



Damanhour University
Faculty of Veterinary Medicine
Department of Animal Wealth Development



C. V.

Personal information

1. Name: Ayman Hassan Abd El-Aziz Bayoumi Sadaka

2. Date of Birth: 29 - October -1983

3. Nationality: Egyptian

4. Current Appointment: Assistant Professor of Animal Breeding and Production, of Animal Wealth Development, Faculty Veterinary Medicine, Damanhour University Egypt.

5. Academic Degree: Ph.D. In Animal Breeding and Production, 2017, Faculty of Veterinary Medicine, Damanhour University, Egypt.

Type: PhD **Field:** Animal Breeding and Production

Date Obtained: 2017

Institute: Damanhour University, Egypt

6. Contact: Email: ayman.sadaka@vetmed.dmu.edu.eg

Tel: +201111883025

Fax: 045 3320570



Education history (Start from the latest one)

Institution	Location	Degree	Field	Completion Date
- Faculty of Veterinary Medicine, Damanhour University	Egypt	Assistant Professor	Animal Breeding and Production	2023
- Faculty of Veterinary Medicine, Damanhour University	Egypt	Ph.D.	Animal Breeding and Production	2017
- Faculty of	Egypt	M.V. Sc.	Animal Breeding	2011

Veterinary Medicine, Damanhour University, - Faculty of Veterinary Medicine, Damanhour University,	Egypt	B.V. Sc.	and Production Veterinary Medicine	2006
--	-------	----------	--	------

Employment history

Name of Institution	Location	Position	From – To
Faculty of Veterinary Medicine, Damanhour Branch, Alexandria University, Alexandria	Egypt	Demonstrator	29-4-2008 / 25-10-2010
Faculty of Veterinary Medicine, Damanhour University, El-Behera		Demonstrator	26-10-2010 / 23-1-2021

Faculty of Veterinary Medicine, Damanhour University, El-Behera		Assistant Lecturer	24-1-2012 / 29-12-2017
Faculty of Veterinary Medicine, Damanhour University, El-Behera		Lecturer of Animal Breeding and Production	30-12-2017 / 27-2-2023
Faculty of Veterinary Medicine, Damanhour University, El-Behera		Assistant Professor of Animal Breeding and Production	28-2-2023 / Present

Thesis

- Master's degree of Veterinary Medicine 2011, Animal Breeding and Production, Damanhour University, Egypt. (Title of Thesis: Effect of Sodium Butyrate on Growth Performance and Carcass Traits in Two Rabbit Breeds).
- Ph.D. of Veterinary Medicine 2017, Animal Breeding and Production, Damanhour University, Egypt. (Title of Thesis: Studies on Production of Genetically Modified Bovine Embryos).

Duties

1. Teaching the courses to undergraduate

- 1.1 Teaching practical courses of Animal Breeding and Production to pre-graduate students - Faculty of Veterinary Medicine, Damanhour University, Behera, Egypt (2008-2017).
- 1.2 Teaching courses of Animal Breeding and Production to pre-graduate students - Faculty of Veterinary Medicine, Damanhour University, Behera, Egypt (2017 / Present).

2. Teaching postgraduate students of diploma, master, and doctor courses.

- 2.1 Teaching courses of Animal Breeding and Production to post-graduate students (Diploma/Master/Ph D) - Department of Animal Husbandry and Animal Wealth Development, Faculty of Veterinary Medicine, Damanhour University, Behera, Egypt (2017 / Present).

3. supervisor of Master student.

4. Training second year students in the summer training program.

5. External examiner at other Faculties of Veterinary Medicine (Kafr Elsheikh, Alexandria and Benha Universities).

6. Participation in specification and development of Animal Breeding and Production courses for under and post graduate students.

Training courses:

*** Information & Communication Technology (ICT) Training**

- EndNote X7.
- SPSS version 17.
- Understanding concepts of information technology (IT).

*** Faculty and Leadership Development Center (FLDC) Training**

1	Communication Skills	26 - 28 Jan. 2010
2	University Code of Ethics	2 - 4 Feb. 2010
3	International Publishing	6 -8 Feb. 2010
4	Quality Standards in The Educational Process	9 -11 Feb. 2010
5	Effective Teaching	20 -22 Sept. 2011
6	Research Methods	27 -29 Sept. 2011
7	Effective Presentation Skills	1 - 2 Oct. 2011
8	Research Ethics	22- 23 Oct. 2011
9	E. Learning	27-28 Aug. 2018
10	Conference Organization (Online	5-6 Aug. 2020
11	Adopting an Academic Program (Online)	12-13 Aug. 2020
12	Electronic Tests (Online)	16-17 Sept. 2020
13	References Research Management System (Online)	23-24 Sept. 2020
14	Intellectual Property Rights (Online)	14-15 Oct. 2020
15	Crisis and disaster management	7-8 Aug. 2023
16	anti-Corruption	28-29 Aug. 2023

- These training courses completed in Faculty and Leadership Development Center (FLDC) Alexandria University & Damanhour University Certified by International Board of Certified Trainers- European Division (IBCT).

