



## CURRICULUM VITAE



**Name:** *Aly Bassunny Okab*  
**Date of Birth:** *1 May 1959*  
**Place of Birth:** Alexandria, Egypt.  
**Religion:** Moslem  
**Marital Status:** Married; Two daughters, one son.  
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### **Qualifications:**

**Ph.D.**, Animal Production, Physiology (1989), Dept. Animal Production, Faculty of Agric., Alex. Univ., Alexandria, Egypt.

**Thesis Title:** Physiological and Environmental Studies in Mammals: Changes in Some Hormonal and Hematological Characteristics during Pregnancy in Sheep as Affected by Breed and Season.

**M.Sc.**, Animal Production, Physiology (1985), Dept. Animal Production, Faculty of Agric., Alex. Univ., Alexandria, Egypt.

**Thesis Title:** Physiological Studies on Farm Animals Progesterone Profile and Some Hematological Characteristics during Pregnancy in Barki and Rahmani Sheep.

**B.Sc.**, Animal Production (very Good, June, 1981). Dept. Animal Production, Faculty of Agric., Alex. Univ., Alexandria, Egypt.

### **Fine Speciality:**

Environmental Animal Physiology,  
Environmental Reproductive Toxicology,  
Environmental Stress Physiology,  
Environmental Impact and Risk Assessment.

### **Employment:**

**Professor of Environmental Animal Physiology,**

Dept. of Environmental Studies, Institute of Graduate Studies and Research, Alex. Univ., Alexandria, Egypt. (2004 until now).

**Associate Professor of Animal Physiology,**

Dept. of Environmental Studies, Institute of Graduate Studies and Research, Alex. Univ., Alexandria, Egypt. (1996 to 2004).

**Lecturer,**



Dept. of Environmental Studies, Institute of Graduate Studies and Research, Alex. Univ., Alexandria, Egypt. **(1990 to 1996).**

**Assistant Lecturer,**

Dept. of Environmental Studies, Institute of Graduate Studies and Research, Alex. Univ., Alexandria, Egypt. **(1985 to 1990).**

**Demonstrator,**

Dept. of Environmental Studies, Institute of Graduate Studies and Research, Alex. Univ., Alexandria, Egypt. **(1983 to 1985).**

**Demonstrator,**

Central of Graduate Studies and Research, Alexandria University, Alexandria, Egypt. **(1981 to 1983).**

**Post Doctoral:**

Scholarship holder of the Egyptian Government in the framework of the post doctoral program. At the Slovak Agricultural research Centre, Slovak Republic, Nitra for 6 months from **2007** until **2008**.

**Training Course:**

**A) As a trainee:**

1. Research Groups: Current Status and Prospects. Deanship of Scientific Research, King Saud Univ., Kingdom of Saudi Arabia, **(24, February, 2013).**
2. Towards distinguished outcomes for the National Plan Projects, The national Plan for Science, Technology and Innovation (NPST), King Saud Univ., in cooperation with King Abdul-Aziz City for Science and Technology (KACST), Kingdom of Saudi Arabia, **(2-5, March 2013).**
3. The national Plan for Science, Technology and Innovation (NPST) work shop, King Saud Univ., in cooperation with King Abdul-Aziz City for Science and Technology (KACST), Kingdom of Saudi Arabia, **(20, March 2011).**
4. Get Read. Publish with Springer" Scientific Writing and Publishing", Vice-Rectorate for Graduate Studies and Research in cooperation with King Abdul-Aziz City for Science and Technology (KACST) and Springer for academic publishing, **(21, March 2011)**
5. Utilization of Molecular Markers in Animal Genetic Variability and Fingerprinting. Department of Animal Production, College of Food and Agriculture Sciences, King Saud university, Kingdom of Saudi Arabia, **(19-20, April, 2011).**
6. Curriculum Design, Faculty and Leadership Development centre (FLDP), **(1-2, April 2006)** Alexandria University.
7. Credit Hours, Faculty and Leadership Development centre (FLDP), **(3-4, April 2006)** Alexandria University.



