

Curriculum Vitae

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- **Name of Applicant :** Nermeen Atef Helmy El-Sayed
- **Current Academic Rank :** Lecturer of Animal Physiology
- **Current University :** Beni-Suef University
- **Current Faculty :** Faculty of Veterinary Medicine
- **Current Department :** Animal Physiology Department
- **Specialization :** Animal Physiology.

PERSONAL DATA

- **Date of Birth:** 28 Sep., 1978
- **Place of Birth:** Beni-Suef Province
- **Nationality:** Egyptian
- **Address:** Beni-Suef, Egypt.
 - **Phone:** 082 2320001 / 082 2332401
 - **Email:** nermeen.elshemy@yahoo.com
- **Work Address:** Animal Physiology Department, Faculty of Veterinary Medicine, Beni-Suef, Egypt.
 - Phone:** 082 327982 / 082 322066
 - Fax:** 082 327982
- **Marital Status:** Married

ACADEMIC QUALIFICATIONS

- **Bachelor Degree of Veterinary Medical Sciences:**
 - Date of degree awarded: September, 2000
 - Faculty of Veterinary Medicine, Cairo University (Beni-Suef).
 - Specialization: Veterinary Medical Sciences
- **Master Degree of Veterinary Medical Sciences:**
 - Date of degree awarded: 24 March, 2005.
 - Faculty of Veterinary Medicine, Cairo University (Beni-Suef).
 - **Specialization: Animal Physiology**
 - Title of Thesis: Some studies on in vitro fertilization in buffaloes
- **Ph. D degree of Veterinary Medical Sciences:**
 - Date of degree awarded: 17 September, 2008.
 - Faculty of Veterinary Medicine, Beni-Suef University.
 - Specialization: **Animal Physiology**
 - Title of Thesis: Studies on cryopreservation of in vitro produced cattle embryos

COMPUTER USE

The applicant is highly aware by the following software:
DOS, WINWORD, EXCELL, INTERNET, POWER POINT

EMPLOYMENT HISTORY

- 16 January 2001 till 20 April 2005:

Demonstrator of Animal Physiology, Physiology Department, Faculty of Veterinary Medicine (**Beni-Suef**), **Cairo University**.

- 20 April 2005 till 28 October 2008:

Assistant Lecturer of Animal Physiology, Physiology Department, Faculty of Veterinary Medicine(**Beni-Suef**), **Cairo University**.

- 28 October 2008 till now:

- Lecturer of Animal Physiology, Physiology Department, Faculty of Veterinary Medicine, **Beni Suef University**.

UNIVERSITY TEACHING

(I) Courses taught by applicant at university level :

- Cell physiology
- Cardiovascular system
- Endocrinology.
- Physiology of lactation
- Digestion and Metabolism
- Regulation of body temperature
- Nerve and muscle.
- Fish physiology
- Experimental Physiology
- Body fluid (blood, lymph, CSF...etc)
- Respiration
- Physiology of reproduction in male and female.
- Physiology of growth
- Urinary system.
- Nervous system
- Avian physiology.
- Environmental Physiology and Isotopes

RESEARCH AND CREATIVE ACTIVITIES

(I) Research articles that have been published in refereed journals:

1- Title : Effect of β -mercaptoethanol and taurine in maturation medium on bovine in vitro embryo production.

- **Source:** Egypt. J. Basic Appl. Physiol. 8(2): 301 – 309, (2009).

- **Authors:** Saadia A. Ali¹ and **Nermeen A. Helmy**²

Physiol. Depart., Fac. Vet. Med. Suez Canal¹ and Beni-Suef² Univ.

2- Title: Effect of bovine ovary cryopreservation on oocyte recovery and in vitro maturation.

- **Source:** Egypt. J. Basic Appl. Physiol. 8(2): 477-486, (2009).

- **Authors:** Saadia A. Ali¹; Khalil, A. Yassen² and **Nermeen A. Helmy**³

Physiol. Depart. Fac.Vet. Med. Suez Canal¹ and Beni-Suef³ Univ. and Theriogenol. Depart., Fac. Vet. Med. Beni-Suef Univ.

3- Title: Effect of melatonin in culture medium on in vitro maturation and DNA integrity of bovine oocytes.

- **Source:** BS. Vet. Med. J. 21 (1): 44-50, (2011).

- **Authors:** Saadia A. Ali¹, Nermeen A. Helmy² and B. R. Abdel-Halim³

Physiol. Depart., Fac. Vet. Med. Suez Canal¹ and Beni-Suef² Univ. and Theriogenol. Depart., Fac. Vet. Med. Beni-Suef Univ.

4- Title: Role of Ginger Against the Reproductive Toxicity of Aluminium Chloride in Albino Male Rats

- **Source:** Reprod. Dom. Anim. 47: 335–343, (2012).