Scholarships, Honors, and Awards

1. April 2015 until April 2017, joint mission between Damanhour University and Tokyo University of Agriculture and Technology for two years.

2. September 2019 until March 2020, post-doctoral scholarship (for 6 months). Department of Biological Production (FS Centre), Tokyo University of Agriculture and Technology, Tokyo, Japan

Membership in scientific societies

- | | |
|---------------|--|
| 2021- Present | Member, The Egyptian Society of Nutrition and Feeding, Cairo, Egypt. |
| 2006- Present | Member, The Egyptian Veterinarian Syndicate, Cairo, Egypt. |

Editorial board membership and reviewer in scientific journals

- ✓ Journal of Buffalo Science (Editorial board member).
- ✓ Animals
- ✓ Frontiers in Genetics.
- ✓ Food Chemistry.
- ✓ Molecular Therapy - Nucleic Acids.
- ✓ Cancer Medicine.
- ✓ DNA and Cell Biology.
- ✓ Environmental Science and Pollution Research.
- ✓ Gene Journal.
- ✓ Bioscience Reports.
- ✓ Electronic Journal of Biotechnology.
- ✓ Journal of Equine Veterinary Science.
- ✓ International journal of poultry science.
- ✓ German Journal of Veterinary Research.

Workshops and seminars

- Attending The 14th scientific research conference in Alexandria University (on 30 November to 2 December 2010).
- Participation in the implementation of the Student Participation Project (QASP) - the third round of beautifying the college, code No. SP3-012-DAM, Faculty of Veterinary Medicine in Al-Bustan, Damanhour University.
- Participation in the activities of the educational and cultural session to prepare envoys to travel abroad at the Institute for Leadership Development in Helwan from 16/11/2014-20/11/2014.
- Participation in the success of the project to support leadership capabilities and qualify students for

the job market at Faculty of Veterinary Medicine, Damanhour University.

- Attending a workshop entitled “Meeting the quality standards according to the third edition of the National Authority for Quality Assurance and Accreditation.” By Prof. Dr. Sherif Zakaria Kamel, held at Faculty of Veterinary Medicine, Damanhour University, 18/11/2018.
- Attending a workshop entitled “Application of Quality Standards for Examinations, Controls and Student Assessment”. By Prof. Dr. Ashraf Abd ElMohsen AlShraby, held at Faculty of Veterinary Medicine, Damanhour University, 26/11/2018.
- Attending a workshop entitled “Preparing a File”. By Prof. Dr. Hazem Shahin at Faculty of Veterinary Medicine, Damanhour University, 11/12/2018.
- Attending a workshop entitled “Definition and application of the international standard ISO 9001 for the year 2015 in institutions of higher education”. By Mohamed Abdel Moneim Obaid, Advisor to the President of the University and Director of Planning at the National Council for Accreditation on Saturday 12/1/2019 held at Faculty of Veterinary Medicine, Damanhour University.
- Effective participation in the first meeting of Damanhour veterinary Graduates at Faculty of Veterinary Damanhour University (on 26th August 2020).
- Attending a workshop of Hazard Analysis and Critical Points in Food Chain (on 26th August 2020).
- Attending a webinar of Summer On... Disease Off! (Part 1) Program to control Babesiosis and Anaplasmosis (on 7 June 2020).
- Attending a Webinar of Proteomics Technology for Top Notch Research Targets (Online Webinar-90min) at Faculty of Veterinary Medicine, Suez Canal University on Thursday, 25 June 2020.
- Attending a Webinar of Publication Process in Scientific Journals (Online Webinar-90min) at Faculty of Veterinary Medicine, Suez Canal University on Saturday, 12 September 2020.
- Distinguished community engagement in the public service campaign of constitutional amendments by Damanhour University, from April 20 to April 22, 2019.
- Participation in the activities of the online conference (Challenges of Egyptian Agriculture in the Era of Corona), held from July 12 to July 15, 2020.
- Attending the online Webinar (on Academic Integrity: Steps to Avoid Plagiarism) on Monday, 28 September 2020, Research Support Center, Helwan University.
- Attending the online Webinar (Tips for Scientific Publishing) on Saturday, October 3rd, 2020, Research Support Center, Helwan University.
- Effective participation and giving a scientific lecture in the (Small Farms Management) Project, which is held at the Veterinarian Syndicate headquarters in Beheira Governorate from 3/10/2020 to

7/10/2020.