8. Quality Assurance and accreditation, Faculty and Leadership Development centre (FLDP), **(15-16, April 2006)** Alexandria University.
9. Organization development, Faculty and Leadership Development centre (FLDP), **(22-25, October 2005)** Alexandria University.
10. Group Dynamics, Faculty and Leadership Development centre (FLDP), **(10-13, Sept., 2005)**. Alexandria University.
11. Financial affairs, Faculty and Leadership Development centre (FLDP), **(17-19, Sept. 2005)** Alexandria University.
12. Management Skeleton, Faculty and Leadership Development centre (FLDP), **(23-27, April 2005)** Alexandria University.
13. University's Law, Faculty and Leadership Development centre (FLDP), **(9-11, April 2005)** Alexandria University.
14. Active Presentation Skeleton. Faculty and Leadership Development centre (FLDP), **(19-22, March 2005)**, Alexandria University.
15. Essentials of Information Technology, Design, and Management. Organized by The Arab Society of Materials Science. In cooperative with The Arab Academy for Science and Technology, Alex. Egypt. Sponsored by The US Department of State, Bureau of Educational and Cultural Affairs, The Institute of International Education, and The Fulbright Senior Specialists Program, Washington, DC, USA. **(5-10 July 2003)**.
16. The Third Regional Training Course on Management and Conservation of Natural Protected Areas. UNESCO, MAB and WHO, **(27 May-9 June, 1995)**, Cairo University, Cairo, Egypt.
17. Seminar on Industrial Pollution Control. High Institute of Public Health, **(15-27 Sept. 1990)** Alex. Univ., Alexandria, Egypt.

#### **B) As a trainer:**

1. Strategies to alleviate the adverse effects of heat stress on farm animal performance in hot regions, Department of Animal Production, College of Food and Agriculture Sciences, King Saud University, Kingdom of Saudi Arabia, **(13-14, November, 2012)**.
2. Environmental Hazards on Livestock productivity. Alex. Univ., Alexandria, Egypt, **(4-7, September, 2005)**.
3. Environmental Management: Metrology, Objectives, and Applications. Alex. Univ., Alexandria, Egypt, **(16-21, March, 1996)**.
4. Effects of Hazardous Chemicals on Livestock. Alex. Univ., Alexandria, Egypt. **(18-20, May, 1990)**.

#### **Conferences:**

1. **3<sup>rd</sup> international conference (2017)** "Sustainable Development of Livestock's Production Systems" Animal and Fish Production Department Faculty of Agriculture, Alexandria University, November 7-9, 2017.



