmoud Alagawany, Salem R. Alyileili, Khalid A. Asiry, **Saber S. Hassan**, Asmaa Sh. Elnaggar, Hany I. Habiba and Shatha I. Alqurashi (2024). PROPOLIS. Chapter (11), *Phytogenics and Phytochemicals for Animal Production*, A Guide to Alternative Feed Additives, 2024, 1-20.
12. Mohamed I. Hassan, **Saber S. Hassan**, Farid N. K. Soliman and Mohamed H. Khalil (2024) Effects of In Ovo Administration of Freeze-Dried Royal Jelly on Hatchability, Blood Parameters, and Organ Weights of Day-Old Chicks. Journal of Animal Physiology and Animal Nutrition; 1–9, <https://doi.org/10.1111/jpn.14052>
13. Mohamed I. Hassan, Naela Abdel-Monem, Ayman Moawad Khalifah, **Saber S. Hassan**, Hossam Shahba, Ahmad R. Alhimaidi, In Ho Kim and Hossam M. El-Tahan (2024) Effect of Adding the Antimicrobial L-Carnitine to Growing Rabbits' Drinking Water on Growth Efficiency, Hematological, Biochemical, and Carcass Aspects. *Antibiotics*, 13, 757. <https://doi.org/10.3390/antibiotics13080757>
14. A. H. Emara, I. A. El-Sayed, Azza A. Elsebai and **S. S. Hassan** (2023) Effect of grape seed powder or grape seed oil extract on productive performance, carcass characteristics and economic efficiency of broiler chicks. J. Agric. & Env. Sci. (Damanhour University) 2023, 23(1): 494-516
15. Abdelkader M. Abdelkader, Ali M.H. El-Sheikh, Waleed S. El-Tahawy and **Saber S. Hassan** (2023) Effect of Curcumin and Allicin on productive and physiological traits of Mandra chickens. J. Agric. & Env. Sci. (Damanhour University), 23(2): 98-119 Print: ISSN 1687-1464 Online: 2735-5098.

16. Mohamed I. Hassan and **Saber S.A. Hassan** (2023) The immunomodulatory and histological effects of *Nigella sativa* seeds on broiler chickens. J. Agric. & Env. Sci. (Damanhour University), 22(3): 317-340, Print: ISSN 1687-1464 Online: 2735-5098.
17. Elkomy AE, Sadaka TA, **Hassan SS**, Shawky O, El-Speiy ME, El-Beshkar M, Wadaan MAM, El-Tahan HM, Cho S, Kim IH and El-Tahan HM (2023) Improving productive performance, immunity, and health status of growing rabbits by using honey bee venom (*Apis mellifera*). Front. Vet. Sci. 10:1234675. doi: 10.3389/fvets.2023.1234675
18. Mohamed H. Khalil, **Saber S. Hassan**, Farid N. K. Soliman & Mohamed I. Hassan (2023): In-Ovo injection of melittin into Alexandria chicken eggs: a way for early immune acceleration, Animal Biotechnology, DOI: 10.1080/10495398.2023.2255063
19. **Saber Hassan**, Bahaa Abou-Shehema, Hossam Shahba, Mohamed Hassan, Esmail Boriy & Mahmoud Rozan (2023) Impact of dietary vitamin (E) and *Eruca sativa* seeds powder on broiler productivity, health, carcass characteristics, and meat quality. Animal Biotechnology, <https://doi.org/10.1080/10495398.2023.2224844>
20. **Hassan S.**, W. Habashy, M. Ghoname & A. Elnaggar (2023) Blood hematology and biochemical of four laying hen strains exposed to acute heat stress. Int. J. Biometeorol, <https://doi.org/10.1007/s00484-023-02445-z>
21. Mahmoud M. Elsalheya; Abd EL-Hamid E. Abd EL-Hamid; **Saber S. Hassan** and Ali El-Shafey (2023) Effect of the different types of chromium supplementation on the productive performance, kidney and liver functions of broiler under the heat stress conditions. J. Agric. & Env. Sci., 22 (1): 228-258