- Attending the online Workshop (How to write a scientific article) (Part1, Part2) on 9 - 10 November 2020, Scientific Research Development Unit, Tanta University.
- Attending the online Workshop (Mastitis Management) on 30 November 2020, MSD Animal Health.
- Attending the online Workshop (Electronic tests preparation) on 9 December 2020, Measurement and Evaluation Center, Higher Education Development Projects Management Unit.
- Attending the online (CABI webinar Journey to Publish Session 2: Writing Effective Cover Letters) on the 17th of November 2020.
- Attending the CABI Online-Platform Webinar Series (Peer-Review Like Professionals: (1) Professional Co-authors Peer-review). Organized in collaboration with The Egyptian Knowledge Bank (EKB) on Monday, November 9, 2020.
- Attending the CABI Online-Platform Webinar Series (Peer-Review Like Professionals: (2) Professional Post-Submission Peer-review). Organized in collaboration with The Egyptian Knowledge Bank (EKB) on Monday, November 16, 2020.
- Attending the CABI Online-Platform Webinar Series (Peer-Review Like Professionals: (3) Professional Response to Reviewers). Organized in collaboration with The Egyptian Knowledge Bank (EKB) on Monday, November 23, 2020.
- Attending the CABI Online-Platform Webinar Series (Professional Poster Presentation). Organized in collaboration with The Egyptian Knowledge Bank (EKB) on Thursday, December 10, 2020.
- Attending the online Webinar (Logical Scientific Manuscript Structure) on Saturday, January 9, 2020. Research Support Center, Helwan University.
- Participation in scientific activity titled: "Scientific Research: From Design to Analysis" Held via the online Platform - Zoom Application on 11 January 2021 and organized by Academics and Researchers Platform (IFAD).
- Attending the CABI Online-Platform Webinar Series (Professional Scientific experiments: Smart Experimental Designs). Organized in collaboration with The Egyptian Knowledge Bank (EKB) on Monday, January 11, 2021.
- Attending the webinar entitled "Enhance your Research with Elsevier: Making the Most out of Author Profiles on Scopus " Online on Sunday 31st January 2021 and organized by National Research Centre, Cairo, Egypt.
- Participation in scientific activity titled: "Managing and Sharing Research Papers Using the Mendeley Program " Held via the online Platform - Zoom Application on 1 February 2021 and organized by Academics and Researchers Platform (IFAD).

- Attending the webinar entitled “Manage Your Cited References in a Glance Using EndNote ” Online on Monday 1st February 2021 and organized by National Research Centre, Cairo, Egypt.
- Attending the Nature Research Academies Online workshop entitled (Logical Manuscript Structure). Organized in collaboration with The Egyptian Knowledge Bank (EKB) on Monday, February 1, 2021.
- Attending the Nature Research Academies Online workshop entitled (Effective Academic Writing). Organized in collaboration with The Egyptian Knowledge Bank (EKB) on Tuesday, February 2, 2021.
- Attending the online Webinar entitled (Elsevier-NRC Guide Course for Reviewers; Elsevier Resources and Training for Reviewers) on Thursday, March 25, 2021. Organized by National Research Centre, Cairo, Egypt.
- Attending a workshop entitled “Faculty self-study according to the third edition of the National Authority for Quality Assurance and Accreditation.” By Prof. Dr. Mohamed Ghanem, held at Faculty of Veterinary Medicine, Damanhour University, 15/11/2021.
- Attending a workshop entitled “NARS” by Prof. Dr. Sherif Zakaria Kamel, held at Faculty of Veterinary Medicine, Damanhour University, 24/11/2021.

Conferences

- Effective participation in the 18th Scientific Conference, Faculty of Veterinary Medicine, Zagazig University, Egypt (**Veterinary Medicine and One Health in Light of Climate Changes**), 2023.
- Effective participation in the 6th International Conference of Animal and Fish Production Department and The 20th Conference of The Egyptian Society of Animal Production entitled “**Future of livestock and food security**” that held by Faculty of Agriculture Elshatby/ Alexandria University, Egypt, during the period October 31-November 3, 2023.
- Effective participation as an oral speaker in the 5th International Conference on “**Sustainable Management of Smart Livestock’s Farming**” that held by Faculty of Agriculture Elshatby/ Alexandria University, Egypt during the period November 3-4, 2021, by a paper presented in the scientific sessions of the conference, entitled: Influence of Fructooligosaccharide Administration on Growth Performance, Carcass Characteristics, and Gut Health in Two Rabbit Breeds.
- Participating in the “**Fourth (1st International) student conference entitled Veterinary and Sustainable Development Goals**” that held online by Faculty of Veterinary Medicine/ University of Sadat City, Egypt during the period March 9- March 10, 2021.
- Attending the “Annual meeting of JSPS Alumni Association Egypt and the 2nd International JSPS Webinar entitled “**Preparedness for the next COVID-19 wave Multidisciplinary impacts**”

Health, Education and Environment” that held online on Saturday 13th February 2021.

- Attending “**Youth Science Forum**” Online held from January 14 to January 16, 2021, and organized by National Research Centre, Cairo, Egypt.
- Participation in “**EDUVATION SUMMIT 20**” Online Edition 20 from November 28 to November 29, 2020. Organized by EduVation for Smart Education.
- Participation in the activities of the online conference (**Challenges of Egyptian Agriculture in the Era of Corona**), held from July 12 to July 15, 2020.
- Participating in the “**First Scientific international virtual Agricultural conference**” that held online by college of Agricultural/ University of Al-Qadisiyah in cooperation with Iraqi Ministry of Agriculture and FAO during the period May 31- June 01 2020 by a paper presented in the scientific sessions of the conference, entitled: The Influences of Dietary Dill (*Anethum graveolens*) Powder Supplementation on Productive Performance, Mortality Rate with Special Reference to its Economic Figure in Broiler.