2. Annual conference of Experimental Biology (**2015**), Boston, USA, March 28-April 1. Program No. 842.3, Abstract No. B 543.
3. **5<sup>th</sup>** International Meeting on the Physiology and Pharmacology of Temperature Regulation, pp: 99. Skukusa, Kruger National Park, South Africa, 7-12 September **2014**.
4. Conference of Sustainability of Camel Population and Production. College of Agricultural and Food Sciences, King Faisal University, Kingdom of Saudi Arabia, 17-20 February (**2013**). pp: 118-119.
5. **3<sup>rd</sup>** Conference of the International Society of Camelid Research and Development, **29<sup>th</sup>** January–**1<sup>st</sup>** February (**2012**), Muscat, Sultanate Oman.
6. Experimental Biology, 21-25 April, (**2012**), San Diego, California, USA.
7. Engineering and Technology Conference, World Academy of Science, **13-14 May, 2012**, Amsterdam, The Netherlands, Holland.
8. **26<sup>th</sup>** Meeting of the Saudi Biological Society titled: “Climatic Change and Biodiversity” Taif University, in corporation with the Presidency of Metrological and Environment, the Saudi Commission for Wildlife, and Prince Sultan Chair for Environment and Wildlife (**10-12 May, 2011**) Abstract No. SBS-26-2011-885, pp 80.
9. **3<sup>rd</sup> International Conference** “Safety and Quality of Raw Materials and Foodstuffs” **31/1/2007- 1/2/2008**, Slovak Republic, Nitra.
10. **7<sup>th</sup> International Conference**, risk Factors of Food Chain, (**October 11<sup>th</sup>, 2007**) Slovak Republic, Nitra.
11. **Experimental Biology 2007**, Today's Research Tomorrow's Health Annual Meeting scheduled **April 28–May 2**, in USA Washington, DC.
12. **3<sup>rd</sup>** Scientific Conference on Physiological Response to Environmental Pollutions. Dept. of Physiology, Faculty of Veterinary Medicine, Cairo University, Society of Physiological Sciences and Their Applications. Ras Sedr, (**28-31 July, 2005**).
13. **4<sup>th</sup>** International Conference on "Rabbit Production in Hot Climate", Sharm Elsheikh, Egypt, (**24-27 February, 2005**).
14. **4<sup>th</sup>** Scientific Conference on “Role of Biochemistry in Environment and Agriculture” Dept. of Biochemistry, Faculty of Agriculture, Cairo University (**17-19 February, 2004**).
15. **1<sup>st</sup>** Scientific Conference on Modern Applications in Physiological Sciences. Dept. of Physiology, Faculty of Veterinary Medicine, Cairo University, Society of Physiological Sciences and Their Applications (**5-9 August, 2003**).
16. **1<sup>st</sup>** Anglo-Egyptian Conference on Bioscience and technology. Alexandria University, Institute of Graduate Studies and Research, Dept. of Biotechnology (**10-15 November, 1990**).
17. Regional Symposium on Environmental Studies Alexandria University, Institute of Graduate Studies and Research, Dept. of Environmental Studies (**15-17 May, 1990**).



### **Research Interests:**

- 1- Studying the Effects of Environmental Pollutants on Animal Reproductive Traits and Physiological Performance.
- 2- Assessment of Bioclimatic Factors on Animal Physiology and Reproductive Functions.
- 3- Blood and Semen Analysis.
- 4- Hormonal and Enzyme Assay.

### **Teaching Experience**

**Alexandria University Alexandria Egypt:**

**Institute of Graduate Studies and Research,**

**Department of Environmental Studies**

**Taught the following academic level courses:**

1. Advanced Environmental Physiology.
2. Environmental Physiology and Animal Nutrition.
3. Effect of Pollution on Plant and Animal.
4. Reproductive Hormones and Toxicology.
5. Principals of Applied Ecology "Animal Ecology".
6. Advanced Reproductive Physiology.
7. Management of Environmental Disaster.

**El-Fateh University, Tripoli, Libya:**

**Educational College, Department of Biology,**

**Taught the following academic level courses:**

1. Embryology and Development.
2. Paracytology.
3. General Physiology.

**Kingdom of Saudi Arabia, King Saud University,**

**College of Food and Agriculture sciences,**

**Department of Animal production**

**Taught the following academic level courses:**

- 1- Animal Physiology
- 2- Practical Animal Physiology
- 3- Animal Production and Poultry Housing: Environment and Control

### **Supervision of Postgraduate Students**

1. Studies on Environmental Biological Effects of Some Desert Plants on Experimental and Range Animals in Egypt. **Ph.D.**
2. Environmental changes in Lake Mariout and assessing its socioeconomic impacts. **M.Sc.**



3. Valuing environmental pollution damage, using hedonic pricing approach. Case study: western section of Alexandria. **M.Sc.**
4. Assessment of economic instruments utilization potentials in environmental policy in Egypt. **M.Sc.**
5. A study on biochemical indicators of herbicides applications in the environment. **M.Sc.**
6. A study on selected biochemical indicators due to exposure to environmental pollution. **M.Sc.**
7. Study of adverse effect of agriculture drainage water on reproductive traits and some hematological parameters in rabbits. **M.Sc.**
8. The possible effects of refined plant oil on some physiological and biochemical characteristics in experimental animals. **M.Sc.**

### Diploma in Environmental studies

1. Biological effects of air pollution resulting from electrical power generating stations.
2. Health hazards of some food additives used in processed food available in Egyptian markets.
3. Influences of growth promoters on some physiological parameters on mammals.
4. Forms of oxygen as environmental pollutants.
5. Phynab otoperiodizm and circadian rhythm interactions with toxic effects of environmental pollutants.
6. Possible utilization of melatonin to prevent highly reactive atoms.
7. Herbicides producing oxidative stress and possible prevention.
8. Environmental assessment of mycotoxins in some foodstuff.
9. Study of the Egyptian protected areas as natural ecosystems.