22. Heba Adel, Mohamed I. Hassan, Soliman, F.N.K., **Saber S. Hassan** (2022) Influence of bee venom injection on growing rabbits: 1- performance, carcass traits, and economic efficiency. J. Agric. & Env. Sci., 21 (3): 543-564
23. Ayman S. Maken, Mohamed A. Mandour, **Saber S. Hassan** (2022) Effect of *Achillea millefolium* and *Moringa oleifera* supplementation on productive, immunological and physiological responses of weaning V-line rabbits. J. Agric. & Env. Sci., 21 (3): 1-31.
24. El-Speiy, M.E.; El-Sawy, M.A.; Sadaka, T.A.; Elkomy, A.E. and **S.S. Hassan** (2022) Impact of bee venom and oxytetracycline on blood parameters, antioxidant, immunity status and bacterial count of weaning rabbits. Egyptian Journal of Rabbit Science, 32 (2): 181 -199
25. **Hassan, S. S.**; H. I. Habiba and A. A. Alsenosy (2022) Immune Indicators, Growth, Hematological Parameters, Liver Enzymes and Kidney Function of Growing Rabbits as Affected by Bee Pollen and/or Mannan-Oligosaccharides. Journal of Animal and Poultry Production, Vol. 13 (9):131-136
26. Mohamed I. Hassan, Ayman M. Khalifah, Mohamed I. El Sabry, Abdallah E. Mohamed & **Saber S. Hassan** (2022) Performance traits and selected blood constituents of broiler chicks as influenced by early access to feed post-hatch. Animal Biotechnology, 28;1-8.
27. Amira N. Nassar, Ahmed A. Abd-Allah, Abd EL-Hamid E. Abd EL-Hamid and **Saber S. Hassan** (2022) Effect of arginine supplementation on productive performance, carcass traits, hematology and economic efficiency of broilers under heat stress conditions. Journal of Agricultural and Environmental Sciences. J. Agric. & Env. Sci., 21(1): 35-60.
28. **Saber S. A. Hassan**; Hossam A. Shahba and Mohamed M. Mansour (2022) Influence of using date palm pollen or bee pollen on some blood biochemical

- metabolites, semen characteristics and subsequent reproductive performance of v-line male rabbits. *Journal of Rabbit Science*, 32(1): 19- 39
- 29.M. Ghoname, A. Elnaggar, **S. Hassan** and W. Habashy (2022) Effect of acute heat stress on production performance and egg quality in four strains of chickens. *South African Journal of Animal Science*, 52 (No. 2) <http://dx.doi.org/10.4314/sajas.v52i2.6>
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- Japanese Quail's allowed Different Housing Space Fortified with Vitamin E and/or Chromium Chloride. JKAU: Met., Env. & Arid Land Agric. Sci., Vol. 30 No. 1, 53 – 65.
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49. **Saber S. Hassan**, Youssef A. Attia, Abd-El- Hamid E. Abd-El-Hamid and Amira E. El-Ashry (2017) Effect of increasing dietary vegetable oils concentration on performance, carcass parameters and blood constituents of broiler chickens exposed to high ambient temperature. Egypt. Poult. Sci. Vol (37)(II): 391-406
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55. **Hassan S. S.**, Asmaa S. El-Naggat and H. I. A. Habiba (2015) Response of Growing Rabbits to Bio-additives, 1-Growth performance and carcass

- characteristics. Accepted at the 2nd International Conference on the Modern Approaches in Livestock's Production Systems (ICMALPS2015), faculty of Agriculture, Alexandria University, Egypt from 12-14 October. 263-279. (<http://www.icomalps2015.com>).
56. Ayman E. Taha, Rashed R. Rashed and **Saber S. A. Hassan** (2014) Impact of Water Restriction on the Productive and Behavioral Performance of Two Fattening Rabbit Breeds. *Global Veterinaria* 12 (5): 673-681. doi: 10.5829/idosi.gv.2014.12.05.8356
57. Fulvia Bovera, Francesco Iannaccone, Giovanni Piccolo, Carmelo Di Meo, Fabrizio Russo, Daniela Piscitelli, **Saber S. A. Hassan**, Youssef A. Attia, and Antonino Nizza (2014). Effect of group size on performance and egg quality of laying hens during 20 to 36 weeks of age. *Italian Journal of Animal Science* 2014; 13: 215-220. doi:10.4081/ijas.2014.3148.
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young broiler chicks fed mash or crumble diets", Italian Journal of Animal Science; volume 11:e56, 303-308.