List of academic publications

- Abd El-Aziz, A.**; Elfadadny, A.; Abo Ghanima, M.; Cavallini, D.; Fusaro, I.; Giammarco, M.; Buonaiuto, G.; El-Sabrou, K. Nutritional Value of Oregano-Based Products and Its Effect on Rabbit Performance and Health. *Animals* **2024**, 14, 3021. <https://doi.org/10.3390/ani14203021>
- Elfadadny, A., R.F. Ragab, M.A. Abou Shehata, M.R. Elfadadny, A. Farag, **A.H. Abd El-Aziz** and H.O. Khalifa, **2024**. Exploring bacteriophage applications in medicine and beyond. In: *Acta Microbiologica Hellenica*. pp: 167-179.
- Imbabi, T., T.M.M. Hassan, A. Osman, **A.H.A. El Aziz**, A.A. Tantawi and M.A.F. Nasr, **2024**. Impacts of thyme and/or garlic oils on growth, immunity, antioxidant and net farm income in damascus goats. *Scientific Reports*, 14(1): 13173.
- Abd El-Aziz, A.**, K. El-Sabrou and M.A. Ghanima, **2024**. Sodium butyrate supplementation for improving poultry and rabbit performance. *Tropical Animal Science Journal*, 47(2).
- Abd El-Aziz, A.H.**, N.I. El-Kasrawy, M.E. Abd El-Hack, A.A. Swelum, G. Suliman, V. Tufarelli and M.M. Abo Ghanima, **2024**. Impact of bee venom supplement on productive performance, health status and economics of weaned male rabbits: Considering breed and dosage factors. *Journal of Animal Physiology and Animal Nutrition*, 108(3): 792-805.
- El-Qaliouby, H.S., N.I. El-Kasrawy, H.A. Abouelghait, M.M. Hegazy and **A.H. Abd El-Aziz**, **2024**. Influence of calving age, parity, and calf gender on lactation metrics, reproductive and economic efficiency parameters in egyptian buffaloes. *Journal of Advanced Veterinary Research*, 14(3): 445-449.
- Elbehiry, M.A., **A. El-Aziz, H. Ayman**, M.A. Belal and K. Sobhy, **2024**. The impact of using extenders containing low-density lipoprotein versus egg yolk with or without ascorbic acid on the fertility

parameters of post-thawed chilled canine semen. *Damanhour Journal of Veterinary Sciences*, 11(2): 1-7.

- Abd El-Aziz, A.**, M. Abo Ghanima, D. Mota-Rojas, A. Sherasiya, F. Ciani and K. El-Sabrou, **2023**. Bee products for poultry and rabbits: Current challenges and perspectives. *Animals*, 13(22): 3517.
- Gao, Z., S.H.A. Raza, B. Ma, F. Zhang, S. Hou, H. Alshammari, E.E.A. Salama, W.A. Abdulmonem, Y.M. Alharbi and A.S.M. Aljohanih, A.A. El-Mansi, **A.H. Abd El-Aziz**, B.H. Aloufi, L. Gui, **2023**. Single-nucleotide polymorphisms in calpastatin gene and the association with growth traits in tibetan sheep (ovis aries). *Canadian Journal of Animal Science*, 104(2): 207-213.
- El-Nagar, H.A., A.M. El-Hais, **A.H. Abd El-Aziz** and W.M. Wafa, **2023**. Growth performance, immunity, and general health status of newborn friesland calves fed milk supplemented with propolis, thyme, or their combination, as antioxidants, during the suckling period. *Adv. Anim. Vet. Sci*, 11(11): 1830-1839.
- El-Nagar, H.A., A.M. El-Hais, M.S. Mandouh, W.M. Wafa, **A.H. Abd El-Aziz** and K.A. Attia, **2023**. Administration of bee pollen, nigella sativa oil, and their combination as a strategy for improving growth performance, immunity, and health status of newborn friesland calves during the suckling period. *J. Anim. Health Prod*, 11(3): 306-316.
- Hussein, E.G.S., H.S. Elsebaey, A.E. Yonis, G.Y. Elhadad, M.A. Abdelmagid, M.M. Elsayed and **A.H.A. El-Aziz**, **2023**. Detection and characterization of parvovirus associated with retarded growth in ducks in al-beheira governorate, egypt. *Egyptian Journal of Animal Health*, 3(2): 84-98. Available from https://ejah.journals.ekb.eg/article_296094.html.
- Rodríguez-González, D., I. Guerrero Legarreta, R.G. Cruz-Monterrosa, F. Napolitano, C.G. Titto, **A.H. Abd El-Aziz**, I. Hernández-Avalos, A. Casas-Alvarado, A. Domínguez-Oliva and D. Mota-Rojas, **2023**. Assessment of thermal changes in water buffalo mobilized from the paddock and transported by short journeys. *Frontiers in Veterinary Science*, 10: 1184577.
- Napolitano, F., A. Bragaglio, A. Braghieri, **A.H.A. El-Aziz**, C.G. Titto, D. Villanueva-García, P. Mora-Medina, A.M.F. Pereira, I. Hernández-Avalos and N. José-Pérez, **2023**. The effect of birth weight and time of day on the thermal response of newborn water buffalo calves. *Frontiers in Veterinary Science*, 10: 1084092.
- Moawed, S.A. and **A.H.A. El-Aziz**, **2022**. The estimation and interpretation of ordered logit models for assessing the factors connected with the productivity of holstein–friesian dairy cows in egypt. *Tropical Animal Health and Production*, 54(6): 345.
- Easa, A.A., **A.H.A. El-Aziz**, A.S.A.E. Barbary, N.M. Kostomakhin, M.A.F. Nasr and T.A. Imbabi, **2022**. Genetic parameters of production and reproduction traits of egyptian buffaloes under subtropical conditions. *Tropical animal health and production*, 54(5): 270.
- Hassan, F.A., A.G. Shalaby, N.E.M. Elkassas, S.A. El-Medany, A. Hamdi Rabie, K. Mahrose, **A. Abd El-Aziz** and S. Bassiony, **2023**. Efficacy of ascorbic acid and different sources of orange peel on growth performance, gene expression, anti-oxidant status and microbial activity of growing rabbits under hot conditions. *Animal Biotechnology*, 34(7): 2480-2491.
- Hengwei, Y., S.H.A. Raza, S. Wang, R. Khan, A. Ayari-Akkari, D.A. El Moneim Ahmed, I. Ahmad, M. Shaoib, **A.H. Abd El-Aziz** and S.U. Rahman, **2023**. The growth curve determination and