### Diploma in Energy conservation

1. Hydrogen production as an alternative source of energy.
2. Case study energy consumption in the use of hydrogen as alternative source of energy.

### Projects/funds

1. Al-Haidary A., Al-Seaf, M. A., Abdoun, K. A. and **Okab, A. B. (COI)**, El- Zarei, M. F. (2 year January **2014**- January **2015**). Evaluation of the Heat Tolerance and Growth Performance of Aardi and Damascus Crossbred Goats. funded by National Plan for Science and Technology (NPST), Project no., 12-AGR 2540-02 (1,865,000 SR).
2. Al-Haidary A.I. **Okab, A. B. (COI)**, Sadder, T.M., Migdadi M. H., Abdoun K.A. Samara E. M. (2 year, January **2011**- January **2013**). Identification of Major Camel's Heat Stress Genes, funded by National Plan for Science and Technology (NPST), Project no., 09-BIO885-02, (1,869,000 SR).
3. **Okab, A. B. (PI)**, Al-Haidary, A. I. and El-Waziry, A. M. (1 year, March **2012**- March **2013**). Improvement of Physiological and Reproductive Statuses of Naimey Sheep Using Seaweed as Feed Additives, funded by King Abdulaziz City for Science and Technology (KACST), Project no., LGP-15-21, (125,900 SR).





4. A.I. Al-Haidary, **Okab, A. B., as assistant researcher**, (1 year, March 2010- March 2011). Brain Cooling and Adaptive Heterothermy Phenomenon in Arabian Camels (*Camelus dromedarius*) funded by King Abdulaziz City for Science and Technology (KACST), Project no., SGP-14-14, (119,000 SR).
5. Abdoun, K. A. and Al-Haidary A. **Okab, A. B., as assistant researcher**, (1 year, May 2013- May 2014). Production performance and immune response of heat-stressed growing camel calves fed diet supplemented with chromium, funded by King Abdulaziz City for Science and Technology (KACST), Project no., SGP-10-146, (160,000 SR).
6. El-Nouty, F.D., Salem, M. H. et. al. **Okab, A. B. as assistant researcher**, (5 years, May/1984-May/1989) Studies on the Seasonality of Ovarian Functions and on the Effect of Management on the Reproductive Efficiency of Egyptian Native Breeds of Ewes. Funded by International Atomic energy Agency in Vienna, Contract no. 3184.

## Publications

### International Publications (38):

1. Ibrahim A. Alhidary, M. A. Alsofi, K. A. Abdoun, E. M. Samara, **A. B. Okab**, A. A. Al-Haidary, (2018). Influence of dietary chromium yeast supplementation on apparent trace elements metabolism in growing camel (*Camelus dromedarius*) reared under hot summer conditions. [Tropical Animal Health and Production, 50: 519–524. \(ISI\).](#)
2. Khalid Abdoun, Emad Samara, **Aly Okab**, Mohamed Al-Badwi, Mohamed El-Zarei, Ali Al-Seaf, Ahmed Al-Haidary, (2018). Correlation of blood triiodothyronine (T3) level with some production traits in male goat kids. [Turk J Vet Anim Sci 42: doi:10.3906/vet-1705-1706. \(ISI\).](#)
3. Elzareif MF, Al-Seaf AM, Al-Haidary AA, **Okab AB**, Samara EM, Abdoun KA (2017). Comparison of heat shock protein gene (hsp70-1) sequence in aradi and damascus goat breeds (*capra hircus*) raised under heat stress conditions. [Journal of Experimental Biology and Agricultural Sciences, August 5: \(Spl-1-SAFSAW\) S63-S67 DOI: http://dx.doi.org/10.18006/2017.5 \(Spl-1-SAFSAW\). S63.S67. \(ISI\).](#)
4. **Aly Bassunny Okab**, Talaat Mohamed Nasser, Sabah Gaber El-Banna, Mostafa Abdelsattar Ayoub, Emad Mohamed Samara, Ahmed Abraham Al-Haidary, (2017). Can feed supplementation refined vegetable oils enhance the seminal quality of rabbit bucks (*Oryctolagus cuniculus*)? [Anim. Reprod. Horizonte. 14 \(4\):1014-1023 DOI: 10.21451/1084-3143AR808, \(ISI\).](#)
5. Ibrahim A. Alhidary, M. A. Alsofi, K. A. Abdoun, E. M. Samara, **A. B. Okab** and A. A. Al-Haidary (2017). Influence of dietary chromium yeast supplementation on apparent trace elements metabolism in growing camel (*Camelus dromedaries*) reared under hot summer conditions. [Tropical Animal Health and Production, 50:519-524, DOI org/10.1007/s11250-017-1462-x. \(ISI\)](#)



