

PERSONAL INFORMATION

Mostafa M. A. Helal

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 Skype mosthamed

Sex | [Date of birth](#) 10 May 1977 | [Nationality](#) Egyptian

PREFERRED JOB

Researcher of Animal Genetics

WORK EXPERIENCE

01 February 2012 – Present

Assistant Professor/ Researcher

Cairo University
Anim. Prod. Dept., fac. Agri., Cairo univ., 13 Gammaa Street EG-12613 Giza (Egypt)
<http://cu.edu.eg>

Research and Teaching

01 September 2010 – 31 January
2012

Lecturer Assistant

Cairo University
Anim. Prod. Dept., fac. Agri., Cairo univ., 13 Gammaa Street EG-12613 Giza (Egypt)
<http://cu.edu.eg>

PhD Student and Teaching

01 November 2009 – 31 August
2010

Visiting Scientist (Gæsteforsker)

Aarhus Univeisty (Århus Universitet)

<http://au.dk>

Research

01 August 2005 – 31 October
2009

Teaching Assistant

Cairo University
Anim. Prod. Dept., fac. Agri., Cairo univ., 13 Gammaa Street EG-12613 Giza (Egypt)
<http://cu.edu.eg>

Teaching, research and farm supervising

01 November 1999 – 31 July
2005

Researcher

Cairo University
Anim. Prod. Dept., fac. Agri., Cairo univ., 13 Gammaa Street EG-12613 Giza (Egypt)
<http://cu.edu.eg>

Research and Farm Supervising

[Business or sector](#) Education

EDUCATION AND TRAINING

01 January 2006 – 31 December
2012

Ph.D

Cairo University,
Major: Animal Science

Minor: Animal Genetics

01/01/2006 – 01/01/2011

Faculty and leadership developing courses

Cairo University,
Faculty and leadership developing courses, FLDC,

17 May 2010 – 21 May 2010

Genomic Selection

University of Copenhagen,
Genomic Selection

14 January 2010 – 25 January
2010

An introduction to R in biological sciences

Århus University,
An introduction to R in biological sciences, a PhD-course,

01 March 2010 – 05 March 2010

Data presentation and scientific reporting

Århus University,
Introductory course for PhD students

07 December 2009 – 11
December 2009

Writing good popular science articles

Århus University,
Getting the message across, writing good popular science articles, a postgraduate course,

15 December 2007 – 20
December 2007

Bioinformatics

Bibliotheca Alexandrina,
Bioinformatics: Computer methods in molecular biology

10 March 2007 – 15 March 2007

Bioinformatics and Sequence Analysis

German University in Cairo (GUC),,
Bioinformatics and Sequence Analysis

01 January 2001 – 01 June 2005

M.Sc.

Cairo University,
Major: Animal production
Minor: Poultry Genetics

01 July 2004 – 16 July 2004

RAPD Technique

Agricultural Genetic Engineering Research Institute (AGERI),
Random Amplified Polymorphic DNA (RAPD) Technique

03 December 2003 – 05
December 2003

Mubarak City for science and technology,
Genetic engineering and genomics (workshop)

10 March 2003 – 16 March 2003

PCR Applications

Mubarak City for science and technology, EG,

Polymerase Chain Reaction (PCR) Applications and Gene Sequencing

10 October 2002 – 15 October 2002

DNA Fingerprinting

Ain Shams University, EG,
DNA Fingerprinting

16 October 2001 – 20 October 2001

Statistical Analysis Software System (SAS),

Cairo University,
Statistical Analysis Software System (SAS),

01 September 1995 – 01 July 1999

B.Sc.