- economic trait correlation for qinchuan bull population. *Animal Biotechnology*, 34(7): 2649-2656.
- Nurgulsim, K., R. Khan, S.H.A. Raza, A. Ayari-Akkari, M. Jeridi, I. Ahmad, U.M. Arain, A.H. **Abd El-Aziz**, H. Khan and L. Zan, **2023**. Bioinformatics and genetic variants analysis of fgf10 gene promoter with their association at carcass quality and body measurement traits in qinchuan beef cattle. *Animal Biotechnology*, 34(6): 1950-1959.
- Nossair, M.A., F.A. Abd El Baqy, M.S.Y. Rizk, H. Elaadli, A.M. Mansour, **A.H.A. El-Aziz**, A. Alkhedaide, M.M. Soliman, H. Ramadan and M. Shukry, **2022**. Prevalence and molecular characterization of extended-spectrum β -lactamases and ampc β -lactamase-producing enterobacteriaceae among human, cattle, and poultry. *Pathogens*, 11(8): 852.
- Wei, D., S.H.A. Raza, X. Wang, R. Khan, Z. Lei, G. Zhang, J. Zhang, Z. Luoreng, Y. Ma and M.O. Alamoudi, B.H. Aloufi, A.M. Alshammari, **A.H. Abd El-Aziz**, M. Alhomrani, A.S. Alamri, **2022**. Tissue expression analysis, cloning, and characterization of the 5'-regulatory region of the bovine lats 1 gene. *Frontiers in Veterinary Science*, 9: 853819.
- Abd El-Aziz, A.H.**, M.M. Abo Ghanima, W.F. Alsanie, A. Gaber, A.E.-W. Alsenosy, A.A. Easa, S.A. Moawed, S.H.A. Raza, A. Elfadadny and H.A. Yossef, **2022**. Fructooligosaccharide supplementation boosts growth performance, antioxidant status, and cecal microbiota differently in two rabbit breeds. *Animals*, 12(12): 1528.
- Abd El-Aziz, A.H.**, N.I. El-Kasrawy, M.E. Abd El-Hack, S.Z. Kamel, U.E. Mahrous, E.M. El-Deeb, M.S. Atta, M.S. Amer, M.A.E. Naiel and A.F. Khafaga, **2022**. Growth, immunity, relative gene expression, carcass traits and economic efficiency of two rabbit breeds fed prebiotic supplemented diets. *Animal Biotechnology*, 33(3): 417-428.
- Abd El-Hack, M.E., M.T. El-Saadony, H.F. Ellakany, A.R. Elbestawy, S.S. Abaza, A.M. Geneedy, A.F. Khafaga, H.M. Salem, **A.H. Abd El-Aziz** and S. Selim, **2022**. Inhibition of microbial pathogens in farmed fish. *Marine Pollution Bulletin*, 183: 114003.
- Raza, S.H.A., A.A. Hassanin, S.D. Pant, S. Bing, M.Z. Sitohy, S.A. Abdelnour, M.A. Alotaibi, T.M. Al-Hazani, **A.H. Abd El-Aziz** and G. Cheng, **2022**. Potentials, prospects and applications of genome editing technologies in livestock production. *Saudi Journal of Biological Sciences*, 29(4): 1928-1935.
- Farghly, M.F.A., K.M. Mahrose, S.I. Peris, D.E. Abou-Kassem, K.A. Metwally, M.S. Abougabal and **A. Abd El-Aziz**, **2022**. Effects of lighting source as an environmental strategy for heat stress amelioration in growing californian rabbits during summer season. *Animal Biotechnology*, 33(1): 159-166.
- Linsheng Gui, Sayed Haidar Abbas Raza, Boyan Ma, Ahmed A. Easa, Fayez Althobaiti, Mustafa Shukry, Masha'el Alhumaidi Alotaibi, Tahani Mohamed Ibrahim Al Hazani, Mahmoud A.O. Dawood, Rajwali Khan, Ali Raza Jahejo, Abdullah F. Shater, **Ayman H. Abd El-Aziz**, Guobo Quan, Khawla Hassan Alanbari, Lei Wang, **2021**. Cebp β binding directly to the promoter region drives cebpa transcription and improves fabp4 transcriptional activity in adipose tissue of yak (*bos grunniens*). *Research in Veterinary Science*, 141: 174-179.