6. Al-Haidary AA., Abdoun KA., Samara EM., **Okab AB.**, Sani M., Refinetti R. (2016). Daily rhythms of physiological parameters in the dromedary camel under natural and laboratory conditions. [Research in Veterinary Science, 107: 273–277. \(ISI\).](#)
7. Emad Mohammed Samara, Khalid Ahmed Abdoun, **Aly Bassunny Okab**, Mohammed Abdo Al-Badwi, Mohamed Fawzy El-Zarei, Ali Mohamed Al-Seaf, Ahmed Abraham Al-Haidary (2016). Assessment of heat tolerance and production performance of Aardi, Damascus, and their crossbred goats. [Int. J. Biometeorol., 60 \(9\):1377-1387. \(ISI\).](#)
8. Sadder M.T., Migdadi H.M., Zakri A.M., Abdoun K.A., Samara E.M., **Okab A.B.**, Al-Haidary A.A. (2015). Expression analysis of heat shock proteins in dromedary camel (*Camelus dromedarius*). [Journal of Camel Practice and Research, 22 \(1\):19-24 \(ISI\).](#)
9. Monther Sadder, Hussein Migdadi, Ahmed Al-Haidary, **Aly Okab**, (2015). Identification of simple sequence repeat markers in the dromedary (*Camelus dromedarius*) genome by next-generation sequencing. [Turkish Journal of Veterinary and Animal Sciences, 39: 218-228 \(ISI\).](#)
10. Ahmed El-Waziry, Ahmed Al-Haidary, **Aly Okab**, Emad Samara, Khalid Abdoun (2015). Effect of dietary seaweed (*Ulva lactuca*) supplementation on growth performance of sheep and on in vitro gas production kinetics. [Turkish Journal of Veterinary and Animal Sciences, 39: 81-86 \(ISI\).](#)
11. Khalid Ahmed Abdoun, Mohamed Abdulwahed Alsofi, Emad Mohamed Samara, Ibrahim Abdullah Alhidary, **Aly Bassunny Okab** and Ahmed Abraheem Al-Haidary (2015). Evaluation of the effects of chromium supplementation on growth and nitrogen balance of camel calves under summer conditions. [Tropical Animal Health and Production, 44 \(7\):619-621. \(ISI\)](#)
12. Abdoun, K.A., **Okab, A.B.**, El-Waziry, A.M., Samara, E.M., Al-Haidary, A.A. (2014). Dietary supplementation of seaweed (*Ulva lactuca*) to alleviate the impact of heat stress in growing lambs. [Pakistan Veterinary Journal, 34\(1\): 108-111. \(ISI\)](#)
13. Hassan Babor, **Aly B. Okab**, Emad M. Samara, Khalid A. Abdoun, Omar AL-Tayib and Ahmed A. Al-Haidary (2014). Adaptive Thermophysiological Adjustments of Gazelles to Survive Hot Summer Conditions. [Pakistan J. Zool., vol. 46\(1\), 245-252. \(ISI\)](#)
14. Abdoun, K.A., E.M. Samara, **A.B. Okab** A.A. Al-Haidary (2013). The Relationship Between Coat Colour And Thermoregulation In Dromedary Camels (*Camelus dromedarius*) [Journal of Camel Practice and Research, 20 \(2\): 251-255. \(ISI\).](#)
15. Samara, E.M., **Okab, A.B.**, Abdoun, K.A., El-Waziry, A.M., Al-Haidary, A.A. (2013). The subsequent influence of feeding intact green seaweed *Ulva lactuca* to growing lambs on the seminal and testicular characteristics in rams. [Journal of Animal Science, 91:5654-5667. \(ISI\)](#)
16. Abdoun, K.A., E.M. Samara, **A.B. Okab**, Al-Haidary, A.A., (2013). Thermophysiological responses and heat tolerance of Saudi camel breeds. [International Journal of Chemical, Environmental & Biological Sciences \(IJCEBS\) Volume 1, Issue 1 ISSN 2320-4087 \(online\).](#)
17. Abudabos, A., **Okab, A.B.**, Aljumaah, R., Samara, E.M., Abdoun, K., Al-Haidary, A.A. (2013). Nutritional value of green seaweed (*Ulva lactuca*) for broiler chickens. [Italian Journal of Animal Science, 12 \(e28\): 33-37. \(ISI\)](#)
18. **Okab, A.B.**, Samara, E.M., Abdoun, K.A., Rafay, J., Ondruska, L., Parkanyi, V., Pivko, J., Ayoub, M.A., Al-Haidary, A.A., Aljumaaha, R.S., Peter, M. and Lukac, N. (2013). Effects of