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University Student Books

- 1- **Principle of Poultry Production**, (2018, co-author), In Arabic.
- 2- **Husbandry and Production of Rabbits** (2017), In Arabic.
- 3- **Production and Husbandry of Broiler and Eggs Breeder** (2018), In Arabic.
- 4- **Contributor to Technology of Poultry Production**, open education, Agriculture of Faculty, In Arabic.

Laboratory & Technical Skills

- Physiological and biochemical blood analyses (ALT, AST, Hb, proteins, lipids, etc.).
- Feed analysis (nutrient composition, fibers, proteins, etc.).
- Bioinformatics and statistical analysis (SAS, SPSS, Minitab, CoStat).
- Providing technical support to several feed mills, veterinary pharmaceutical companies, and poultry farms.
- Supervising several poultry farms in the governorates of Beheira and Alexandria (broilers, layers, quail, pigeons, ostriches, and rabbits).
- Developing modern management programs for different types of poultry farms.
- Designing health care, medication, vaccination, and nutrition programs for various poultry farms.
- Preparing professional and up-to-date feasibility studies for poultry farming projects.
- Rabbit and poultry farm management (Ex. Supervisor of rabbits at the American University Farms (Sadat branch) during 2011-2012).

Language Proficiency

- Arabic: Native
- English: Good (spoken and written)

Computer Skills

- Very good experience of computer software & hardware.
- Microsoft Office (Word, Excel, PowerPoint and Internet).
- ICTP, March 25, 2008.

Conferences, Symposiums & Forums

- **Participant, 10th International Conference of the Veterinary Research Institute (ICOVRI 10), 27–30 September 2026, Egypt.**
- Participated in the supervision and organization of the National Competition “**RoboDam 2026**”, on 14 September 2026, under the title “**Artificial Intelligence and Robotics for Sustainability and Energy Efficiency**”, Faculty of Computers and Information, Damanhour University.
- Participation in the **First Agricultural Training and Employment Forum, 3 August 2026**, Faculty of Agriculture, Damanhour University.
- Lecturer in the training course “**Secrets of Success and Technical Practices in Broiler Production**,” 9–11 August 2026, Public Service Center, Damanhour University.
- Intelligent Systems Hackathon from April 7 - 9, 2026, Faculty of Computers and Information, Damanhour University.
- Symposium, Presented an oral presentation titled “**Rabbit breeding and its role in providing animal protein and raising the national economy**”. May 10, 2023, Faculty of Agriculture, Damanhour University, Egypt.
- **The 4th student scientific conference, Faculty of Agriculture, Damanhour University, Egypt.** Presented an oral presentation titled “**Use of bee venom as an alternative of antibiotic and vaccine in poultry farms**”. September 23, 2020, Faculty of Agriculture, Damanhour University, Egypt.
- **The 4th student scientific conference, Faculty of Agriculture, Damanhour University, Egypt.** Member of the organizing committee. September 23, 2020, Faculty of Agriculture, Damanhour University, Egypt.
- The first conference for Department of Economics, Agricultural Extension and Rural Development, Faculty of Agriculture, Damanhour University, Egypt. “**Agricultural development in new lands (reality - challenges - solutions -**

hopes)". Febraury 25, 2019, Faculty of Agriculture, Damanhour University, Egypt.

- Exhibition entitled "**Farmer Exhibition and Conference in El-Beheira**", organized by the International Conferences and Exhibitions Protocol - Damanhour Convention Complex, Damanhour on April 4-6, 2019.
- Attended Exhibition **Agro Alex**, Radisson Blue Hotel, Alex West Resort, Mehwar Al Taameer, Burj Al Arab - Alexandria on December 14-16, 2019.
- Symposium entitled "*Marketing of slaughtered poultry and its impact on the poultry industry*", organized by the Egyptian Poultry Science Association - Faculty of Agriculture - Alexandria University, Alexandria on September 7, 2019.
- **The 3rd student scientific conference, Faculty of Agriculture, Damanhour University, Egypt.** Member of the organizing committee. August 7, 2019, Faculty of Agriculture, Damanhour University, Egypt.
- Symposium entitled "*The current situation of the poultry industry in Egypt and its challenges*", organized by the Egyptian Poultry Science Association - Faculty of Agriculture - Alexandria University, Alexandria on April 19, 2018.
- Symposium entitled "*Obstacles Poultry Industry in Egypt*", organized by the Egyptian Poultry Science Association - Faculty of Agriculture - Alexandria University, Alexandria on April 27, 2017.
- **The second scientific day for students of the faculty of agriculture, Damanhour University, Egypt.** Member of the organizing committee. August 23, 2017, faculty of agriculture, Damanhour University, Egypt.
- Symposium entitled "*Poultry Industry and Climate Change*", organized by the Egyptian Poultry Science Association - Faculty of Agriculture - Alexandria University, Alexandria on April 21, 2016.