- Raza, S.H.A., **A.H. Abd El-Aziz**, S.A. Abdelnour, A.A. Easa, M. Alagawany, M.R. Farag, M.G. Al-Mutary, A. Elfadadny, R. Khan and G. Quan, **2021**. The role of forskolin as a lipolytic stimulator during in vitro oocyte maturation and the in vitro embryo production of livestock. *Reproduction in Domestic Animals*, 56(12): 1486-1496.
- Abd El-Aziz, A.H.**, K.M. Mahrose, N.I. El-Kasrawy and A.E.-W.A. Alsenosy, **2021**. Yeast as growth promoter in two breeds of growing rabbits with special reference to its economic implications. *Anais da academia brasileira de ciências*, 93: e20190274.
- Elfadadny, A., H.M. EL-Husseiny, A. Abugomaa, R.F. Ragab, E.A. Mady, M. Aboubakr, H. Samir, A.S. Mandour, A. El-Mleeh and A.H. El-Far, **A.H. Abd El-Aziz**, M. Elbadawy, **2021**. Role of multidrug resistance-associated proteins in cancer therapeutics: Past, present, and future perspectives. *Environmental Science and Pollution Research*, 28: 49447-49466.
- Gui, L.-S., S.H.A. Raza, F.A.E.A. Allam, L. Zhou, S. Hou, I. Khan, I.U. Kakar, **A.H. Abd El-Aziz**, J. Jia and Y. Sun, **2021**. Altered milk yield and rumen microbial abundance in response to concentrate supplementation during the cold season in tibetan sheep. *Electronic Journal of Biotechnology*, 53: 80-86.
- Ghanima, M.M.A., S.A. Ibrahim, M.S. Atta, J.S. Ajarem, S.N. Maodaa, A.A. Allam, A.E. Taha, M.E. Abd El-Hack, K.A. El-Tarabily and **A.H. Abd El-Aziz**, **2021**. Impacts of nano-emulsified vegetable oil on growth, hemato-biochemical markers, oxidative stress, and gut microbiota of new zealand white and v-line rabbits. *Livestock Science*, 252: 104651.
- Guo, H., R. Khan, S.H. Abbas Raza, S.M. Suhail, H. Khan, S.B. Khan, **A.H. Abd El-Aziz** and L. Zan, **2021**. Rna-seq reveals function of bta-mir-149-5p in the regulation of bovine adipocyte differentiation. *Animals*, 11(5): 1207.
- Zhou, L., S.H.A. Raza, Z.-h. Gao, S.M. Sayed, M. Shukry, **A.H. Abd El-Aziz**, M.A. Alotaibi, A.R. Jahejo, J. Simal-Gandara and S.-z. Hou, **2021**. Variations in the insulin receptor substrate 1 (irs1) and its association with growth traits in chinese black tibetan sheep (ovis aries). *Animal Biotechnology*, 32(6): 786-791.
- Hegazy, M.M., A.E.-A.M. Sakr, **A.H. Abd El-Aziz** and A.A. Swelum, **2021**. Effect of adding different concentrations of l-arginine to tris-yolk extender on the quality of sub-fertile ejaculates in buffalo. *Tropical Animal Health and Production*, 53: 1-7.
- Hendawy, A.O., S. Sugimura, K. Sato, M.M. Mansour, **A.H. Abd El-Aziz**, H. Samir, M.A. Islam, A.B.M.R. Bostami, A.S. Mandour and A. Elfadadny, **2021**. Effects of selenium supplementation on rumen microbiota, rumen fermentation, and apparent nutrient digestibility of ruminant animals: A review. *Fermentation*, 8(1): 4.
- Nagy, W., H. Ghoneim, **A. Abd El-Aziz** and A.e. Alsenosy, **2020**. Dietary propolis supplement improves semen characteristics in egyptian buffaloes. *Damanhour Journal of Veterinary Sciences*, 4(2): 11-15. Available from https://djvs.journals.ekb.eg/article_103376.html.
- Elbestawy, A.R., H.A. Abd-Ellatieff, H.F. Ellakany, H.S. Abd El-Hamid, A.A. Abou Rawash, A.R. Gado, **A.H. Abd El-Aziz**, A.A.M. Eid and N.A. El-Shall, **2020**. Respiratory and reproductive impairment of commercial layer chickens after experimental infection with gallibacterium anatis biovar haemolytica. *Avian Diseases*, 64(4): 536-541.

