

## CURRICULUM VITAE (C. V.)

### **PERSONAL INFORMATION**

**Name** Amin Mohamed Said Amin  
**Nationality** Egyptian  
**Date of birth** 15/04/1979  
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**Language** Arabic (Mother Tongue)  
English (Local TOFEL Certificate)  
**Specialization** Animal Breeding & Genetic

#### **History of Education:**

- 2007 - Master degree in Buffalo Biodiversity.  
- Faculty of Agriculture, Department of animal Production, Cairo University, Cairo, Egypt.  
**\* TITLE THESIS OF MASTER**  
"GENETIC DIVERSITY IN EGYPTIAN BUFFALO USING MICROSATELLITE MARKERS"  
\* Fulfilled objectives:  
- Concerning the used microsatellites and animals sampled, the buffalo population belong to one breed and classified into populations due to community definition.  
- the variation between different Egyptian buffalo is not enough to consider them different breeds.  
- variation between different buffalo by geographic regions may be due to the differences in environment condition rather than genetic composition.
- 2000 - B.SC. in Animal Production.  
- Faculty of Agriculture, Department of Animal Production, Cairo University, Cairo, Egypt;

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### Professional Experience

- 2013 - Real Time PCR
- 2013 - Gene Mapping, Layout and Analysis Using Bioinformatics.  
- Primer and probe design.
- 2010 - Utilizing needed software's of SAS, Animal Model.
- 2006-2009 \* Molecular lab with the following activities:
- PCR.
  - Gene Scan using 377 Automated sequencer.
  - Quantitative measures for molecular data microsatellite differentiation measures, dendrogramic presentation types.
  - Utilizing needed software's of GenePop 3.3, PopGene 1.31, FSTAT 2,9,3,2.
  - Utilization of molecular genetis database.
  - Animal genetic using BLUP-EBV for economic traits.
- 2002-2005 - DNA extraction from different animal tissues.  
- PCR amplification for microsatellites.  
- DNA Electrophoresis.

### Training

- 2013 - Advanced training program under the theme of " Real Time PCR " from 24/08/2013 to 05/09/2013 in Arab Academy of Advanced Studies and Continues Education.
- 2013 - Advanced training program under the theme of " Gene Mapping, Layout and Analysis Using Bioinformatics." from 21/07/2013 to 01/08/2013 in Arab Academy of Advanced Studies and Continues Education.
- 2010 - Utilizing needed software's of SAS, Animal Model.
- 2006-2009 - Analytic Software Programs in animal genetics (GenePop 3.3, PopGene 1.31, FSTAT 2,9,3,2).
- 2002-2005 - Some Techniques (DNA extration – PCR technique – Electrophoresis)

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### Publications

- 2007 El-Kholy, A. F.; Hoda, Z. Hassan; A. M. S. Amin. 2006, Genetic diversity in Egyptian buffalo using microsatellite markers. Ph.D. Thesis, Faculty of Agriculture, Cairo University.
- 2007 El-Kholy, A. F.; Hoda, Z. Hassan; A. M. S. Amin; M. S. Hassanane. 2007. Genetic diversity in Egyptian buffalo using microsatellite markers. Arab J. Biotech., Vol. 10, No. (2): 219-232.

### Workshops

- 2014 Workshop on "Presentation Skills"
- 2013 Participation in the organization of The 4th Scientific Conference of Animal Production Research Institute (APRI), held during 12-13 November 2013, Cairo, Egypt.
- 2012 Training course on "Molecular Markers Applied to Livestock Conservation". Offered through "FP7 EU Project CATTLECONIKTA", held during 9-20 September 2012.
- 2002 Animal Production Research Institute (APRI) – Arabic Center for Studing Arid and Desert (ACSAD), Workshop titled "Fingerprint of Farm Animals in Arabian Countries."

### Special Achievement

- 2008 3rd place award in "Best scientific poster competition" in 2008 Attending the 3rd Research Institute of Animal Production and the 4th Conference of Animal Production of Agriculture Cairo on 17-18 / 12 / 2008, which was held at the Institute of Genetic Engineering Research Center research Agriculture- Cairo – Egypt.

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### Scientific Activities/Projects

- 2005-2008 Animal Production Research Institute (APRI), Research Project titles "Allelic polymorphism and gene expression of some milk protein variants that are known to have relationship to the quantitative, qualitative and industrial criteria of Egyptian buffalo milk."
- 2003-2005 Ain Shams University – the Animal Production Research Institute Jointly project "Detection of molecular markers linked to prolificacy in Egyptian goats." The Academy of Scientific Research and Technology fund the project.

### Additional Computer Skills

- Statistical Analysis System (SAS) Program.
- Animal Model Program [D F R E M L (Karin Meyer, 1997), and VCE6]
- Population/Molecular Data Analysis, (GenePop 3,3, FSTAT, PopGene 32, Blast, Clustalw2, SNP Identify, Primer3, Primer Blast, Dotlet, and Map Viewer).
- ICDL Certificate.
- Typing Rapidly.

### Current Position:

**Assistant Research,**  
Buffalo Breeding Research Department,  
Animal Production Research Institute (APRI),  
Agricultural Research Center,  
Ministry of Agricultural.

### Persons to be notified:

Name	Occupation	Email
Prof./ Mohamed Saber Hassanane.	National Research Center - Cell Biology Department.	<a href="mailto:hmsaber@yahoo.com">hmsaber@yahoo.com</a>

### Signature

**Amin Mohamed Said Amin**

**07/09/2013**

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