

# **CURRICULUM VITAE**

**Dr. Al shimaa Al Houssiney Hasab El naby**



**BVSc, MVSc., PhD**

**Lecturer of Lecturer of Theriogenology,**

**Faculty of Veterinary Medicine**

**Benha University**

**Egypt**



## PERSONAL INFORMATION

- Name:** Al shimaa Al Houssiney Hasab El naby
- Qualifications:** B.V.Sc, M.V. Sc, Ph.D.
- Social status:** Married + 3 kids
- Telephone No:** Mobile: 01278223318  
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- Email address:** [alshimaa.assabelnaby@fvtn.bu.edu.eg](mailto:alshimaa.assabelnaby@fvtn.bu.edu.eg)  
[dvet\\_shima@yahoo.com](mailto:dvet_shima@yahoo.com)
- Home page:** <https://orcid.org/0000-0001-7485-1025>
- Date of Birth:** 7-6- 1986
- Place of Birth:** Qalioupea, Egypt
- Current position:** Lecturer of Theriogenology  
Faculty of Veterinary Medicine  
Benha University  
Egypt.
- Work Address:** Dept. of Theriogenology, Moshtohor, Faculty of Veterinary Medicine, Benha University (13736 Moshtohor, Toukh, Qalioupea, Egypt).
- Home Address:** Benha, Qalioupea, Egypt.



## EMPLOYMENT HISTORY

**Time:** From: 2017 to Current.

**Institute:** Faculty of Theriogenology, Benha University.  
13736 Moshtohor, Qalioupea, Egypt.

**Position:** Lecturer of Theriogenology

### Duties:

- Teaching of practical courses of Veterinary Theriogenology for fourth and fifth year students in Faculty of Veterinary Medicine, Benha University (since 2009 till now).
- Summer training for juniors and seniors in the same faculty (since 2009 till now).
- Teaching of theoretical courses of Veterinary Theriogenology for fourth and fifth year students and post graduates in Faculty of Veterinary Medicine, Benha University (since 2017 till now).

## PREVIOUS EMPLOYMENTS

**Time:** From: 2013 to 2017

**Institute:** Faculty of Veterinary Medicine, Benha University.  
13736 Moshtohor, Qalioubeya, Egypt

**Position:** Assistant Lecturer of Theriogenology (29/4/2013)

### Duties:

- Andrology, anatomy and physiology of male genital system in farm animals.



- Gynaecology; anatomy and physiology of female genital system in farm animals.
- Obstetrics; normal and abnormal pregnancy, normal and abnormal parturition (dystocia), normal and abnormal postpartum period and care of the neonate.
- Data analysis and manuscript writing.

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**Time:** From: 2009 to 2013.

**Institute:** Faculty of Veterinary Medicine,  
Benha University, 13736 Moshtohor, Qalioubeya, Egypt

**Position:** Demonstrator of Theriogenology(24/2/2009)

**Duties:**

- Artificial insemination in farm animals; semen collection, evaluation, processing, freezing and insemination.
- Reproductive biotechnology; in vitro maturation of oocyte, in vitro oocyte vitrification in vitro fertilization and genetic detection.
  - Reproductive ultrasonography and pregnancy diagnosis in farm animals.

## EDUCATIONAL BACKGROUND

i.

**Time:** From: 2003 to 2008

**Institute:** Faculty of Veterinary Medicine, Benha University, Moshtohor,  
Qalioubeya, Egypt

**Degree obtained:** Bachelor of Veterinary Medical Sciences (BVMSc); Graded very good with honor (24/2/2009)



ii.

**Time:** From: 2009 to 2013

**Institute:** Faculty of Veterinary Medicine, Benha University, Moshtohor, Qalioubeya, Egypt

**Degree obtained:** Master of Theriogenology(24/3/2013)

iii.

