

## Anas Salem's curriculum vitae

From	To	Position	Institution, City, Country	Degrees/remarks
12.2005	To date	Assoc. Prof.	Fac. Of Agric, Assiut univ., Assiut, Egypt	Ph.D./Faculty member
10.1997	12.2005	Assist. Prof.	Assiut univ., Assiut, Egypt	Ph.D./Faculty member
07.1989	10.1997	T & R Assistant	Assiut univ., Assiut, Egypt	M.Sc.
02.1984	07.1989	Demonstrator	Assiut univ., Assiut, Egypt	B.Sc.
06.1982	02.1984	Graduate student	AlAzhar University	Military service
09.1978	06.1982	Student	AlAzhar University	B.Sc./excellent with honor degree
09.1975	06.1978	Student	Secondary school	Secondary certificate
10.2007	12.2007	Visiting Exchange	TUM, Freising, Munchen, Germany	DAAD award
1994	1996	Postgraduate student	Cornell university, Ithaca, NY, USA	Internal scholarship
07.1988	10.1988	Cultural Exchange	Karlovaacka, Industrija Mlijka, Yougoslavia	IESTA award
07, 1990	10, 1990	Cultural Exchange		IESTA award

### Personal data:

Name: Anas A. Salem, Ph.D.

Nationality: Egyptian

Birth date and place: February 28, 1958, Al Zahir, Cairo, Egypt

Gender: Male

Social status: Married

Home address: Hai ElZohoor , end of Gisir Elsuiss, behind Cairo air port, building 23, apartment # 302, Cairo, Egypt

Business address: Animal Production Department, Faculty of Agriculture, Assiut University, Assiut, Egypt

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Business phone: 088/2332306 Internal (2725)

E-mail address: [anas12eg@yahoo.com](mailto:anas12eg@yahoo.com)

### Education:

B.Sc. : Agricultural sciences, Animal production, June, 1982, with merit "Excellent with the honor degree", Faculty of Agriculture, Al Azhar University, Cairo, Egypt

M. Sc. : Animal production (Animal physiology) July, 1989, Faculty of Agriculture, Assiut University, Assiut, Egypt

M. Sc. thesis title: Studies of some reproductive aspects in Goats under Upper Egypt conditions.

Ph.D.: Animal production (Animal physiology) October, 1997, Faculty of Agriculture, Assiut University, Assiut Egypt

Ph.D.'s dissertation title: Some reproductive aspects in male sheep.

Part of the Ph.D. research program has been executed in the Animal Science Department, New York State College of Agriculture and Life Sciences, Cornell University, Ithaca, N.Y. 14853-4801 USA.

### **Employments:**

- Demonstrator: From 1984-1989, Animal production department, Faculty. of Agriculture, Assiut University, Assiut, Egypt.
- Teaching and Research Assistant: From 1989-1997, Animal production department, Faculty. of Agriculture, Assiut University, Assiut, Egypt
- Assistance professor of Animal Physiology: From November, 1997 to December 25, 2005, Department of Animal production, Faculty of Agriculture, Assiut University, Assiut, Egypt.
- Lecturer: From December, 2002 to August 2004, Dept. of Biology, Faculty of Science, Al-Merqeb university, AlKhoms, Libya
- Associate professor of Animal Physiology, from December 25, 2005 till now, Animal Production department, Faculty of Agriculture, Assiut university, Assiut -Egypt.

### **Courses taught:**

- General Animal science . This course has been taught in the Faculty of Science, and the faculty of Medicine, Al-Merqeb university, Al-Khoms, Libya from the period December 2002 to July 2004.
- Fundamentals of Animal Physiology
- Cell Physiology
- Physiology of Animal Production
- Physiology of Farm Animals
- Reproductive physiology and artificial insemination
- Advanced studies in Reproduction and Artificial insemination
- Endocrine glands and Adaptation
- Fundamentals of Animal production

### **Published Books:**

- Reproductive Physiology and Artificial Insemination in the Agricultural Animals. First edition, 2012, رقم الإيداع بدار الكتب والوثائق ، I.S.P.N. 978-977-716-841-0. الترقيم الدولي ، 2012/10766 القومية
- An Introduction to Animal Physiology (P. Svendsen, 1974): First edition, 2001, رقم الإيداع بدار الكتب القومية ، 2001 / 2531 ، الترقيم الدولي ، I.S.P.N. 977-17-0201-7, Distributed by The Egyptian Anglo Bookshop, 165 Sh. Mohamed farid , Cairo, Egypt. This book was translated from English to Arabic by Anas A. Salem.

