

CURRICULUM VITAE

Prof. Dr. Sherif Ibrahim Ahmed RAMADAN
B.V.SC, M.V.SC., Ph. D., Kyoto University, JAPAN
Professor of Animal Production, Breeding and Genetics

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Personal Data

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Date of birth: November 13, 1976

Place of Birth: Monofiya, Egypt

Marital status: Married and have 3 kids (Mahmoud & Ibrahim & Farida)

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Educational Background

2001 Bachelor of Veterinary Medicine, Faculty of Veterinary Medicine, Zagazig university, Benha branch (Very good with honor grade), Egypt.

2005 Master of Veterinary Sciences, Animal Wealth Development Dept., Faculty of Veterinary Medicine, Benha University, Egypt.

2013 Ph.D at Kyoto university, Japan

Professional position

2002-2005	Demonstrator in Animal Wealth Development Department, Faculty of Veterinary Medicine, Benha University, Egypt
2005-2009	Assistant Lecturer in Animal Wealth Development Department, Faculty of Veterinary Medicine, Benha University, Egypt
2009-2013	Member of Egyptian governmental mission for Ph.D at Kyoto university, Japan
2013-2016	Lecturer of Animal breeding and Production in Animal Wealth Development Dept., Faculty of Veterinary Medicine, Benha University, Egypt
2016 – 2017	Postdoctoral fellow from Egyptian Ministry of Higher Education at Kyoto university, Japan
April - May 2017	Postdoctoral fellow from Kyoto University Supporting program for interaction-based initiative team studies (SPIRITS) at Kyoto university, Japan
2019- 2024	Associate professor of Animal breeding and Production in Animal Wealth Development Dep., Faculty of Veterinary Medicine, Benha University, Egypt
January - June 2023	Postdoctoral fellow from Egyptian Ministry of Higher Education at Kyoto university, Japan
February, 2024 till now	Professor of Animal breeding and Production in Animal Wealth Development Faculty of Veterinary Medicine, Benha University, Egypt

Administrative positions

2018-2019	Coordinator of Leadership and governance standard for renewing of the quality assurance and accreditation of the Faculty of Veterinary Medicine, Benha University
2020-2022	Head of the department of Animal Wealth Development

Teaching activities

2002-2009	Teaching the practical part of Animal, Poultry Breeding and Production course for undergraduate students, Faculty of Veterinary Medicine, Benha University.
2013-present	Teaching the Animal, Poultry Breeding and Production courses for undergraduate and postgraduate students, Faculty of Veterinary Medicine, Benha University
2015 - present	Teaching the Biostatistics course for undergraduate students, Faculty of Veterinary Medicine, Benha University. Teaching the Biotechnology course for undergraduate students, Faculty of Agriculture, Benha University.
2020 - present	Teaching the Bioinformatics course for postgraduate students, Faculty of Veterinary Medicine, Benha University.

Training activities

- a) A trainer of molecular biology techniques (DNA extraction, gel electrophoresis, RFLP, PCR, Real-time PCR and DNA Sequencer) for the undergraduate and postgraduate student at central laboratory, Faculty of Veterinary Medicine, Benha University.
- b) A trainer of Bioinformatics softwares for researchers at central laboratory, Faculty of Veterinary Medicine, Benha University.
- c) A trainer for application of microsatellite data for parentage testing (Arabian horse, camels, pigeons and dogs)

Distinction and Awards

- a) Award of **IDEAL STUDENT** of Faculty of Veterinary Medicine, Benha University.in 1999 (undergraduate student at the third year)
- b) Award of the senior (Top Grade) of the Graduates of the Year 2001 (cumulative total ranking for the five years of BVSC degree); from Faculty of Veterinary Medicine, Benha University.
- c) Full governmental scholarship from Egyptian Ministry of Higher Education for pursuing PhD at Kyoto University, Japan (2009 - 2013).
- d) Postdoctoral fellow from Egyptian Ministry of higher education at Kyoto university,(2016 -2017).
- e) Postdoctoral fellow from Kyoto University Supporting program for interaction-based initiative team studies (SPIRITS) at Japan (April - May 2017)
- f) Award of International Publishing and Scientific Excellence, Benha University, 2015 and 2018.