**Time:** From: 2013 to 2017

**Institute:** Faculty of Veterinary Medicine, Benha University, Moshtohor, Qalioubeya, Egypt

**Degree obtained:** Philosophy Doctor of Theriogenology(30/11/2016)

### **Thesis / Dissertation:-**

-- **El-Naby, Al.Al-H.H. (2013):** In Vitro Maturation and Structural Changes in Vitrified Buffalo Oocytes. MVSc. Thesis, Faculty of veterinary medicine, Benha University.

- **El-Naby, Al.Al-H.H. (2016):** Some Trials for Improvement of In Vitro Fertilization of Buffalo-Cow. Ph.D. Thesis, Faculty of veterinary medicine, Benha University.

## **EXPERIENCE**

### **A. TEACHING EXPERIENCE:**

- Teaching of practical courses of Veterinary Theriogenology for fourth and fifth year students in Faculty of Veterinary Medicine, Benha University (since 2009 till now).



- Summer training for juniors and seniors in the same faculty (since 2009 till now).
- Teaching of theoretical courses of Veterinary Theriogenology for fourth and fifth year students and post graduates in Faculty of Veterinary Medicine, Benha University (since 2017 till now).

### **B. Practical teaching and training courses:**

- Andrology; anatomy and physiology of male genital system in farm animals.
- Gynaecology; anatomy and physiology of female genital system in farm animals.
- Obstetrics; normal and abnormal pregnancy, normal and abnormal parturition (dystocia), normal and abnormal postpartum period and care of the neonate.
- Artificial insemination in farm animals; semen collection, evaluation, processing, freezing and insemination.
- Reproductive biotechnology; in vitro maturation of oocyte, in vitro oocyte vitrification in vitro fertilization and genetic detection.
- Reproductive ultrasonography and pregnancy diagnosis in farm animals.

### **B. RESEARCH EXPERIENCE:**

- i. Study of the quality and properties of buffalo eggs and the factors affecting the rate of fertilization in the laboratory.
- ii. Addition of some substances to improve the rate of IVM, IVF of buffalo oocytes
- iii. Survey the relation of oviducts parts and semen binding in vitro
- iv. Vitrification methods for oocytes or embryos in vitro for obtaining good survival rate post thawing

## **LIST OF PUBLICATIONS**



1. **Al-SH. Al-H. H. El-Naby**, Mahmoud K.Gh.M., Ahmed Y.F., Abouel-Roos M.E.A. and Abdel-Ghaffar A.E. (2013): Effect of Season of the year and Ovarian Structures on Oocytes Recovery Rate, Quality and Meiotic Competence in Egyptian Buffaloes. *Global Veterinaria* 10 (4): 408-412.
2. Mahmoud K.Gh.M. and **Al-Shimaa Al-H. H. El-Naby** (2013): Factors Affecting Buffalo Oocytes Maturation. *Global Veterinaria* 11 (5): 497-510.
3. Mahmoud K.Gh.M., **Al-SH.AI-H.H. El-Naby**, Ahmed Y.F., Eldebaky H.A.A., Abou El-Roos M.E.A. and Abd-El-Ghaffar A.E. (2014): Effect of Cumulus Cells and Meiotic Stages on Survivability and Meiotic Competence in Vitrified Buffalo Oocytes. *Pakistan J. Zool.*, 46(5): 1185-1192.
4. **Al-SH Al-H. H. El-Naby**, Mahmoud K.Gh.M., Ahmed Y.F., Abouel-Roos M. E.A. and Sosa G.A.M. (2016): Effectiveness of Using Brilliant Cresyl Blue Staining for Quality Evaluation and Developmental Competence of Immature and Mature Buffalo Oocytes. *Global Journal of Animal Scientific Research*. 4(1), 20-26
5. **Al-Shimaa A.H. El-Naby**, Karima Gh.M. Mahmoud, Scholkamy T.H., Ahmed Y.F., Sosa G.A.M. and Abouel-Roos M.E.A. (2016): Influence of Epidermal Growth Factor with Cysteamine on in -Vitro Buffalo Embryo Development. *Egypt. J. Vet. Sci.*, 47, 1, 27- 39 .
6. **Al-shimaa Al-H. H. El-Naby**, Mahmoud K.Gh.M., Sosa G.A.M., Abouel-Roos M. E.A., Ahmed Y.F. (2017): Effect of using ascorbic acid and cysteamine supplementation on in-vitro development of buffalo embryos. *Asian Pacific Journal of Reproduction*. 6(2): 85-88
7. Soliman W.T.M., **El-Naby Al-SH. Al-H.H.**, Mahmoud K.Gh.M., El-Khawagah, A.R.M., Kandiel M.M.M., Abouel-Roos M.E.A., Abdel-Ghaffar A.E., El Azab Abd El S.I. (2018): Effect of buffalo bull breeds



