

List of publications

Mostafa helal

- El Sabry, M. I., M. M. Zaki, F. A. Elgohary, and M. M. **Helal**. 2021. Sustainable Rabbit Production under the Global Warming Conditions in Southern Mediterranean Region. *World's Veterinary Journal* 11(4):43-548.
- 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.
- Canales Vergara, A. M., Landi, V., Delgado Bermejo, J. V., Martínez, A. M., Cervantes Acosta, P., Pons Barros, A., Bigi, D., Sponenberg, P., **Helal**, M., Banabazi, M.H. & Camacho Vallejo, M. E. 2020. Design and development of a multiplex microsatellite panel for the genetic characterisation and diversity assessment of domestic turkey (*Meleagris gallopavo gallopavo*). *Italian Journal of Animal Science*, 19(1), 392-398.
- 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. 2019. Tracing Worldwide Turkey Genetic Diversity Using D-loop Sequence Mitochondrial DNA Analysis. *Animals*, 9, 897.
- El-Gendy, E.A and **Helal** M.M. 2019 Estimation of genetic differences between rabbit breeds using microsatellite loci on chromosomes 5, 7 and 19. *Egyptian Poultry Science Journal* 39 (4) 731-740.
- Helal** M. 2019. Assessment of RAPD markers variability of local turkey (*Meleagris gallopavo*) population in Egypt. *Egyptian Poultry Science Journal*, 39 (3):615-624.
- Helal** 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.
- El-Gendy E.A., M.S. Orabi1, M.M. **Helal**, M.K. Nassar, Doaa M.Higazy. 2018. The genetic structure at chromosomes 3, 4 and 5 of the native chicken breeds in Egypt and in relation to the ecology, The 11th World Congress on Genetics Applied to Livestock Production (WCGALP), 11.997.
- El-Gendy E., D.M. Higazy, A.M. El-Kashef, M.M. **Helal**. 2018. 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.

The 11th World Congress on Genetics Applied to Livestock Production (WCGALP), 11.990.

- Helal** M., M. Ragab and J.P. Sánchez. 2018. 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.
- Helal** M. and A.S. Ahmed. 2018. Molecular comparison of Egyptian and Saudi local chickens using RAPD Markers. International Journal of Animal Science. 2(4): 1029
- Orabi, M.S, M. **Helal**, M. Nassar and E.A. El-Gendy. 2017. The Microsatellite allele diversity on chromosomes 4, 5 and 6 in native Egyptian chickens. African Journal of Biological Sciences 13:111-118.
- Helal**, M. M. Ghanem and J.P. Sanchez. 2017. Changes in genetic parameters of feed intake traits during pregnancy in rabbits. AIDA Jornadas sobre Producción Animal 206-210.
- Helal**, M., Molecular characterization of three local Egyptian chicken breeds using RAPD markers. 2016. *Proc. International conference on biotechnology, food science and Pharmaceutical research*. Kula Lumpur, Malaysia. ICBFP 051.
- Helal**, M. 2015. Impact of biotechnology on Animal breeding in Egypt. *Proc: International conference on agriculture, food security and biotechnology*, NRC, Egypt.
- El-Gendy, E.A., Y.M. Hafez. H.A. Mohamed, M.M.A. **Helal** and M.Abd Elrahman. 2014. Genome analysis of local and exotic rabbit breeds in Egypt. African Journal of Biological Sciences 10:101-110.
- El-Gendy E.A. and M.M.A. **Helal**. 2014. Genetic variation and polymorphism at microsatellite loci in chickens of worm regions selected for meat production. International Journal of Biotechnology and allied fields. 2.100-116.
- Helal**, M.M.A, and E.A. El-Gendy. Comparison of growth curves of two selected chicken lines in Egypt. 2014. *Proc: Poultry Science association annual meeting*. Corpus Christi, Texas, USA,
- El-Gendy, EA., E.H. Abbas, Sh.M. El-Tantawy, A. T. Mohamed, M.M.A **Helal**, M M. Zaki El-Deen and Amani Y. Wageh. 2013. A model for the genetic employment of chickens local to warm climate. 2. Genome scanning of two lines selected for growth. African Journal of Biological Sciences 9: 95-105.
- Helal**, M. A. and E. A. El-Gendy. 2012. Evaluation of selection progress in two local Egyptian chickens. *Proc: International Poultry Scientific Forum*. January 2013. Atlanta, Georgia, USA.

- Helal**, M. A. and E. A. El-Gendy. 2012. Genomic characterization of growth-selected and randombred local chickens in Egypt. *Proc: International Poultry Scientific Forum*. January 2012. Atlanta, Georgia, USA.
- Helal**, M. A., 2011. A model for marker-assisted selection for fast growth in native Egyptian chickens. PhD. Thesis, Faculty of Agriculture, Cairo University, Giza, Egypt.
- El-Gendy, E.A. and **Helal**, M.A. 2011. An approach to marker-assisted selection for increased body weight in local chickens in Egypt. *Proc: Poultry Science Association Annual Meeting*. July 16–19. St. Louis, Missouri, USA.
- Helal**, M. A., 2005. Molecular characterization of five local duck populations. MSc. Thesis, Faculty of Agriculture, Cairo University, Giza, Egypt.
- El-Gendy, E.A., M.A. **Helal**, N.E. Goher and A. Mostageer. 2005. Molecular Characterization of Genetic Biodiversity in Ducks, Using RAPD-PCR Analysis. *Arab journal of Biotechnology* 7:253-264.