


CURRICULUM VITA	
NAME:	Mohammed Ahmed El-Sayed Hasan
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WORK	
NATIONAL GENE BANK	9 Gamma St. – Giza – 12619, Egypt
HOME	Sohag, Egypt.



DATE OF BIRTH:	5 March, 1977	PLACE OF BIRTH:	Egypt
NATIONALITY	Egyptian		
MARITAL STATUS	Married		

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ACADEMIC QUALIFICATIONS

EDUCATION

DATE	INSTITUTION	EGREE	SUBJECT
2002	Faculty of Agriculture, Al-Azhar University	B.Sc.	Biotechnology
2006	Faculty of Agriculture, Ain Shams University	Master	Using modern techniques of genetic engineering to improve productive treats in poultry.
2012	Faculty of Agriculture, Ain Shams University	Ph.D	Determining some genetic loci of productive traits in some indigenous chicken breeds using microsatellite markers.

EMPLOYMENT HISTORY

FROM	TO	ORGANIZATION / INSTITUTION	POSITION HELD
2012	Now	National Gene Bank & Genetic Resources	Researcher
2008	2012	National Gene Bank & Genetic Resources	Assistant Researcher

OTHER MISSIONS

FROM	TO	ORGANIZATION / INSTITUTION	POSITION HELD
1/2015	Now	The Arab organization for Agricultural Development (AOAD), League of Arab States (LAS)	Expert

MEMBERSHIP IN PROFESSIONAL AND NGO SOCIETIES

1. The Egyptian Society of Genetics
2. Egyptian Poultry Science Association
3. The Sub-Committee of the Occupational Safety and Health Insurance National Gene Bank and Genetic Resources and the Environment of the work.

PROFESSIONAL EXPERIENCE

TRAINING MISSIONS

ORGANIZATION/ INSTITUTION	TITLE OF COURSE	LANGUAGE	DATE
Ain shams University, Egypt.	TEST OF ENGLISH AS A FOREIGN LANGUAGE (TOEFL)	English	4/5/2006
Animal Production Research Institute, Sakha, Kafr El-sheikh	Artificial Insemination	English	1/10/2001 to 1/7/2002

National Research Center, Doki, Giza, Egypt.	Cell Biology	English	1/1/2008 to 1/6/2008
Genetic Engineering and Biotechnology Center, Genetic Department, Ain Shams University.	Conservation of Genetic Resources	English	April 4/2009 to 9/2009
Ain shams Univ. Egypt in corporation with Cordoba Univ. Spain	Conservation and Utilization of Cattle Genetic Resources	English	8/7/2012 to 18/7/2012
DAAD Kairo Akademie	How to presents scientific data	English	21 July 2012
DAAD Kairo Akademie	Proposal Writing GERLS	English	13 September 2012
Ain shams Univ. Egypt in corporation with Cordoba Univ. Spain	Molecular Markers Applied to Livestock Conservation	English	9/9/2012 to 20/9/2012
Faculty of Agriculture Minia University in cooperation with the Egyptian center of bioinformatics (ECBAG), Zagazig University,	Introduction in Bioinformatics	English	8/4/2014 to 10/4/2014
The Main Headquarters of The Arab Organization For Agricultural Development League of Arab States In Khartoum, The Republic of Sudan	The Improvement and Maintenance of Animal Genetic Resources (In Live Animals and Gene Banks)	English/ Arabic	21/12/2014 to 31/12/2014

CONFERECS & WORKSHOPS

ITEMS	ORGANIZATION/ INSTITUTION	DATE
THE THIRD INTERNATIONAL CONFERENCE OF GENETIC ENGINEERING AND ITS APPLICATIONS	Sharm El-Sheikh city, south Sinai, Egypt	5-8/10/2011

3rd Mediterranean Poultry Summit and 6th International Poultry Conference	Alexandria, Egypt.	26-29/3/2012
The role of biotechnology in economic development in Egypt.	National Research Center - Academy of Scientific Research and Technology Association of Biotechnology Arab Parliamentary Union of the Arab Society of scientific research of genetic Engineering	16 Jun, 2014