- on developmental competence and vitrification of in vitro produced embryos. Asian Pacific Journal of Reproduction. 7(6): 270-273.
8. Sally Ibrahim, Karima Gh.M. Mahmoud, Ahmed S. A. Sosa, Abdel aziz M. Sakr, **Al-shimaa Al-H H. El-Naby**, Mahmoud F. Nawito (2020): Establishment a protocol for total RNA isolation from buffalo fresh and frozen semen for molecular applications. Andrologia.;52: e13526
  9. **Al-shimaa Al-H.H. El-Naby**, Sally Ibrahim, Heba F. Hozyen, A.S. A. Sosa, Karima Gh.M. Mahmoud, Ahmed A. Farghali (2020): Impact of nano-selenium on nuclear maturation and genes expression profile of buffalo oocytes matured in vitro. Mol Biol Rep., 47(11):8593-8603
  10. Mohamed El-Sokary, Sally Ibrahim, **Al-shimaa El-Naby**, A. Sosa, Karima Mahmoud, M. Nawito (2021): New insights into molecular aspects of sperm–oviductal binding in Egyptian buffaloes using an in vitro model: Effects of oviductal segments and media. Andrologia; 53:e13984.
  11. **Al Shimaa Al Housiny Hasab El-Naby**, Mohamed Mahmoud Moustafa Kandiel, Karima Ghonaimy Mohamed Mahmoud, Gamal A. El-Sisy, Walid Tawfik Mohamed Soliman, Yousef Fawzy Ahmed (2021): Morphological comparison in spermatozoa from Italian and Egyptian buffalo bulls, and their IVF outcome. Adv. Anim. Vet. Sci. 9(9): 1449-1455.

## SCIENTIFIC MEETINGS AND CONFERENCES:

- ❖ The 3<sup>rd</sup> Conference of Egyptian Veterinary Association for Buffalo Development (Management and development of Egyptian Buffalo) , National Research Center, Cairo, Egypt , 2015





- ❖ The 7<sup>th</sup> International Conference of the Veterinary Research Division (Development of Animal Wealth: Challenges and Solutions), National Research Center, Cairo, Egypt, 2017
- ❖ The International Egyptian Czech Conference on Nanotechnology Applications, Faculty of Agriculture, Cairo University, 2017
- ❖ The 1<sup>st</sup> Conference of Scienology Association (Developing Young Researchers Career), 2018
- ❖ The 6<sup>th</sup> Scientific International Conference of the Faculty of Veterinary Medicine, Moshtohor held in Sharm El Sheikh (Attendance and A member of the organization committee), 2018.

## PROJECTS

- A member of a project for .....

## RESEARCH SKILLS

- Ultrasonography.
- Semen analysis.
- Reproductive biotechnology (IVM, IVF).
- Animal field fertility improvement.
- New scientific techniques for research

## LANGUAGE PROFICIENCY

- Arabic: Mother tongue
- English: Very Good; TOEFL scored 603.