Professional Societies and Associations

- 1. Member of Quality Assurance and Accreditation system at Faculty of Veterinary Medicine, Benha University, Egypt.
- 2. A member of Egyptian Rabbit Science Association (2004)
- 3. A member of Egyptian buffaloes improvement Association (2015)
- 4. A member of Egyptian Poultry Science Association (2018)

International Activities

- A Peer reviewer for the international journals; Scientific Reports, Animals, Plos one, British Poultry Science, Veterinarni Medicina
- A member of Kyoto Muslim Association, JAPAN (valuable contribution to Kyoto Muslim Association activities)

Projects

1. Principle investigator of project entitled “Genetic improvement of local rabbit breeds by using molecular genetic techniques "supported by Scientific Research Fund, Benha University, Egypt.
2. Co-investigator of project entitled "Conservation and estimation of the genetic diversity and population structure of Egyptian geese” supported by Science and Technology Development Fund (STDF), Ministry of Higher Education, Egypt.
3. Co-investigator of project entitled “Genetic improvement of Japanese quail using molecular tools”, supported by Scientific Research Fund, Benha University, Egypt.
4. Co-investigator of project entitled “Detection of Severe Combined Immunodeficiency Disease (SCID) and Parentage Test for Arabian Horse Using Molecular Techniques” supported by Scientific Research Fund, Benha University, Egypt.

Professional meeting and Conferences

1. Attending a workshop on “The second international Egyptian-French Workshop on MLV Technique” November 20th 2019; Faculty of Veterinary Medicine, Benha University, EGYPT.
2. International Symposium “”Polymerase Chain Reaction and Bioinformatics in Applicable Science” 1st April, 2019; National Research Center, Giza, EGYPT.
3. Attending a workshop on “Proposal Writing for Post Docs” December 17th 2018; DAAD Kairo Akademie, EGYPT.
4. Attending a workshop on “How to Present Scientific Data” November 13th 2018; DAAD Kairo Akademie, EGYPT
5. 6th international conference of Faculty of Veterinary Medicine, Benha University, “

- Future prospects for Veterinary Medicine in sustainable development ”, August 1st-4th , 2018; Sharm El-Sheikh, EGYPT
6. 7th international conference of veterinary research division “Development of animal wealth challenges and solutions” December 5-7th, 2017; National Research Center, Cairo, EGYPT.
 7. 7th International Symposium on Primatology and Wildlife Science, March 2nd – 4th, 2017; Kyoto University, JAPAN
 8. Kyoto University Interdisciplinary Unit for African Studies, Kickoff Symposium, March 11-12th, 2017; Kyoto University, JAPAN
 9. 9th international scientific conference “New horizons for the development of Animal, Poultry and Fish Wealth” December 5-7th, 2016; Mansura University, Mansura, EGYPT.
 10. 4th conference for enhancing scientific research (ESR-2016) “Excellence in Innovation and Sustainable Development”, July 25-27th, 2016; Tanta University, EGYPT.
 11. 3rd international conference on Agricultural Biotechnology Application (ICBAA) April 5 – 9th, 2016; Sharm El-Sheikh, EGYPT
 12. Attending a workshop on “Supporting and following up the competitive scientific research projects for young researchers of Benha University” September 19th 2015; Scientific Research Fund of Benha University, EGYPT
 13. Attending a workshop on “Polymerase Chain reaction (PCR) as a diagnostic tool” May 16th to June 3rd 2015; Central of Excellence in Scientific Research, Faculty of Veterinary Medicine, Benha University, EGYPT
 14. Attending a workshop on application of microsatellite data for horse parentage testing as a tutor, October 19 – 21th 2014; Animal Health Research Institute, EGYPT
 15. International Seminar in JSPS Core-to-Core Program “Current states and problems of the study for wildlife conservation” 20th August 2013; Wildlife Research Centre, Kyoto University, JAPAN