- ***The 9th International Poultry Conference***, the Egyptian Poultry Science Association, November 7 – 10, 2016 - Hurghada, Red Sea – Egypt.
- ***The first scientific day for students of the faculty of agriculture, Damanshour University, Egypt***. Member of the organizing committee. July 18, 2016, faculty of agriculture, Damanshour University, Egypt.
- ***Moringa, its food and medical importance workshop***. May 11, 2015, City of Scientific Research and Technological Applications (SRTA-City), Arid Lands Cultivation Research Institute (ALCRI), Plant Production Department.
- ***Nanotechnology and its Biological applications workshop***. April 20, 2015, City of Scientific Research and Technological Applications (SRTA-City), Genetic Engineering and Biotechnology Research Institute (GEBRI).
- ***The 5th International Conference***, The Future of energy, water and food system and changing the climate in the Arab region. March 15 – 16, 2015, Cairo University.
- ***The 7th International Poultry Conference***, the Egyptian Poultry Science Association, November 3 – 6, 2014 - Ain Sukhna, Red Sea – Egypt.
- ***BioVision Alexandrina Conference***, New Life Sciences: The Next Decade, April 7 – 9, 2014, Bibliotheca Alexandrina, Egypt. **Registered.**
- Symposium entitled ***"the future vision for the production of poultry in Egypt under the current circumstances"***, organized by the Egyptian Poultry Science Association – Faculty of Agriculture – Alexandria University, Alexandria on April 17, 2014.
- ***Science and Technology Education for Sustainable Development in the Arab Region***, The Bibliotheca Alexandrina, Alexandria, Egypt, December 29 - 30, 2013.

- ***The First International Conference “Food and Agriculture :new Approaches”***
National Research Centre, El Tahreer St. , Dokki, Cairo, Egypt. December 2 – 4, 2013.
- ***Water and Sanitation in Africa and the Middle East Conference***, The Bibliotheca Alexandrina, Alexandria, Egypt, October 28 - 29, 2013.
- Symposium entitled ***"The poultry production"***, organized by the Egyptian Poultry Science Association - Faculty of Agriculture - Alexandria University, Alexandria on April 18, 2013.
- Symposium entitled ***"the 6th International Conference of poultry - chicken breeding flocks of mothers in the commercial farms"*** - Egyptian association of poultry Science, Faculty of Agriculture - University of Alexandria – Alexandria, April 19, 2012.
- Symposium entitled ***"The impact of fluctuations in input prices of the poultry industry on the marketing of their products"*** organized by the Egyptian Poultry Science Association – Faculty of Agriculture – Alexandria University, Alexandria on March 31, 2011.
- Symposium entitled ***"The problems of marketing of poultry products in the current situations - Marketing and the future of the poultry industry in Egypt"***, organized by the Egyptian Poultry Science Association – Faculty of Agriculture – Alexandria University, Alexandria on April 8, 2010.
- Symposium entitled ***"The special researches delivered in the Fifth International Conference of Poultry Science"***, organized by the Egyptian Poultry Science Association – Faculty of Agriculture – Alexandria University, Alexandria on April 22, 2009.
- Symposium entitled ***"The role assumed by the social fund in developing the poultry projects in Egypt"***, organized by the Egyptian Poultry Science

Association – Faculty of Agriculture – Alexandria University, Alexandria on April 2, 2008.