PROFESSIONAL ACTIVITY

- **Genetic improvement of local breeds and developed strains by conventional methods (selection, crossing) and with new methods (MAS and QTL).**
- **Genetic characterization of local breeds and developed strains by microsatellite markers.**
- **Standardization of protocols for collection of germplasm, through well-defined and sound cryopreservation programs for each species.**
- **Establishing data base system for information on local breeds characterization.**
- **Educating public the importance of our rescue mission and the necessity of maintaining local breeds as a gene pool for future use in a rapidly changing world through:**
 - a- **The magazine published by the Gene Bank.**
 - b- **Pamphlets published by Gene Bank.**
 - c- **Publications in the newspapers.**
 - d- **Publications in the agricultural magazine.**
- **Statistic and data analysis programs (Genetic Analysis ex. SAS Package, pop gene 32, Microsoft Excel, SPSS , ANOVA, AMOVA, QTL Map6, Windows QTL cartographer version 2.5_009 USA)**
- **Animal biotechnology**
- **Animal Genetic Resources**
- **poultry science**
- **Molecular and cell biology**
- **Bioinformatics**

PROJECTS PARTICIPATION

ITEMS	ORGANIZATION/ INSTITUTION
SUSTAINABLE UTILIZATION OF AGRICULTURE BIODIVERSITY TO DEVELOP THE LOCAL COMMUNITIES IN THE WESTERN DESERT	Ministry of agriculture, Agriculture Research Center, National Gene Bank Egypt.

AWARDS OBTAINED

- **Prize of Prof.Dr."Elham Mohmed Abd El-gawad" for the best Ph.D. Thesis in the field of poultry biotechnology in year 2012th (Egyptian poultry science Association)**

Publication

- (1) Roushdy Kh., M.A.ELsherbieny, F.A. Abd EL-Gany and **M.A.EL-Sayed** (2014). Semen Cryopreservation for two Local Chicken Strains as a tool for Conservation of Egyptian Local Genetic Resources. Egypt,Poultry.Sci. Vol(34)(II):(607-618).
- (2) Roushdy Kh., **M.A.El-Sayed** and A.A.Bakir . (2013). Comparative chicken genome analysis of Egyptian local breeds and developed strains.3.The microsatellite discrimination between Dokki-4,Golden Montazah and Silver Montazah strains. Egypt. poul. Sci.,33: 971-983.
- (3) Roushdy Kh., **M.A.El-Sayed** and A.A.Bakir . (2013). Comparative chicken genome analysis of Egyptian local breeds and developed strains.4.The microsatellite discrimination between Mamourah, Mandara and Bahij strains. Egypt. poul. Sci.,33: 985-997.
- (4) Roushdy Kh., **M.A.El-Sayed** and A.A.Bakir . (2013). Comparative chicken genome analysis of Egyptian local breeds and developed strains.5.The microsatellite discrimination between Matrouh,El-Salam and Bandarah strains.J.Animal and Poultry Prod.,Mansoura Univ.,4 (11) :701-713.
- (5) **El-Sayed, M.A.** (2012). Determining some QTLs in some indigenous chicken breeds. LAP Lambert Academic publishing GmbH & Co.KG,ISBN:978-3-659-14095-2.

- (6) Roushdy, Kh., T.M.A. Tantawi, **M.A.El-Sayed**, A.A.Bakir (2012). Comparative chicken genome analysis of Egyptian Local breeds and developed strains. 2. The microsatellite discrimination between Gimizah and inshas strains. 3rd Mediterranean Poultry Summit and 6th International Poultry Conference, 26 - 29 March 2012, Alexandria ,Egypt. 1193-1204.
- (7) Roushdy, Kh., **M.A.El-Sayed**, A.Galal, A.El-Attar (2012).Determining some genetic loci of productive traits in tow local breeds using microsatellite Markers. 3rd Mediterranean Poultry Summit and 6th International Poultry Conference, 26 - 29 March 2012, Alexandria ,Egypt. 1227-1240.
- (8) **El-Sayed, M.A.**, Kh. Roushdy, A.Galal, A.El-Attar (2011).Genetic differentiation of two Egyptian chicken breeds using 15 microsatellite markers. 3rd International Conference of Genetic Engineering and its Applications. 5-8 October 2011,Sharm El-Sheikh, Egypt.149-161.
- (9) **EL-sayed, M.A.**,,M.M.Fatthi, A.Galal, S.A.El-safty and A.H.Abodoma (2006). .Marker assisted selection for some growth characters in necked neck chicken. The Egyptian society of genetics,