### **Publications:**

- Salem, A. A.; Abd-Allah, I.; Heidar, M.; El-Shahawy, N. A. 2016.  $\beta$ -Carotene effect on reproduction and its anti-cancer effect. P-65, page 146-8th Central European Conference“Chemistry towards Biology“ 28th August – 1st September 2016 Brno, Czech Republic.

- **Anas A. Salem and Nada A. El-Shahawy 2015.** B-carotene effect on performance of reproduction in Farafra ewe lambs using Arachis oil. First International Conference on Applied Chemistry (ICAC 2015) "Chemistry for Sustainable World" November 18- 19, 2015, Jeddah, Saudi Arabia
- **Anas A Salem and Yasmin A Gomaa 2015.** Effect of combination vitamin E and single long-acting progesterone dose on enhancing pregnancy outcomes in the first two parities of young rabbit does Clin Exp Pharmacol 2015, 5:4
- **Anas A. Salem, Nada A. El Shahawy and I.A. Soliman 2015.** Effect of beta-carotene injection on estrus, vitamin A and estradiol-17 $\beta$  concentrations in pubertal Farafra ewe lambs. Egyptian J. Anim. Prod. 52:123-129.
- **Anas A. Salem and Yasmin A. Gomaa 2014.** Effect of combination vitamin E and single long-acting progesterone dose on enhancing pregnancy outcomes in the first two parities of young rabbit does. [Animal Reproduction Science, Volume 150, Issues 1–2, 10 November 2014, Pages 35–43.](#)
- **Anas A. Salem, Nada A. El-shahawy, M. Haidar. 2014.** Long-term effect of beta-carotene on reproductive performance in Farafra ewe lambs. The Egyptian Society for Animal reproduction and Fertility, 3-7 February, p. 17-45, Hurghada, Egypt.
- **Anas A. Salem, Nasrat AbdelAti, Gamal mahmoud 2015.** Progesterone profiles in breeding and non-breeding season of does goat. The journal of veterinary Science. *In press*
- **Anas A. Salem, Yasmin Gomaa and Hassan A. H. 2013.** Effect of single long-acting progesterone dose in the first pregnancy on some productive and reproductive traits at first and second kindling of New Zealand does rabbit. The Egyptian Society for Animal reproduction and Fertility, 3-7 February, p. 45-76, Ain AlSokhna, Egypt.
- **Anas Salem, Nasrat Abd El-Ati, Gamal Mahmoud' 2013.** Estrous activity detection device in mammals . Frontiers in Bioscience E5, 798-808.
- **Anas A. Salem, Nasrat AbdelAti, Hassan AbdelSabour, M. Kobesy and Gamal B. Mahmoud 2012.** Relationship of estrous activity in Damascus does to body weight, body measurements and progesterone profile across seasons. Science Series Data Report, Vol 4, No:3, 53-67.
- **Anas A. Salem, Hassan A. Hussein, Nasrat Abdel Ati and Gamal B. Mahmoud 2011.** Improving reproductive performance by glucose

injection in Damascus does goat during early summer. *J. American Science*, 7(6) 884-892.