- dietary seaweed (*Ulva lactuca*) supplementation on the reproductive performance of buck and doe Rabbits. [Journal of Applied Animal Research, 41\(3\): 347-355. \(ISI\)](#)
19. AL-Haidary, A.A., Samara, E.M., Abdoun, K., **Okab, A.B.** (2012). Circadian rhythms of several biothermal parameters in camels (*Camelus dromedarius*). [World Academy of Science, Engineering and Technology, 65: 634-646.](#)
  20. Samara, E.M., Abdoun, K., **Okab, A.B.** and A.A. AL-Haidary, A.A. (2012). Exercise and dehydration minimized bleeding time in camels (*Camelus dromedarius*): a clinical standpoint. [Pakistan Veterinary Journal, 32 \(3\): 432-434. \(ISI\)](#)
  21. **Aly B. Okab**, Mostafa A. Ayoub, Emad M. Samara, Khalid A. Abdoun, Ahmed A. Al-Haidary, Ahmed A. Koriem, Ayman A. Hassan (2012). Improvement of growth and nitrogen utilization in sheep using sugar beet pulp treated with *Trichoderma reesei* or Urea. [Tropical Animal Health and Production, 44 \(7\):1623-1629. \(ISI\)](#)
  22. Alhaidary, A.I., Aljumaah, R.S., Alshaikh, M.A., Samara, E.M., Abdoun, K.A., **Okab, A.B.**, Alfuraiji, M.M. (2012). Thermoregulatory and physiological responses of Najdi sheep exposed to environmental heat load prevailing in Saudi Arabia. [Pakistan Veterinary Journal, 32\(4\): 515-519. \(ISI\)](#)
  23. Samara, E.M., Abdoun, K., **Okab, A.B.** and A.A. AL-Haidary, A.A. (2012). A Comparative thermo-physiological study on water deprived goats and camels. [Journal of Applied Animal Research, 40\(4\): 316-322. \(ISI\)](#)
  24. Abdoun, K.A., Samara, E.M., **Okab, A.B.**, Al-Haidary, A.A. (2012). Regional and circadian variations of sweating rate and body surface temperature in camels (*Camelus dromedarius*). [Animal Science Journal, 83, 556-561. \(ISI\)](#)
  25. Abdoun, K.A., Samara, E.M., **Okab, A.B.**, Al-Haidary, A.A. (2012). State of acid-base balance in dehydrated camels (*Camelus dromedarius*). [Asian Journal of Animal and Veterinary Advances 7 \(5\): 420-426. \(ISI\)](#)
  26. Abdoun, K.A., Samara, E.M., **Okab, A.B.**, Al-Haidary, A.A. (2012). A Comparative study on seasonal variation in body temperature and blood composition of camels and sheep. [Journal of Animal and Veterinary Advances, 11 \(6\): 769-773. \(ISI\)](#)
  27. Ondruska L., Rafay J., **Okab A. B.**, Ayoub M.A., Al-Haidary A.A., Samara E.M., Parkanyi V., Chrastinova L., Jurcik R., Massanyi P., Lukac N., Supuka P. (2011). Influence of elevated ambient temperature upon some physiological measurements of New Zealand White rabbits. [Veterinarni Medicina, 56,\(4\): 180-186. \(ISI\)](#)
  28. Samara, E.M., Abdoun, K., AL-Tayib, O., **Okab, A.B.** and AL-Haidary, A.A. (2011). Tympanic membrane temperature of dromedary camels (*Camelus dromedarius*). [Journal of Camel Practice and Research, 18 \(2\): 305-318. \(ISI\)](#)
  29. Shubhadeep Roychoudhury, Peter Massanyi, Jaroslav Slamecka, Ivan Chlebec, Jozef Trandzik, Jozef Bulla, **Aly B. Okab**, Taha A. Taha, Mohamed H. Salem, Mostafa A. Ayoub (2009). In vitro gossypol induced spermatozoa motility alterations in rabbits. [J. Environmental Science and Health, Part B \(UK\), 44, 730-741. \(ISI\)](#)
  30. **Okab A. B.**, El-Banna S.G., Koriem A. A. (2008). Influence of Environmental Temperatures on Some Physiological and Biochemical Parameters of Male New-Zealand Rabbits. [Slovak J. Anim. Sci. Vol. 41 \(1\): 12-19.](#)
  31. **Okab A. B.** (2007). Semen Characteristics and Plasma Testosterone of New-Zealand Male Rabbits as Affected by Environmental Temperatures. [Slovak J. Anim. Sci. Vol. 40 \(4\): 161-167.](#)
  32. Yehia Mona A. H., El-Banna Sabah G. and **Okab Aly B.** (2007). Diazinon toxicity affects histophysiological and biochemical parameters in Rabbits. [Experimental & Toxicologic Pathology, 59: 215-225. \(ISI\)](#)