- Gui, L.-s., S.H.A. Raza, L. Zhou, M. Garcia, **A.H. Abd El-Aziz**, D. Wei, S. Hou, J. Jia and Z. Wang, **2020**. Association between single nucleotide polymorphisms in sirt1 and sirt2 loci and growth in tibetan sheep. *Animals*, 10(8): 1362.
- Gui, L.-s., S.H.A. Raza, S. Memon, Z. Li, **A.H. Abd El-Aziz**, I. Ullah, A.R. Jahejo, H. Shoorei, R. Khan, G. Quan and G.Y. Liu, **2020**. Association of hormone-sensitive lipase (hsl) gene polymorphisms with the intramuscular fat content in two chinese beef cattle breeds. *Genomics*, 112(6): 3883-3889.
- Hammod, A.J., **A.H. Abd El-Aziz**, A.H. Areaaer and K.A. Alfertosi, **2020** Effect of dill powder (anethum graveolens) as a dietary supplement on productive performance, mortality and economic figure in broiler. *IOP Publishing*: pp: 012018.
- Liu, G.Y., S.H.A. Raza, L. Zhou, **A.H.A. El-Aziz**, A. Sabek, H. Shoorei, M. Amjadi and L.-s. Gui, **2020**. The genetic polymorphisms of melanocortin-4 receptor gene are associated with carcass quality traits in a chinese indigenous beef cattle breed. *Research in Veterinary Science*, 132: 202-206. <https://www.sciencedirect.com/science/article/pii/S0034528819311324>.
- El-Kasrawy, N.I., A.A. Swelum, M.A. Abdel-Latif, A.E.-W.A. Alsenosy, N.A. Beder, S. Alkahtani, M.M. Abdel-Daim and **A.H. Abd El-Aziz**, **2020**. Efficacy of different drenching regimens of gluconeogenic precursors during transition period on body condition score, production, reproductive performance, subclinical ketosis and economics of dairy cows. *Animals*. 10(6), 937; <https://doi.org/10.3390/ani10060937>.
- Zhao, C., S.H.A. Raza, R. Khan, A. Sabek, S. Khan, I. Ullah, S. Memon, **A.H.A. El-Aziz**, M.A. Shah, L. Shijun, L. Wang, X. Liu, Y. Zhang, L. Gui and L. Zan, **2020**. Genetic variants in myf5 affected growth traits and beef quality traits in chinese qinchuan cattle. *Genomics*, 112(4): 2804-2812.
- Abo Ghanima, M.M., M.A. El-Edel, E.A. Ashour, M.E. Abd El-Hack, S.I. Othman, M.A. Alwaili, A.A. Allam, A.F. Khafaga and **A.H. Abd El-Aziz**, **2020**. The influences of various housing systems on growth, carcass traits, meat quality, immunity and oxidative stress of meat-type ducks. *Animals*. 10(3),410; <http://doi.org/10.3390/ani10030410>.
- Khan, R., S.H.A. Raza, H. Guo, W. Xiaoyu, W. Sen, S.M. Suhail, A. Rahman, I. Ullah, **A.H. Abd El-Aziz**, Z. Manzari, A. Alshawi and L. Zan, **2020**. Genetic variants in the torc2 gene promoter and their association with body measurement and carcass quality traits in qinchuan cattle. *PLOS ONE*, 15(2): e0227254. Available from <https://doi.org/10.1371/journal.pone.0227254>.
- Ahmadipour, B., M. Kalantar, N.M. Schreurs, S.H.A. Raza, R. Khan, S. Khan, **A.H. Abd El-Aziz**, S. Memon, I. Ullah and A. Samira, **2020**. Flavonoid bioactive compounds of hawthorn extract can promote growth, regulate electrocardiogram waves, and improve cardiac parameters of pulmonary hypertensive chickens. *Poultry Science*, 99(2): 974-980. Available from <https://www.sciencedirect.com/science/article/pii/S0032579119441795>.
- Abd El-Aziz, A.**, M. Aboghanima, S. Kamel, E. El-Deeb and U.E.-S. Mahrous, **2020**. Influence of two dietary prebiotic oligosaccharides supplementation on productive performance and carcass traits with special attention to their biochemical alterations in two rabbit breeds. *Damanhour Journal of Veterinary Sciences*, 3(1): 1-7. Available from https://djvs.journals.ekb.eg/article_64282.html.