- **Anas A. Salem, Hassan A. Hussein, Nasrat Abd. Abd El-Ati, and Gamal Badry Mahmoud 2010.** Improving Reproductive Performance by Glucose Injection in Damascus Does Goat During Early Summer. SSRABSTRACTS/2010/018838, USA.
- **Anas A. Salem, Nasrat Abd El-Ati, and Gamal B. Mahmoud 2011.** Estrous Activity Detected By a Male Goat and Frequent Vaginal Inspection Device in Damascus Does. *Biology of Reproduction* July 1, 2011 vol. 85 Meeting Abstracts 335
- **Anas A. Salem, Nasrat Abdel Ati and Gamal B. Mahmoud 2011.** Estrus activity detected by a male goat and frequent vaginal inspection device in Damascus does. The 44<sup>th</sup> Annual SSR Meeting, July 31-August 4, Portland, Oregon, USA, SSRABSTRACTS/2011/06898.
- **Anas A. Salem, Hassan A. Hussein, Nasrat Abdel Ati and Gamal B. Mahmoud 2010.** Improving reproductive performance by glucose injection in Damascus does goat during early summer. The 43<sup>rd</sup> Annual SSR Meeting, July 30-August 2, Milwaukee, Wisconsin, USA, SSRABSTRACTS/2010/018838, 594, P134.
- **El-Hammady H.Y, M.A. Abdelnabi, M.A. Awadallah, Anas A. Salem and Abdel Kareem, A. 2010.** Reproductive performance of Bouscat rabbits raised under Assiut subtropical climatic conditions. The 6<sup>th</sup> International Conference on rabbit production in hot climates, 1- 4 February, Assiut univ., Egypt
- **Anas A. Salem, Salem, S. Fahmy and A. Ali 2006.** Accelerating puberty in Rahmani ewe lambs born in autumn and winter by GnRH injection. Proceedings of the 13<sup>th</sup> conference of the Egyptian Society of Anim. Prod., 10-11 December, Cairo, Egypt, 129-140.
- **Anas A. Salem, Salma A. El-Abiad, Ghada, Z.A. Soliman and Nuri A. Mujber 2005.** Relationship of body weight at birth to bilirubin and haemoglobin concentrations in Libyans jaundiced newborn babies. *Egyptian J. Nutr.*, 20:21-32
- **Salem, A. A., I. Soliman and A. El-Din Zain 2005.** Improving estrus synchronization in Saidi maiden ewes by using PGF<sub>2α</sub> analogue and level of nutrition. *Egyptian Soc. Anim. Reprod. Fert.* 17<sup>th</sup> annual Cong., Al-Minia, 29-2 February.
- **El-Hammady H.Y., S. Yousef, Anas A. Salem, M. Abdelnabi and A. Ali 2005.** Effect of hcG injection on some reproductive performance in California and Bouscat rabbits. *Egyptian Soc. Anim. Reprod. Fert.* 17<sup>th</sup> annual Cong., Al-Minia, 29-2 February.
- **Anas A. Salem, I.A. Salem and Aboulwaffa G. 2005.** Relationship of puberty and semen characteristics to seasonal and nutritional variation in Saidi ram lambs. *Egyptian J. of Anim. Prod.* 42 (2):145-156.
- **Salem I.A., Anas A. Salem and Aboulwaffa G. 2005.** Relationship of testicular measurements to seasonal variation and level of feeding in Saidi ram lambs. *Egyptian J. of Anim. Prod. Assiut Vet. Med. J.*, 51:29-39
- **Al-Jalabey A. and Anas A. Salem 2004.** Relationship of testicular and epididymal variables to the alkaline phosphatase activity in

postmortum Iraqi goat bucks. The International conference of biology, Fac. Of Sci., Sebha university, 19-21 April, Sebha, Libya

- Ali A., **A. A. Salem** and A.Kh. Abdel-Razik 2003. Progesterone profiles during estrus synchronization in young Ossimi ewes. Assiut Vet. Med. J., 49:238-248
- Ali A., **Anas A. Salem and A. El-Din Zain 2002**. Ultrasonographic assessment of postpartum uterine involution and onset of ovarian activity in the Ossimi ewe. Egyptian Soc. Anim. Reprod. Fert., 14<sup>th</sup> Annual Congr. In Cooperation with Egyptian Vet. Nutr. Assoc, Giza2-7, February, 99-110.
- **El-Hommosi, F.F., I.A. Salem, F. Allam and A.A. Salem 1991**. Ovarian hormones throughout the oestrus cycle in goats under Upper Egypt conditions. Assiut Vet. Med. J. 25:46-55
- **Salem, I.A, F.F. El Hommosi, F. Allam and A.A. Salem 1991**. Seasonal variations in oestrus activity in goats under Upper Egypt conditions. Assiut Vet. Med. J. 26:108-114.