- Symposium entitled ***"Discussing the recommendations of the Fourth International Conference of the Poultry Science"***, organized by the Egyptian Poultry Science Association – Faculty of Agriculture – Alexandria University, Alexandria on April 19, 2007.
- ***Egyptian Animal Production Association, (conference 13th)***, Faculty of Agriculture, Cairo University, Egypt. December 10 – 11, 2006).
- Symposium entitled ***"Innovations in the commercial poultry industry"*** the Egyptian Society of poultry - Faculty of Agriculture - Alexandria University – Alexandria, April 29, 2006.
- Symposium entitled "Avian Influenza" organized by the Faculty of Agriculture in Damanshour, December 12, 2006.
- Symposium entitled "National buffalo treasure in Egypt" organized by Faculty of Agriculture in Damanshour, February 2, 2006 at Damanshour Cultural Complex.
- Symposium entitled, the Third International Conference of Poultry Science ***"Conclusions and Recommendations"***, organized by the Egyptian Poultry Science Association – Faculty of Agriculture – Alexandria University, Alexandria on April 23, 2005.
- Symposium entitled ***"The current situation of the poultry production industry in Egypt"***, organized by the Egyptian Poultry Science Association - Faculty of Agriculture - Alexandria University, Alexandria, March 25, 2004.
- Symposium entitled ***"Development and evolution of Fish Farming in Beheira Governorate - Problems and Solutions"*** organized by the Faculty of Agriculture in Damanshour, October 22, 2004.

- Symposium entitled ***"improvement of Rabbit Projects"*** organized by the Faculty of Agriculture in Damanhour, December 12, 2003 at the Damanhour Cultural Complex.
- Symposium entitled ***"Problems of waterfowl production in Egypt"***, organized by the Egyptian Poultry Science Association – Faculty of Agriculture – Alexandria University, Alexandria, March 27, 2003.

Workshops, Modules & Training Courses

- ***Preparation for assuming leadership and supervisory positions***, Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, February 3-5, 2026.
- ***Use of technology in teaching***, Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, February 22-23, 2023.
- ***Ethics and professional behavior in university work***, Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, February 20-21, 2023.
- ***Human Resource Development***, Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, October 12-13, 2022
- ***Anti-Corruption***, Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, September 28-29, 2022
- ***University Laws and Regulations***, Faculty and Leadership Development Center (FLDC), Alexandria University, Egypt, July 29 – 30, 2022
- ***Work system in the standard form of the electronic answer sheet and a look at the standards of the test paper***, Faculty of Agriculture, Damanhour University, Egypt, Dec. 12, 2018.
- ***Inverse classroom and Second-Generation Internet Applications***, Senghor University, Alexandria, Egypt, Dec. 2-6, 2018.

- ***Integrated e-learning skills***, Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, Sep. 5 – 6, 2018.
- ***The matrix of exam questions with learning outcomes***, Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, July 4, 2018.
- ***Conference Organization***, Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, July 26 – 27, 2017.
- ***Requirements of progress to Accreditation***, Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, July 12 – 13, 2017.
- ***Time and Meetings Managment***, Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, September 17 – 18, 2014.
- ***Principles, leadership qualities, excellence promoted, and performance Training Course***, Leaders Preparation Institute, Helwan University, Egypt, June 20 – 25, 2014.
- ***Roles and new visions for the future Orientalism***, Leaders Preparation Institute, City Youth, Alexandria, Egypt, July 4 – 9, 2014.
- ***Quality Standards in the Education Process***, Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, March 3 - 4, 2014.
- ***Competing for Research Funds***, Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, February 26 - 27, 2014.
- ***International Publishing of Scientific Research Training Course***, Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, February 24 -25, 2014.
- ***University Legal & Financial Aspects***, Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, February 13 -14, 2012.
- ***Quality Standards in Teaching (T4)***, Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, February 8 -9, 2012.

- ***The Credit Hours System (D1)***, Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, February 6 -7, 2012.
- ***Exams and Students Evaluation Systems***, Faculty and Leadership Development Center (FLDC), Alexandria University, Damanhour Branch, Egypt, March 23-25, 2010.
- ***Thinking Skills (P1)***, Faculty and Leadership Development Center (FLDC), Alexandria University, Egypt, September 23-25, 2006.
- ***Teaching with Technology (T3)***, Faculty and Leadership Development Center (FLDC), Alexandria University, Egypt, May 27-30, 2006.
- ***Research Methodology (T4)***, Faculty and Leadership Development Center (FLDC), Alexandria University, Egypt, June 18 -21, 2005.
- ***Effective Teaching (T1)***, Faculty and Leadership Development Center (FLDC), Alexandria University, Egypt, June 4 -9, 2005.
- ***Effective communication Skills (I2)***, Faculty and Leadership Development Center (FLDC), Alexandria University, Egypt, May 28 -31, 2005.

References

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