16. International Seminar on conservation and Sustainable Use of Ghanaian Wildlife
“Summary and Future Plan” 27th September, 2012; Graduate School of Science,
Kyoto University, JAPAN.
17. gCOE symposium at Graduate School of Science February 29th, 2012; Kyoto
University, JAPAN.
18. International Seminar on conservation and Sustainable Use of Ghanaian Wildlife
“Research Report and Plan for This Year” 8th June, 2011; Wildlife Research Centre,
Kyoto University, JAPAN
19. International Seminar on collaboration for conservation and sustainable utilization of
wildlife resources in Ghana” 8th-9th June, 2010; Graduate School of Science, Kyoto
University, JAPAN.
20. 15th Kyoto University International Symposium: Biodiversity, Zoos and Aquariums
“The Message from Animals” September 2010; Nagoya, JAPAN

Research interest and Professional techniques

a) Research interest

My research interests are in the areas of

- 1- Animal and Poultry Breeding and Genetics
- 2- Animal and Poultry Production
- 3- Genetic diversity and phylogeny in order to develop a sound conservation program for animal species based on microsatellites and mitochondrial molecular markers
- 4- Surveying individual differences in functional genes related to production, reproduction and personality traits

b) Professional techniques

1. DNA and RNA extraction
2. Conventional PCR
3. Gel electrophoresis
4. Primer and probe sequence design
5. Real-time PCR
6. DNA sequencer (Genetic Analyzer)

7. Bioinformatics and Sequence data analysis
8. Microsatellites data analysis
9. Experimental design consultant (designing experimental research).

Computer and statistical skills

1. International computer driver license (ICDL) certification (word, Access, excel, PowerPoint, internet, information technology, using the computer and managing files).
2. Skillful Statistical analysis using Excel, SPSS
3. Preparation of Electronic book.

Communication skills

1. Arabic, Mother tongue
2. English, very Good (83 score; TOEFL IBT)
3. Japanese, moderate

Thesis

1. Mater thesis

A study of the performance of rabbit doe for some production, reproduction and milk production traits

2. PhD thesis

A study on genetic diversity of Egyptian native livestock

Number of thesis under my supervision

- a) Master =six
- b) PhD = Five

List of Publication

1. Manaa, E.A., El-Attrouny, M.M., Amal, E.L., Albadrani, G.M., Al-Ghadi, M.Q., Abdel-Daim, M.M., El-Tarabany, M.S. and **Ramadan, S.I.**, (2024). Laying performance, genetic parameters, and the expression of FSH β , LH β , FSHR, and LHR genes in Japanese quails selected for early egg production. *Poultry Science*, 103(2), p.103358.
2. Nowier, A.M., Darwish, H.R., **Ramadan, S.I.** and Othman, O.E., 2023. Allele mining in prolactin receptor gene and its association with some economic traits in Egyptian goat breeds. *Animal Biotechnology*, pp.1-9.
3. Nowier, A.M., Darwish, H.R., **Ramadan, S.I.**, El-Maaty, N.A.A. and Othman, O.E., (2021). Polymorphism Detection in Alpha-Lactalbumin Gene and its Association with Some Productive Traits in Egyptian Goats. *Pakistan Journal of Zoology*, 54(4), pp.1-9.
4. Nowier, A.M., **Ramadan, S.I.** and El Nagar, A.G., (2022). Genetic analysis of prolificacy, milk production and composition traits in Egyptian Zaraibi goats. *Animal Biotechnology*, pp.1-8.
5. Manaa E.A., El-Attrouny M.M., Baloza S.H. and **Ramadan S.I.**, (2022). Selection for high body weight and its association with the expression profiles of somatotropic axis and mitochondrial genes in Japanese quail. *Pakistan Veterinary Journal*, 42(2): 261-265
6. Abdel-Kafy, E.S.M., **Ramadan, S.I.**, Ali, W.H., Youssef, S.F., Shabaan, H.A., El-Deighadi, A. and Inoue-Murayama, M., (2021). Genetic and Phenotypic Characterization of Domestic Geese (*Anser anser*) in Egypt. *Animals*, 11(11), p.3106.
7. Sargious, M.A., El-Shawarby, R.M., Abo-Salem, M.E., EL-Shewy, E.A., Ahmed, H.A., Hagag, N.M. and **Ramadan, S.I.**, (2021). Genetic diversity of Egyptian Arabian horses from El-Zahraa stud based on 14 microsatellite marker. *Slovenian Veterinary Research*, 58(2).
8. Sargious, M.A., El-Shawarby, R.M., Abo-Salem, M.E., EL-Shewy, E.A., Ahmed, H.A., Hagag, N.M. and **Ramadan, S.I.**, (2021). Genetic characterization and parentage assignment of Egyptian Arabian horses based on two microsatellite panels. *Gene Reports*, 23, p.101117.
9. Sargious, M.A., Ahmed, H.A., El-Shawarby, R.M., Bakery, H.H., **Ramadan, S.I.**, Cothran, E.G. and Farid, A.S., (2021). Genetic Diversity and Population Assignment of Arabian Horses. *Pakistan J. Zool.*, 53, pp. 9-20.
10. Sabry, A., **Ramadan, S. I.**, Hassan, M.M., Mohamed, A.A., Mohammedein, A. and Inoue-Murayama, M., (2021). Assessment of genetic diversity among Egyptian and Saudi chicken ecotypes and local Egyptian chicken breeds using microsatellite markers. *Journal of Environmental Biology*, 42(1), pp.33-39.