- El-Aziz, A.H.A.**, N.I. El-Kasrawy, M.M. Abo Ghanima, A.E.-W.A.E. Alsenosy, S.H.A. Raza, S. Khan, S. Memon, R. Khan and I. Ullah, **2020**. Influence of multi-enzyme preparation supplemented with sodium butyrate on growth performance blood profiles and economic benefit of growing rabbits. *Journal of Animal Physiology and Animal Nutrition*, 104(1): 186-195. Available from <https://doi.org/10.1111/jpn.13227>.
- Raza, S.H.A., L. Shijun, R. Khan, N.M. Schreurs, Z. Manzari, **A.H. Abd El-Aziz**, I. Ullah, N. Kaster, M.A. Shah and L. Zan, **2020**. Polymorphism of the plin1 gene and its association with body measures and ultrasound carcass traits in qinchuan beef cattle. *Genome*, 63(10): 483-492. Available from <https://doi.org/10.1139/gen-2019-0184>
- Ghanima, M.M.A., N.I. El-Kasrawy and **A.H. Abd El-Aziz**, **2019**. Impact of soymilk on productive and biochemical performances as well as economic indices of two commercial broiler breeds. *Alex. J. Vet. Sci.*, 60 (1):63-72. <https://doi.org/10.5455/ajvs.14580>.
- Alsenosy, A.E.-W.A. and **A.H. Abd El-Aziz**, **2019**. Effect of garlic supplementation to rabbit semen extender on semen metabolic and oxidative markers. *Alex. J. Vet. Sci.*, 60 (1):94-101. <https://doi.org/10.5455/ajvs.20798>.
- Kalantar, M., S.M. Hosseini, L. Yang, S.H.A. Raza, L. Gui, M. Rezaie, M. Khojastekey, D. Wei, R. Khan, S. Yasar, S.F. Syed, A.B. Kachiwal, M. Elkharey, Q. Lei, R.R. Kaleri and **A.H.A. El-Aziz**, **2017**. Performance, immune, and carcass characteristics of broiler chickens as affected by thyme and licorice or enzyme supplemented diets. *open journal of animal sciences*. Vol.07 No. 02: 5.
- Ayman H. Abd El-Aziz**, Usama E. Mahrous, S.Z. Kamel and A.A. Sabek, **2016**. Factors influencing in vitro production of bovine embryos: A review. *Asian Journal of Animal and Veterinary Advances*, 11: 737-756.
- Sabek, A.A., S.M.E. Laithy, E.A. Mahmoud, M.M. Karousa and **A.H. Sadaka**, **2016**. Effect of housing enrichment on performance, behavior and meat quality of egyptian geese. *Asian J. Poult. Sci*, 10: 153-157.
- Mahrous, U.E., **A. Abd El-Aziz**, A.I. El-Shiekh and S.Z. EL-kholya, **2012**. Preparation influences of breed, sex and sodium butyrate supplementation on the performance, carcass traits and mortality of fattening rabbits. *International Journal of Animal and Veterinary Sciences*, 6(7): 487-494.
- Abd El-Aziz, A.H.**, S. Z. El-Kholya, A.I. El-Shiekh and U.E. Mahrous, **2012**. Influences of breed, sex and sodium butyrate supplementation on the performance, carcass traits and mortality of fattening rabbits. *Alexandria Journal of Veterinary Sciences*, 35(1): 143-153.

Chapters in books:

1. Rosy G. Cruz-Monterrosa, Daniel Mota-Rojas, **Ayman Hassan Abd El-Aziz**, Adolfo A. Rayas Amor, Isabel Guerrero Legarreta, José Ángel Pérez-Álvarez, Efrén Ramírez-Bribiesca, Manuel Viuda-Martos, Juana Fernández-López, Marcelo R. Rosmini y Fabio Napolitano. CHAPTER 29. Calidad de la carne de búfalo de agua: análisis nutricional, sensorial e inocuidad, conservación, empackado y autenticidad/Quality of river buffalo meat: nutritional, sensory and safety analysis,

preservation, packaging and authenticity. 3rd. Edition. Fabio Napolitano et al. (2020). Pages 1279-1318.

2. Mota-Rojas, D., F. Napolitano, **A. Abdad-Haziz**, **A. Braghieri**, D. Rodriguez, J. Jacome and A. Pereira, 2022. Bienestar de la búfala durante el parto y ordeño, aspectos fisiológicos y conductuales.
3. Mota-Rojas, D., F. Napolitano, **A. El-Aziz**, **H. Ayman**, A.C. Strappini, J. Martínez-Burnes, G. De Rosa, D. Hufana-Duran, A. Braghieri and M. González-Lozano, 2022. Perinatalogical, obstetrics and gynecological conditions in water buffalo/aspectos perinatólogicos y ginecobstétricos en búfalos de agua. In: El búfalo de agua en las américas. Fourth edition. BM Editores Press.