33. **Okab A.B.**, Ayoub M.A., Kamel K.I., Hassan G.A. and Salem M.H. (1995). Effect of feed deprivation in Anglo-Nubian, Baladi goats and their crossbred under subtropical conditions. [Indian J. Animal Sci. 65: 903-907.](#)
34. **Okab A. B.**, El-Banna I.M., Mekawy M.Y., Hassan G.A., El-Nouty F.D. and Salem M.H. (1993). Seasonal changes in plasma thyroid hormones, total lipids, cholesterol and serum transaminases during pregnancy and at parturition in Barki and Rahmani ewes. [Indian J. Animal Sci., 63: 946-951.](#)
35. **Okab A. B.**, Mekawy M.Y., El-Banna I.M., Hassan G.A., El-Nouty F.D. and Salem M.H. (1992). Seasonal changes in plasma volume, adrenocortical hormones, osmolality and electrolytes during pregnancy and at parturition in Barki and Rahmani ewes. [Indian J. Animal Sci., 62: 302-306.](#)
36. Hassan G.A., Salem M.H., El-Nouty F.D., **Okab A.B.** and Latif M.G. (1987). Hematological changes during summer and winter pregnancies in Barki and Rahmani sheep (*Ovis aries*). [World Review of Animal Production, 23: 89-95.](#)
37. Salem M. H., El-Nouty F.D., Hassan G.A., **Okab A.B.** and Badawy A.M. (1987). Seasonal changes in progesterone profile during pregnancy and at parturition in Barki and Rahmani ewes. [Indian J. Animal Sci., 57: 1089-1095.](#)