## Scientific Societies

- 1- General Syndicate of Veterinarians.
- 2- Association of Veterinarians in Qalyubia.
- 3- Faculty Members Benha Club.
- 4- Membership in the Society for Egyptian Society for Animal Reproduction and Fertility 8..
- 5- Egyptian Veterinary Association for Buffalo development-National Research Center, Egypt.
- 6- Donkey Sanctuary & SPWDME (Society for the Protection and Welfare of Donkeys and Mules in Egypt).

## Workshops:

Workshops and training courses	Date
A training course in a training course in time management, Faculty and Leadership Development Center- Benha university	2011
Training course in Communication Skills, Faculty and Leadership Development Center- Benha university	2012
Training course in Legal and Financial Aspects in University Environment, Faculty and Leadership Development Center- Benha university	2012
Participation in attendance and discussion in the course "Bio-safety in laboratories" Faculty of Veterinary Medicine, Benha University	2014
Training course "The basics of artificial insemination in farm animals"	2015
Participation in the project of reproductive care and livestock development project - in Fc. Vet. Med., Benha University.	2015
Training course (Trainer) on Application of Recent Technology in Improvement of Reproductive efficiency in farm animals- held at Fc. Vet. Med., Benha University.	2015
Training course entitled Reproductive aspects of ultrasound in farm animals	2016
Training course on Diagnostic Uses of Molecular Biology Tests, Animal Reproduction Research Institute	2016
Training course (Trainer) on using ultrasonography in pregnancy diagnosis in large ruminants - held at unit of diagnostic rays in Fc. Vet. Med., Benha University	2016



Workshop on Application of Proteomics in Animal Sciences and Dairy Food, National Research Center, Giza, Egypt.	2017
Workshop on Nanotechnology applications, Agriculture Faculty, Cairo University.	2017
Workshop on "A doctor's skills development course on leadership skills", Egyptian Veterinarians Syndicate, Cairo	2018
Participation in module entitled "How to Present Scientific Data", DAAD Kairo Akademie, Benha University.	2018
Workshop on Uses and Applications of Real-Time q PCR, National Research Center, Giza, Egypt.	2018
Workshop on Application of Endnote, National Research Center, Giza, Egypt.	2018
Attending a symposium on integrated care for veal calves - Egyptian Veterinary Association for Buffalo Development, National Research Center, Giza, Egypt.	2018
Training program on Application of Ultrasonography in Pet Animals- held at in Fc. Vet. Med., Benha University.	2018
A workshop on Introducing the Egyptian Knowledge Bank (EKB) - held at in Fc. Vet. Med., Benha University.	2018
Workshop on Scientific Image Manipulation and Analysis, National Research Center, Giza, Egypt.	2019
Workshop on International Publication of Scientific Articles, National Research Center, Giza, Egypt.	2019
Participated in module entitled (Research Management), DAAD Kairo Akademie, held at in Fc. Vet. Med., Benha University.	2019
Workshop on Scientific Writing, National Research Center, Giza, Egypt.	2019
Attending the Egyptian Knowledge Bank workshop The success of searching in databases, National Research Center, Giza, Egypt.	2019
Work shop about artificial intelligent in animal productions , online zoom program	2021
Work shop about Microsoft teams program using, faculty of veterinarian medicine, benha university	2021
A training course about Fundamentals of Digital Transformation certificate (FDTC), Faculty and Leadership Development Center- Benha university	9/2021
A training course about Question banks and electronic tests, Faculty and Leadership Development Center- Benha university	10/2021



- Appreciation **Certificate** for honoring the effective participation in the development activities of the village of Kafr Farsis, Benha Center - 2019
- A **certificate** of appreciation for its efforts during the college accreditation visit from February 23-25, 2020, which resulted in the renewal of accreditation for the college, 2020.

### **Scientific Prizes:**

- 1- Award for “Outstanding Performance in the Field Of Scientific Research And International Publication” of the University of Benha - citations January 2021.

Date:

**Head of Department**

**Faculty Dean**

**Prof./ Alaa El Sayed Abdel Ghaffar**

**Prof./ Amany Abbas Abdel Rahman**