



Curriculum Vitae

I-Personal Identity:-

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| Full name: | Safaa Elsayed Mohamed abdo |
| Sex: | Female |
| Date of birth: | 17 September 1987 |
| Nationality: | Egyptian |
| Place of work: | Department of Animal wealth development, Faculty of veterinary, Kafrelsheikh University |
| Position: | Lecturer of Genetics and genetic engineering |
| Address of work: | El-Geish Street - 33516, Kafrelsheikh, Egypt |
| Telephone/Fax: | +02-(0)47/3231311-No. Post: 33516 |
| Marital state: | Married |
| Degrees: | Bachelor (B.V.Sc) on 2009, Master (M.V.Sc) on 20014 (Veterinary Medicine),PHD on (2017). |
| E-mail: | safaa_2m@yahoo.com Safaa_abdo2010@vet.kfs.edu.eg |
| Major Specialization: | Genetics and genetic engineering |
| Minor Specialization: | Biotechnology. |

II-Education and Certificates:

June, 2009

**B.V.Sc. in Veterinary Medicine and Animal Surgery.
(Excellent with degree of honors), Kafrelsheikh
University Egypt.**

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| February, 2014 | M.V.Sc. in Genetic and genetic engineering, Kafrelsheikh University Egypt. |
| June. 2017 | PHD. in Genetic and genetic engineering, Kafrelsheikh University Egypt. |
| M.V.Sc. Thesis Title | Identification of some SNPs associated with milk production in Egyptian water buffalo. |
| PHD Thesis Title | Variation in Cellular Responses and Gene Expression to Heat stress in Commercial Broilers in Egypt |

III-Employment history:-

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| June, 2010 - June, 2011 | Demonstrator. Anatomy and Embryology Department, Faculty of Veterinary Medicine, Sohag University, Sohag, Egypt. |
| June, 2011 - May, 2014 | Demonstrator. Genetics and genetic engineering, Faculty of Veterinary Medicine, Kafrelsheikh University, Egypt. |
| May, 2014 | Assistant Lecturer. Genetics and genetic engineering, Faculty of Veterinary Medicine, Kafrelsheikh University, Egypt. |
| Septemper, 2014 (present) | Lecturer. Genetics and genetic engineering, Faculty of Veterinary Medicine, Kafrelsheikh University, Egypt. |

Teaching experience

- **1 years experience** in teaching Practical anatomy courses of general and special anatomy, avian anatomy, fish anatomy for the undergraduate students.
- **4 years experience** in teaching Practical genetic and genetic engineering course for the undergraduate students.

- **Research experience and Skills**
- *Language Skill: (local) TOEFL with score 440
IELTS with score 5*
- *Computer skills: ICDL*
- *Training in basics of molecular biology including (DNA extraction, RNA extraction, PCR, RT-PCR, RFLP-PCR, SSCP-PCR, Real Time PCR, Gel Electrophoresis, Spectrophotometer and Nanodrop, PCR Purification by gel excision and column, and Gene Cloning (Preparation of competent E.coli cells, Transformation of competent E.coli bacterial cells, Plasmid Miniprep).*
- *Having an experience in molecular biology for about 3 years where I work as member in biotechnology laboratory in the faculty of veterinary medicine- Kafr Elsheikh University.*
- *I work as Co-investigator in a project from Science and Technology Development Fund (STDF), Ministry of Scientific Research, Egypt, under the title (Isolation and identification of genes associated with milk and meat production in Egyptian water buffalo) which completely fund this research work. In Biotechnology Lab. - faculty of veterinary medicine- Kafr Elsheikh University.*
- *Perfect in using different softwares (primer design by primer 3 soft ware, Endnote, Genious, POPGENE software (Version 3.1), HAPLOVIEW software (Version 3.32), Photoshop and SPSS (Version 16.0).*
- *Basic Techniques in molecular biology (Level 1), at Biotechnology lab, Faculty of Veterinary Medicine, Kafrelsheikh University 21st – 24th / 11 / 2012.*

Publications:

- 1- Partial sequence of Osteopontin gene was submitted to the GenBank database with accession [KC415282](#).
- 2- Partial sequence of Leptin gene was submitted to the GenBank database with accession numbers [KC415280](#).
- 3- Safaa Elsayed Abdo, Mohammad Abu El- Magd, Abeer Fekry El-Nahas, Ali Abd El-Kader Mansour (2014) Novel SNPs in *LEP* gene and their association with milk production in Egyptian buffalo (*Bubalus bubalis*). kafrelsheikh Vet. Med. J. 12(1), 247-259.-
- 4- Safaa E. Abdo, Seham El-Kassas, Abeer F. El-Nahas, and Shawky Mahmoud Modulatory Effect of Monochromatic Blue Light on Heat Stress Response in Commercial Broilers

WORKSHOPS

- Basic Techniques in molecular biology , At Biotechnology lab, Faculty of Veterinary Medicine, Kafrelsheikh University 21st – 24th / 11 / 2012.
- Attendance of a number of Faculty and Leadership Development workshops:
 1. Scientific publication. 26th -28th June 2010.
 2. Web Publishing Using Front Page.

3. EndNote.
4. Financial and legal aspects in the University Business. 20th -22th July 2010.
5. Standards of quality in the teaching process. 6th -8th July 2010.
6. University teacher preparation. 5th -13th February 2012.
7. The use of technology in teaching. 13th -15th July 2010.
8. Competitive local and international research projects. 27th -29th July 2010.
9. Quality standards in the process of teaching. 6th -8th July 2010.
10. University tests design and the standers of answer . 27th -30th November 2010.
11. Communication skills in the various types of education. 21st -23rd November 2010.
12. Scientific Publishing. 26th -28th June 2010.
13. Training courses in information technology systems 18th – 22thsebtemper 2011

FIELDS OF INTERREST:

- Advanced biotechnology
 - Stem cells
 - Gene therapy
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