Ahmed Yehia Badawy

Personal information:

Full Name: Ahmed Yehia Badawy Elmoghazy

Birth date: 30 October 1978 (Place of birth: El-Dakahlia Governorate- Egypt)

Nationality: Egyptian

Academic affiliation: Animal Prod. Dept., Fac. of Agric., Suez Canal University, Ismailia, Egypt

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Researchgate link: https://www.researchgate.net/profile/Ahmed_Badawy19

Research interest

- Animal and poultry improvement by both traditional and modern techniques.
- Genomic selection.
- Bioinformatics
- Genetic diversity.
- Immunogenetics.

Education

2016: Universidad Politécnica de Valencia (UPV), Valencia, Spain
Ph.D. In Animal Production Science and Technology.
Title:" Selection for Ovulation Rate and Litter Size in Rabbits"

2008: Suez Canal University, Ismailia, Egypt
M.Sc. In Agricultural Sciences [Poultry Production (Breeding and Genetics)]
Title: "Divergent Selection in Japanese Quail for Body Weight Under Subtropical Conditions".

1999: Suez Canal University, Ismailia, Egypt
*B.Sc. in Agricultural Sciences (Animal and Poultry Production) with an Average Grade: **Very Good.***

Occupation:

Feb. 2017 – Present: Lecturer of Poultry Breeding and Genetics, Faculty of Agriculture, Suez Canal University (Egypt)

Feb. 2012 – Oct. 2016: PhD Student in Animal Science Department, Universidad Politecnica de Valencia (UPV), Valencia, Spain.

Nov. 2008 - Feb. 2017: Assistant Lecturer of Poultry Breeding and Genetics, Faculty of Agriculture, Suez Canal University (Egypt)

Oct. 1999 - Nov. 2008: Teaching Assistant of Poultry Breeding and Genetics, Faculty of Agriculture, Suez Canal University (Egypt)

Funding

Feb. 2014 - Oct. 2016:	PhD Researcher in Universidad Politecnica de Valencia (UPV, Spain), private funding.
Feb. 2012 - Feb. 2014:	Joint Supervision Scholarship (2 Years) in Universidad Politecnica de Valencia (UPV, Spain) funded by the Ministry of Higher Education, Egyptian Government.
1998:	Fully funded special training in Ismailia Misr / Poultry Company; Sarabyoum, P.O.Box 28, Ismailia , Egypt

Certificates and Courses:

April 2013:	Statistical Methods to Predict Complex Characteristics Using Genetic Information **Prof. Daniel Gianola** **[Held in Animal Science Department, UPV]**
January 2013:	Introduction to Bayesian Statistics with MCMC **Prof. Agustin Blasco** **[Held in Animal Science Department, UPV]**
September 2012:	Introduction to FORTRAN **Prof. Luis Varona** **[Held in Animal Science Department, UPV]**
September 2012:	Introduction to R **Dr. Oscar González Recio** **[Held in Animal Science Department, UPV]**

Skills and qualifications:

Language skills:	• **Arabic** is the Mother Tongue. • Very Good in **English** (Speaking and writing), Achieved Score of 75 in Internet Based Toefl (iBT). • Good in **Spanish**
Computer skills:	• International Computer Driving Licence (ICDL). • SAS, Statgraphics, PEST, VCE, TM, Bayesian Statistical Programs Package (UPV), R, python
Technical and practical skills:	• Rabbit Laparoscopy Techniques. • Statistical Analysis (**Frequentist and Bayesian Statistics**)

Research experiences

Projects:	• Member of the project entitled "Fingerprinting of DNA of Important Breeds of Chicken in Egypt". • Member of the project entitled "Detection of Genetic Modified Food and Feed in Egypt", 2010. • Member of the project entitled "Selection for Ovulation Rate and Litter Size in Rabbits", Valencia, Spain 2012 till now.

Publications

- **Peiró, R.; <u>Badawy, A. Y.</u>; Blasco, A.; Santacreu, M. A (2019).** Correlated Responses on Growth Traits After Two-Stage Selection for Ovulation Rate and Litter Size in Rabbits. Animal, 13:11, pp 2457–2462. doi:10.1017/S1751731119001423
- **<u>Badawy, A. Y.</u>; Peiró, R.; Blasco, A.; Santacreu, M. A (2019).** Correlated Response on Litter Size Traits and Survival Traits after Two-Stage Selection for Ovulation Rate and Litter Size in Rabbits. Animal, 13:3, pp 453-459. doi: 10.1017/S1751731118002033
- **Peiró, R.; <u>Badawy, A. Y.</u>; Blasco, A.; Santacreu, M. A. (2017).** Selection for Ovulation Rate and Litter Size Using Independent Levels in Rabbits: Correlated Responses on Growth Traits. 17th Conference on Animal Production, 30 - 31 May 2017, Zaragoza, Spain, pp: 483-485. https://www.cabdirect.org/cabdirect/abstract/20173312858
- **<u>Badawy, A. Y.</u>** (2016). Selection for Ovulation Rate and Litter Size in Rabbits [Thesis doctoral]. Universitat Politècnica de València. doi:10.4995/Thesis/10251/73265.