Cairo University,
Major: Agriculture
Minor: Animal Production

PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C1	C1
French	A1	A1	A1	A1	A1
Danish	A1	A2	A1	A1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
[Common European Framework of Reference for Languages](http://www.cedefop.europa.eu)

Communication skills

Responsibility, self-respect and self-reliance
Experienced in communicating with students, employees and partners
Hard working, extremely organised person
Time spirit
Good abilities for synthetic and global views over concrete situations
Good ability to establish and maintain good working relations with people of different national and cultural backgrounds
Good ability to adapt to multicultural environments, gained through my work experience abroad
Good ability to live in worldwide locations

Organisational / managerial skills

Leadership
Good experience in project management and team co-ordination
Deep understanding of the teaching process

Job-related skills

Understanding of server-side laboratory techniques
Knowledge of design experiments in animal sciences field
In-depth knowledge of animal farms management
In-depth knowledge of breeding stocks management

Computer skills

Operating Systems: Windows (expert), Linux (user/admin)
Photo: Photoshop CS 7
Flash: SwishStudio Max (PC)
Microsoft: Word, PowerPoint, Excel, Access (ICDL Certified)
Video: edit, conversion, montage
Statistics: SAS, SPSS, R

Coding Language: Fortran, QBasic

Driving licence B

ADDITIONAL INFORMATION

Scientific Memberships:

Federation of Animal Science Societies (FASS), since 2011
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.

Scientific Activities and antecedence

World Science Forum, Biovision.Nxt, Lyon, France, 2011
TWAS/Biovision.Nxt, Alexandria, Egypt, 2010.
The Second Egyptian Conference in Rabbit Sciences, Cairo, Egypt, 2009.
The First Egyptian Conference in Rabbit Sciences, Cairo, Egypt, 2008.
TWAS/Biovision.Nxt, Alexandria, Egypt, 2008.
The 5th International Poultry Conference, Taba, Egypt, 2008.
The 13th Conference of the Egyptian Society of Animal Production, Egypt, 2006.
The 3rd International Poultry Conference, Hurghada, Egypt, 2005.
The 12th Conference of the Egyptian Society of Animal Production, Mansoura, Egypt, 2004.
The 53rd Annual Meeting of the European Association for Animal Production, EAAP, Cairo, Egypt, 2002.

Thesis and publications

Helal, M. A. and E. A. El-Gendy. A novel of marker-assisted selection in native Egyptian chickens. *Animal Genetics* (Submitted)
Helal, M. A. and E. A. El-Gendy. 2012. Evaluation of selection progress in two local Egyptian chickens. *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. *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. An approach to marker-assisted selection for increased body weights in local chickens in Egypt. *Poultry Science Association Annual Meeting*. July 16–19, 2011. St. Louis, Missouri, USA.
Helal, M. A., 2005. Molecular characterization of five local duck populations. MSc. Thesis, Faculty of Agriculture, Cairo University, Giza, Egypt.
E.A. El-Gendy, 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.

Scholarships, awards and projects

Prize of Prof. Elham Abdelgawad for best thesis in the field of poultry genetics, 2013.
Best PhD Thesis in Cairo University, 2013
First place of best scientific poster presentation, Cairo University, 2012.
Member of the project of "Using Microsatellite markers to develop a broiler chicken breed in Egypt", Cairo University, 2011
A Scholarship from the Egyptian Ministry of Higher Education to attend Biovision.Nxt, Lyon France, 2011.
A scholarship from the Department of Genetics and Biotechnology, Faculty of Agriculture Sciences,

Aarhus University, Denmark, 2010.

A Scholarships from the Third World Academy of Science for attending Biovision.Nxt 2010 Alexandria, Egypt. 2010.

A scholarship for 9 months, from Cirius in Denmark for doing researches on Genome wide association, 2009.

The Ideal Teaching Assistant in Faculty of Agriculture, Cairo University, 2008

A Scholarship from the Third World Academy of Science for attending TWAS/Biovision 2008, Alexandria. Egypt. 2008.

The prize of Prof. Naguib El-Helaly, for best thesis in the field of Animal Science, Egypt, 2008.

The prize of Prof. Elham Abdel-Gawad for the best thesis, in the field of poultry molecular genetics, from the Egyptian Society of Poultry Science, Egypt, 2007.

The prize of the 4th place in the best poster presentation for young scientists, Faculty of agriculture, Cairo University, Egypt, 2006.