11. Khalil, M.H.E.N., Zaghloul, A.R., Iraqi, M.M., El Nagar, A.G. and **Ramadan, S.I.**, (2021). Association of GH gene polymorphism with growth and semen traits in rabbits. *World Rabbit Science*, 29(1), pp.31-40.
12. Nowier, A.M. and **Ramadan, S.I.**, (2020). Association of β -casein gene polymorphism with milk composition traits of Egyptian Maghrebi camels (*Camelus dromedarius*). *Archives Animal Breeding*, 63(2), pp.493-500.
13. El-Attrouny, M.M., Manaa, E.A. and **Ramadan, S. I.** (2020). Genetic evaluation and selection correlated response of growth traits in Japanese quail. *South African Journal of Animal Science*, 50(2), pp.325-333.
14. **Ramadan, S. I.**, Manaa, E.A., El-Atrony, M.E., EL Nagar, A.G. (2020) Association of growth hormone (GH), insulin-like growth factor 2 (IGF2) and progesterone receptor (PGR) genes with some productive traits in Gabali rabbits. *World Rabbit Science*, 28 (3), p. 135-144
15. Nowier, A.M., Darwish, H.R., **Ramadan, S. I.** and Othman, O.E. (2019). Polymorphism of lactoferrin gene in Egyptian goats and its association with milk composition traits in Zaraibi breed. *Tropical animal health and production*, pp.1-7.
16. Badr, O.A.M., El-Shawaf, I.I.S., Khalil, M.H.A., Refaat, M.H. and **Ramadan, S. I.** (2019). Molecular genetic diversity and conservation priorities of Egyptian rabbit breeds. *World Rabbit Science*, 27(3), pp.135-141.
17. Nowier, A.M., El-Metwaly, H.A. and **Ramadan, S. I.** (2019). Genetic variability of tyrosinase gene in Egyptian camel breeds and its association with udder and body measurements traits in Maghrebi camel breed. *Gene Reports*, p.100569.
18. **Ramadan, S. I.**, Miyake, T., Yamaura, J. and Inoue-Murayama, M., (2018). LDHA gene is associated with pigeon survivability during racing competitions. *PloS one*, 13(5), p.e0195121.
19. **Ramadan, S. I.**, Nowier, A.M., Hori, Y. and Inoue-Murayama, M., (2018). The association between glutamine repeats in the androgen receptor gene and personality traits in dromedary camel (*Camelus dromedarius*). *PloS one*, 13(2), p.e0191119.
20. **Ramadan, S. I.**, Dawod, A., El-Garhy, O., Nowier, A.M., Eltanany, M. and Inoue-Murayama, M. (2018). Genetic characterization of 11 microsatellite loci in Egyptian pigeons (*Columba livia domestica*) and their cross-species amplification in other Columbidae populations. *Veterinary world*, 11(4), p.497.
21. Abdel-Kafy EM, Ahmed SSE, El-keredy A, Ali NI, **Ramadan S. I.**, Farid A (2018). Genetic and phenotypic characterization of the native rabbits in the Middle Egypt, *Veterinary World*, 11(8) p.1120-1126
22. **Ramadan, S.I.**, Nagao, K., Abe, H., Inoue-Murayama, M. (2018). Polymorphism of serotonin

transporter *5-HTT* gene intron2 and its association with chicken tonic immobility 6th international conference of Faculty of Veterinary Medicine, Benha University “ Future prospects for Veterinary Medicine in sustainable development ”, August 1st-4th , 2018; Sharm El-Sheikh, EGYPT