- **Santacreu, M. A.; Peiró, R.; Mocé, M. L.; <u>Badawy, A. Y.</u>; Blasco, A.** (2016). The Improvement of Litter Size Through the Ovulation Rate and Prenatal Survival in Rabbit. 18th National Meeting of Animal Genetic Improvement, 2 - 3 June 2016, Valencia, Spain. http://acteon.webs.upv.es/CONGRESOS/XVIIIRMG/Comunicaciones/Santacreu%20MA.pdf
- **<u>Badawy, A. Y.</u>; Peiró, R.; Blasco, A.; Santacreu, M. A (2016).** Effect of Increased Ovulation Rate on Embryo and Foetal Survival as a Model for Selection by Ovulation Rate in Rabbits. World Rabbit Science, Vol. 24 (2): 87-94.
  doi: https://doi.org/10.4995/wrs.2016.3992
- **<u>Badawy, A. Y.</u>; Peiró, R.; Blasco, A.; Santacreu, M. A (2015).** Selection for Ovulation Rate and Litter Size in Rabbits. Correlated Response on Prenatal Survival. 16th Conference on Animal Production, 19 - 20 May 2015, Zaragoza, Spain, Vol. I & II, pp: 549-551
  https://www.cabdirect.org/cabdirect/abstract/20163059197
- **<u>Badawy, A. Y.</u>; Peiró, R.; Santacreu, M. A. (2013).** Effect of Superovulation on Embryo and Foetal Survival on Multiparous Does. 15th Conference on Animal Production, 14 - 15 May 2013, Zaragoza, Spain, Vol. I & II, pp: 320-322.
  https://www.cabdirect.org/cabdirect/abstract/20133263968
- **<u>Badawy, A. Y.</u>; Peiró, R.; Mocé,M.L.; Blasco, A.; Santacreu, M. A. (2013).** Response to Selection for Ovulation Rate and Litter Size in Rabbits. 15th Conference on Animal Production, 14 - 15 May 2013, Zaragoza, Spain, Vol. I & II, pp: 457-459.
  https://www.cabdirect.org/cabdirect/abstract/20133264013
- **<u>Badawy, A. Y.</u>, A. M. Abdel-Ghany, H. M. Sabri and M. S. Khattab** (2010). Genetic Evaluation and Trends of Japanese Quail Data after Two Generations of Divergent Selection for 4-wk Body Weight. Agricultural Research Journal Suez Canal University, 10 (2): 17-22.
- **<u>Badawy, A. Y.</u>, A. M. Abdel-Ghany, H. M. Sabri and M. S. Khattab** (2010). Mixed Model Genetic Analysis of Japanese Quail Data After Two Generations of Divergent Selection for Four Week Body Weight. Agricultural Research Journal, Suez Canal University, 10 (2): 7-15.
- **<u>Badawy, A. Y.</u>** (2008). Divergent Selection in Japanese Quail for Body Weight Under Subtropical Conditions [Master Thesis]. Suez Canal University, Egypt.

Attendance of Conferences

2016	- 18th National Meeting of Animal Genetic Improvement, 2 - 3 June 2016, Valencia, Spain
2015	- 16th Conference on Animal Production, 19 - 20 May 2015, Zaragoza, Spain.
2013	- 15th Conference on Animal Production, 14 - 15 May 2013, Zaragoza, Spain.
2010	- The National Meeting about "Health and Safety in Laboratories", 2010, Community Medicine Department, Faculty of Medicine, Suez Canal University, Ismailia, Egypt.
2006	- The National Meeting about "Avian influenza", 2006, Faculty of Veterinary Medicine, Suez Canal University, Ismailia, Egypt.
2006	- The National Meeting about "Rabbit production", 2006, Animal Health Research Institute, Ismailia, Egypt.

Services and activities

May 2022- present	- *Trainer of digital transformation certificate.*
June 2021- present	- *Director of Information Technology Unit in the Faculty of Agriculture, Suez Canal University, Egypt.*
October 2020 - present	- *Vice Director of Education Development Center (EDC), Suez Canal University*
July 2019 - present	- *Director of Suez Canal University Portal Unit, Education Development Center (EDC)*
October 2017 till July 2018:	- *Director of Information Technology Unit in the Faculty of Agriculture, Suez Canal University, Egypt.*

2004 - present:	• *Editorial Board Member of the Agriculture Research Journal, Suez Canal University*
	• *Member in the executive committee of CIQAP project, Faculty of Agriculture, Suez Canal University*
2004 - present:	*Member of Information Technology Center Board, Faculty of Agriculture, Suez Canal University*

Teaching Responsibility and Experience:

Undergraduate:
- Animal Physiology [First year (*General*)].
- Animal and poultry production [Second year (*General*)].
- Endocrinology [Third year (*Animal Production Department*)].
- Poultry Production [Third year (*Animal Production Department*)].
- Watery Birds [Third year (*Fish Resources*)].
- Incubation and Brooding [Third year (*Animal Production Department*)].
- Fundamentals of Animal & poultry Breeding Fourth [year (*Animal Production Department*)].
- Animal & poultry Genetic Improvement [Fourth year (*Animal Production Department*)]

Postgraduate:
- Experimental Design of Animal Production.
- Population Genetics.
- Statistical Analysis and its Applications in Animal Production.
- Methods of Animal Breeding and improvement.
- Selection Indices and their Applications in Animal Production.
- Analysis of Unbalanced Data
- Advanced Poultry Breeding.
- Poultry Biometrics.
- Poultry Biometrics Using Least Squares Analysis
- Advanced breeder and Broiler Husbandry.
- Poultry Immunogenetics.
- Quantitative Traits in Poultry Breeding.
- Genetic Improvement in Poultry.

Reviewing certificate:

- *Reviewer in Cureus Journal of Medical Science*