### Local Publications (13):

38. **Okab A. B.**, and El-Banna Sabah G. (2003). Physiological and biochemical Parameters in New-Zealand white Male Rabbits during spring and summer seasons. [Egypt. J. Basic Appl. Physiol. 2 \(2\): 289-300.](#)
39. **Okab A.B.**, El-Banna Sabah G., Hafez Afaf M., Yehia Mona, A. H. and Koriem A. A., (2004). Hematological, biochemical parameters and histochemical Enzymes of New-Zealand Rabbits drinking agricultural drainage water, [Egypt. J. Basic Appl. Physiol. 3 \(1\): 145-162.](#)
40. **Okab A.B.**, El-Banna Sabah G. and Yehia Mona, A. H. (2004). Seminal characteristics and gonadal histochemical changes of male and female red Baladi rabbits throughout seasons of the year. [Egyptian J. Rabbit Sci. 14 \(1\): 1-28.](#)
41. El-Nabarawy I.M., El-Banna Sabah G., **Okab A. B.** and Attia A. M. (2003). Diazinon residue in liver and kidney with special references to their function in red baladi rabbits. [J. Pest. Cont. & Environ. Sci. 11 \(1\): 53-66.](#)
42. **Okab A.B.** (2003). Physiological and reproductive performance of Male Baladi Rabbits fed on diet supplemented with Sea Algae during the summer season. [J. Pest. Cont. & Environ. Sci. 11 \(2\): 39-62.](#)
43. EL-Nabarawy I.M., Osfor M.M.H., **Okab A.B.**, and Shebl D.E.A. (2001). Effect of contaminated Honey with insecticide- residues on some Nutritional and Biochemical parameters in male Albino rats. [Egypt. J. Food Sci. 29 \(2\): 183-195.](#)
44. Zaghoul Maha, **Okab A.B.**, Abo-Elezz Zahraa, Hassan G.A. and Salem M.H. (1996). Effect of Mercuric Acetate on Some Semen characteristics in New-Zealand Male Rabbits. [Egyptian J. Anim. Prod. 33 \(1\): 57-69.](#)
45. Zaghoul Maha, **Okab A.B.**, Abo-Elezz Zahraa, Hassan G.A. and Salem M.H. (1995). Effect of Mercury intoxication on some blood characteristics in Male Rabbits. [Alex. J. Agric. Res. 40:119-137.](#)



46. **Okab A.B.**, Ayoub M.A., Kamel K.I., Hassan G.A. and Salem M.H. (1995). Effect of feed deprivation on some biochemical parameters of Anglo-Nubian, Baladi goats and their crossbred under subtropical conditions. [Egyptian J. Anim. Prod. 32: 51-61.](#)
47. Ayoub M.A., **Okab A.B.** (1995). Changes in some serum biochemical constituents of ossimi ewes before and after lambing. [Egyptian J. of Appl. Sci. 10: 145-157.](#)
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## **Thesis:**



1. **Aly B. Okab, Ph.D.**, Animal Production, Physiology (1989), Dept. Animal Production, Faculty of Agric., Alex. Univ., Alexandria, Egypt. **Thesis Title:** Physiological and Environmental Studies in Mammals: Changes in Some Hormonal and Hematological Characteristics during Pregnancy in Sheep as Affected by Breed and Season.
2. **Aly B. Okab, M.Sc.**, Animal Production, Physiology (1985), Dept. Animal Production, Faculty of Agric., Alex. Univ., Alexandria, Egypt. **Thesis Title:** Physiological Studies on Farm Animals Progesterone Profile and Some Hematological Characteristics during Pregnancy in Barki and Rahmani Sheep.

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1. **Okab A. B.**, El- Nabarawy I.M., El-Banna Sabah G., Yehia Mona A. H. (2002). Contact exposure of red Baladi rabbits to diazinon induces physiological and histopathological changes. Bull. Alex. Fac. Med. 38 (1): 121-135.
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