

CV- Mostafa Helal

Personal Information

Name Mostafa Mohamed Abdelhamid H. Helal
Current Position Associate Professor of Poultry Breeding and Genetics
Nationality Egyptian
Current Residence Egypt
Date of birth May 10, 1977
Gender Male
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Current positions

- Assistant Professor of Poultry Breeding and genetics, Faculty of Agriculture- Cairo University.
- Part-time consultant at the Project Management Unit (PMU)-Ministry of higher education, Egypt.
- Deputy Director of Poultry Services Center (PSC) -Cairo University.
- Acting as director for Basic and agricultural sciences at international relation office- Cairo University (IRO-CU)

Education

2012 Ph.D., Cairo University, Giza, Egypt
2005 M.Sc., Cairo University, Giza, Egypt
1999 B.Sc., Cairo University, Giza, Egypt

Work Experience

June 2020- Now Associate Professor - Faculty of Agriculture, Cairo University, Giza, Egypt
March 2017 –2020 Assistant Professor - Faculty of Agriculture, Cairo University, Giza, Egypt
Sept 2016- Feb 2017 Postdoc Fellow- IRTA, Barcelona, Spain
March 2012 – Aug 2016 Assistant Professor - Faculty of Agriculture, Cairo University, Giza, Egypt
Sept 2010 to Feb 2012 Teaching Assistant - Faculty of Agriculture, Cairo University, Giza, Egypt
Nov 2009 to Aug 2010 Visiting Scientist (Gæsteforsker) - Århus Universite, Foulum, Viborg, Denmark
Aug 2005- Nov 2009 Teaching Assistant - Faculty of Agriculture, Cairo University, Giza, Egypt
Nov 1999- July 2005 Teaching Assistant - Faculty of Agriculture, Cairo University, Giza, Egypt

Languages

(reading, writing and speaking)

Arabic (Mother tongue)
English (C1, C1 & B2) iBT TOEFL score: 84
Spanish (B1, B1 & A2)
Danish (A1, A1 & A1)

Recent Publications

Mostafa Helal, Nora Hany, Marya Maged, Mariam Abdelaziz, Nourhan Osama, Youstina W. Younan, Youssef Ismail, Remah Abdelrahman and Mohamed Ragab. 2021. Candidate genes for marker-assisted selection for growth, carcass and meat quality traits in rabbits. *Animal Biotechnology*. 19:1-20. doi: 10.1080/10495398.2021.1908315.

Canales Vergara, A.M.; Landi, V.; Delgado Bermejo, J.V.; Martínez, A.; Cervantes Acosta, P.; Pons Barro, Á.; Bigi, D.; Sponenberg, P.; **Helal, M.**; Hossein Banabazi, M.; Camacho Vallejo, M.E. Tracing Worldwide Turkey Genetic Diversity Using D-loop Sequence Mitochondrial DNA Analysis. *Animals* 2019, 9, 897. <https://doi.org/10.3390/ani9110897>

Amado Manuel Canales Vergara, Vincenzo Landi, Juan Vicente Delgado Bermejo, Amparo Martínez Martínez, Patricia Cervantes Acosta, Agueda Pons Barros, Daniele Bigi, Phillip Sponenberg, **Mostafa Helal**, Mohammad Hossein Banabazi, Maria Esperanza Camacho Vallej. (2019). Tracing worldwide turkey genetic diversity using D-loop sequence mitochondrial DNA analysis. *Animals* 9 (11), 897-908

Helal M.M. (2019). Association between Growth Hormone Receptor Gene Polymorphism and Body Weight in Growing Rabbits. *Advances in Animal and Veterinary Sciences* 7(11): 994-998.

Helal M., M. Ragab and J.P. Sánchez. (2017). Genetic parameters of feed intake patterns of Duroc sows during gestation and lactation. *Proceedings of the World Congress on Genetics Applied to Livestock Production*, 11.155.

El-Gendy E, Doaa M Higazy, Al-Amira M El-Kashef, **Mostafa M Helal**. 2017. The growth pattern of warm-region chickens under prolonged natural severe heating conditions with a reference to linkage between microsatellite loci on chromosomes 3, 4 and 5 and QTL for growth. *Proceedings of the World Congress on Genetics Applied to Livestock Production*, 11.990.

Prizes and Awards

- 2013 Prize of Excellence for best PhD dissertation in Cairo University. *Organizer: Cairo University, Giza, Egypt.*
- 2013 Prize of Dr. Elham Abdel-Gawad for best PhD thesis in Poultry Biotechnology. *Organizer: Egyptian Society of Poultry Science, Alexandria, Egypt.*
- 2012 Best scientific poster presentation competition (1st place), Cairo University. *Organizer: Cairo University, Egypt*
- 2008 The prize of Prof. Naguib El-Helaly, for best thesis in the field of Animal Science, Egypt. *Organizer: Cairo University, Egypt.*
- 2007 Prize of Dr. Elham Abdel-Gawad for the best thesis, in the field of poultry molecular genetics. *Organizer: Egyptian Society of Poultry Science, Alexandria, Egypt.*
- 2006 Best scientific poster presentation competition (4th place), Cairo University. *Organizer: Cairo University, Egypt.*

Projects

- 2019-2020 Technical staff member at Devialg project (EU confounded Project)
- 2018-2020 Managerial team member of ILHAM project (EU confounded Project)
- 2018-2020

- 2017-2020 Co-Pi of the project “Evaluation of date palm mulch as an alternative protein source in growing rabbit feed” Funding source: Cairo University
- 2016-2017 PI of the project of “Genomic selection as a tool to develop a new rabbit line adapted for local environmental conditions” Funding source: Cairo University
- Researcher at the project “Feed-a-Gene” grant agreement no 633531. Funding source: EU’s H2020
- 2015-2016 PI of The project of “ Applications of molecular genetics in animal breeding “ (student’s project) Funding source: Ministry of higher education, Egypt
- 2012-2013 Member of the project of “Using Microsatellite markers to develop a broiler chicken breed in Egypt”, Cairo university, Funding source: Cairo University

Scholarships

- 2016 A postdoctoral Fellowship from The Missions Department at the Ministry of Higher Education in Egypt, Barcelona, Spain
- 2015 A scholarship form International Center for advanced Mediterranean agronomic studies (CIHAEM). Leon, Spain
- 2011 A scholarship for attending Biovision scientific forum and TWAS.Nxt, Lyon, France
- 2010 A scholarship for conducting researches in the Department of Genetics and Biotechnology, Faculty of Agriculture Sciences, Aarhus University.
Provider: GBI, DJF, Aarhus University, Denmark.
- 2010 A scholarship from the Third World Academy of Science for attending Biovision Alexandria and TWAS
- 2009 A scholarship from Cirius to study and research on Genome wide association in GBI department Faculty of Agriculture Sciences, Aarhus University,
- 2008 A scholarship from the Third World Academy of Science for attending TWAS/Biovision 2008, Alexandria. Egypt.

Scientific memberships

Asociación Interprofesional para el Desarrollo Agrario, 2017

Poultry Science Association (PSA), since 2011

Arab Academy of Young Scientists, Arab ways, since 2010

Third World Academy of Science, TWAS, since 2009

German Egyptian Network of Young Scientists, GENYS, since 2007

Agricultural Biotechnology Network in Africa, ABNETA, since 2007

Science Development Network, SDN, since 2007

World Poultry Science Association, WPSA, since 2002

Egyptian Poultry Science Association, EPSA, since 1999

Egyptian Society of Animal Production, ESAP, since 1999