- **Authors:** Walaa, A. Moselhy¹, Nermeen, A. Helmy², B.R. Abdel-Halim³, Tagreed, M. Nabil⁴ and Marwa, I. Abdel-Hamid⁵

Foren. Med. Toxicol. Depart.¹, Physiol. Depart.², Theriogenol. Depart.³, Cytol. and Histol. Depart.⁴, Fac. Vet. Med., Beni-Suef Univ. and Biochem. Depart., Fac. Vet. Med., Cairo Univ.⁵

5- Title: Stress indicator response to anesthesia and surgery in sheep and goat: comparative study

- **Source:** BS. Vet. Med. J. 22 (1): 99 – 104 (2013).

- **Authors:** M. Abdel Fattah¹, Nermeen A. Helmy² and S. S. Ibrahim²

Surg. Anesth. Radiol. Depart. ¹ and Physiol. Dept.², Fac. Vet. Med., Beni-Suef Univ.

6- Title: Effect of gonadorelin products administered during and after 5 days from artificial insemination on serum progesterone, conception rate and circulating luteinizing hormonal profiles in lactating dairy cows.

Source: J. Egypt. Vet. Med. Assoc. 73 (2): 291-303 (2013).

- **Authors:** B.R. Abdel-Halim¹ and Nermeen A. Helmy²

Theriogenol. ¹ and Physiol.² Depart., Fac. Vet. Med. Beni-Suef Univ.

7- Title: Effect of insulin-like growth factor-I and epidermal growth factor on in vitro embryo production in cattle

Source: Assiut Vet. Med. J. 60 (140): 139-144 (2014).

- **Authors:** Nermeen A. Helmy¹ and B.R. Abd El-Halim²

Physiol. ¹ and Theriogenol.² Depart., Fac. Vet. Med. Beni-Suef Univ.

8- Title: Follicular dynamics, ovulation and reproductive hormones following GnRH pre-treatment in post partum suckled dairy buffalo – cows.

- **Source:** Assiut Vet. Med. J. 60 (141): 112-119l (2014).

- **Authors:** B.R. Abdel-Halim¹ and **Nermeen A. Helmy**²

Theriogenol. ¹ and Physiol.² Depart, Fac. Vet. Med., Beni-Suef Univ.

(III) Books authored by applicant (with others)

- Principles of Animal Physiology (Part I)

- Principles of Animal Physiology (Part II)

(IV) Supervision of Theses:

1- Title of Thesis: In vitro studies on pituitary response to antioxidant additives

- **Degree:** Master degree (Animal Physiology)

- **University Conferring the Degree:** Faculty of Veterinary Medicine, Beni-Suef University.

- **Date registration:** 20-12-2009 (approved).

2- Title of Thesis: Genetic polymorphism of some genes related to ovarian physiological function in sheep

- **Degree:** Master degree (Animal Physiology)

- **University Conferring the Degree:** Faculty of Veterinary Medicine, Beni-Suef University.

- **Date registration:** 22-12-2013.

3- Title of Thesis: Effect of some food additives on productive and reproductive activities in rats

- **Degree:** Master degree (Animal Physiology)

- **University Conferring the Degree:** Faculty of Veterinary Medicine, Beni-Suef University.

- **Date registration:** 18-11-2012.

4- Title of Thesis: Trials for embryos production and transfer in buffalo

- **Degree:** Ph. D degree (Genetics, Theriogenol. & AI.)

- **University Conferring the Degree:** Fac. Vet. Med., Beni-Suef Univ.

- **Date registration:** 22-12-2013.

OTHER UNIVERSITY ACTIVITIES

- 1-** Share in the 7th Scientific Congress of Society of Physiological Science and their Applications during the period from 3 to 7 November, 2009.
- 2-** Share in the 5th International Congress of Egyptian Society for Environmental toxicology 2009.
- 3-** Share and contribute in the preparation of 2nd Scientific Environmental congress, held in Faculty of Veterinary Medicine, Beni-Suef University, 28-30 April, 2011.
- 4-** Share and contribute in the preparation of 2nd International Congress held in the Beni-Suef University, during 19-20 February, 2013.
- 5-** Share and contribute in the preparation of 7th Scientific Congress, held in the Faculty of Veterinary Medicine, Beni-Suef University, during 24-28 February, 2013.
- 6-** Share in 3rd International congress held in Beni-Suef University at 21 May., 2013.
- 7-** Leader of Art Committee during 2008/2009, 2009/2010, 2012/2013 till now.

MEMBERSHIP OF PROFESSIONAL ORGANIZATIONS

Membership in the Society of Physiological Science and their Application during the period from September 2004 till now.