23. Nowier, A.M., **Ramadan, S. I.**, Mahrous, M.Y., Belgasim, S.S.H. and El-Denary, M.E. (2018). Genetic and productive studies on Egyptian local and exotic laying hen breeds. *Egyptian Poultry Science Journal*, 38(1), pp.179-194.
24. **Ramadan, S. I.** and Inoue- Murayama. M. (2017). Advances in camel genomics and their applications: A review. *The Journal of Animal Genetics* 45 (2), P 49-58.
25. Zienab, H.S. Abo-Gamil El-Bayomi, Kh. M., Abo-Salem, M.E.S., **Ramadan, S. I.**, Darwish, S.A., Eman, A. Sallam Eman, A. Manaa. (2017). Estimation of genetic and phenotypic parameters for some productive and reproductive traits in Egyptian buffaloes. 2nd ISEC-AVE, 7-10th October 2017, Benha, Egypt.
26. El-Aksher, S. H., Sherif, H. S., Khalil, M. H., El-Garhy, H. A., **Ramadan, S. I.** (2017). Molecular analysis of a new synthetic rabbit line and their parental populations using microsatellite and SNP markers. *Gene Reports*, 8, 17-23.
27. Basant, M. Shafik., El-Bayoumi, Kh, Abo-Salem, M., Darwish, S., **Ramadan, S. I.** (2017) Detection of SNPs in exon 10 locus of FSHR gene and their association with some fertility problems in Egyptian buffaloes. *BVMJ*, 32: 160-169.
28. El-Aksher, S. H., Sherif, H. S., Khalil, M. H., El-Garhy, H. A., **Ramadan, S. I.** (2016). Polymorphism of progesterone receptor gene in Moshtohor line rabbits and their parental lines using PCR-RFLP technique. 3rd international conference on Agricultural Biotechnology Application (ICBAA) April 5 – 9th, 2016; Sharm El-Sheikh, Egypt
29. El-Aksher, S. H., Sherif, H. S., Khalil, M. H., El-Garhy, H. A., **Ramadan, S. I.** (2016). Comparative genetic analysis among Moshtohor line rabbits and their parental lines using microsatellite markers. 3rd international conference on Agricultural Biotechnology Application (ICBAA) April 5 – 9th, 2016; Sharm El-Sheikh, Egypt
30. Dawod, A., Abdel-Hamid, T. M., and **Ramadan, S. I.** (2015). Influences of Prefresh and Early Fresh Body Condition Score Changes on Some Holstein Dairy Performance Traits. *Research & Reviews: Journal of Dairy Science & Technology*, 4: 12-18.
31. **Ramadan S. I.**, Yamaura J., Miyake T and Inoue-Murayama M. (2013). DNA polymorphism within *LDH-A* gene in pigeon. (*Columba livia*). *Journal of Poultry Science* 50: 194 – 197.

32. **Ramadan S. I.**, Kayang B., Inoue E., Nirasawa K., Hayakawa H., Ito S and Inoue-Murayama M (2012). Evaluation of genetic diversity and conservation priorities for Egyptian chickens. *Open Journal of Animal Sciences* 2: 183 – 190.
33. **Ramadan S. I.**, Abe H., Hayano A., Yamaura J., Onoda T., Miyake T and Inoue-Murayama M. (2011). Analysis of genetic diversity of Egyptian pigeon breeds. *Journal of Poultry Science* 48: 79 – 84.

Scientific Book

I) Animal, Poultry Breeding and Production for undergraduate students

Volume I : Animal and Poultry Breeding

Volume II : Animal and Poultry Production

Volume III: Practical Notes in Animal and Poultry Breeding and Production

II) Principals of Biostatistics for undergraduate students

III) Bioinformatics for undergraduate and postgraduate students

References

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