### **Conferences attended:**

- World Congress on Pharmacology 2015. Brisbane, Australia, July20-22, 2015.
- First International Conference on Applied Chemistry (ICAC 2015) "Chemistry for Sustainable World" November 18- 19, 2015, Jeddah, Saudi Arabia
- The 6<sup>th</sup> Scientific Conference for young scientists, Faculty of Agriculture, Assiut University, May 13, 2012, Assiut, Egypt.
- The 43th Annual Meeting of the Society for the Study of Reproduction (SSR), 31 July–4 August 2011, Oregon Convention center, Portland, Oregon, USA.
- The 43rd Annual Meeting of the Society for the Study of Reproduction (SSR), 30 July–3 August 2010 Midwest Airlines Center Milwaukee, Wisconsin, USA.
- The 2<sup>nd</sup> Arabian European Food Tec. Days on Advances in Meat and Fish Technology on the 7<sup>th</sup> and 8<sup>th</sup> of December 2010, the Suez Canal University with the other Organizers (GDL, DLG, University of Hohenheim and DAAD, Ismailia, Egypt.
- 50 years-DAAD (Deutscher Akademischer Austauschdienst Cairo Seminar, 28-29 May 2010, Learning Resources Center, Kasr Al-Ainy Faculty of Medicine, ElManial, Cairo.
- BioVision Alexandria 2010 Conference, 11-15 April, Bibliotheca Alexandria.
- The 4<sup>th</sup> scientific conference of young scientists, Faculty of Agriculture, Assiut university, April 27, 2010, Assiut, Egypt.
- The 37<sup>th</sup> Agricultural Cycle, Faculty of Agriculture, Assiut University, 1-4 February 2009.
- Science Year Follow Up Event organized by German Academic exchange service (DAAD) at the conference center of Cairo University, 10<sup>th</sup> and 11<sup>th</sup> November, 2008.

- Germany Alumni Fair organized by German Academic exchange service (DAAD) at the conference center of Cairo University, 12<sup>th</sup> and 13<sup>th</sup> November, 2008.
- Egyptian Society for Animal Reproduction and Fertility, 19<sup>th</sup> Annual Congress, Giza and Hurghada, 3-7 February, 2007.
- The 13<sup>th</sup> conference of the Egyptian Society of Anim. Prod., 10-11 December, 2006, Cairo, Egypt,
- Egyptian Society for Animal Reproduction and Fertility, 17<sup>th</sup> Annual Congress, Al-Minia, 29 January-2 February, 2005, Al-Minia University, Al-Minia, Egypt.
- The International conference of biology, Fac. Of Sci., Sebha university, 19-21 April, 2004, Sebha, Libya
- Egyptian Society for Animal Reproduction and fertility in Cooperation with Egyptian veterinary Nutrition Association, 14<sup>th</sup> Annual congress, February 2-7, 2002, Fac. of Vet. Med., Cairo Univ. Giza, Egypt
- The 3<sup>rd</sup> International Symposium-cum workshop Environmental pollution in Egypt, Consequences for Human , Animals and Plants, 29 September-3 October, 2001 in Cairo university, Giza, Egypt
- The 3<sup>rd</sup> Scientific Conference of Agricultural Sciences, 20-22 October, 2000, faculty of Agriculture, Assiut university, Assiut, Egypt.
- The International Conference for Environmental Hazard mitigation (ICEHM), 9-12 September, 2000, Cairo University, Giza, Egypt.
- Egyptian Society for Animal Reproduction and fertility, Pollution and Reproduction, 11<sup>th</sup> Annual Congress, January 26-28, 1999, Fac. Of Vet. Med., Cairo Univ. Giza, Egypt.
- International Symposium –Cum-Workshop, Sustainable Agriculture and Rural development in Egypt, Experiences of Egyptian graduates from Germany universities, 20-26 November, 1999 in Cairo university, Giza, Egypt.
- The 10<sup>th</sup> Conference of the Egyptian Society of animal production, December, 13—15, 1998, Assiut university, Assiut, Egypt.
- Society for the study of Reproduction (SSR), July 24-27, 1994, 27<sup>th</sup> Annual Meeting, University of Michigan, Ann Arbour, Michigan, USA

### **Workshops:**

- Constructive negotiations conducted by Dr. Claudia Groß, German Academic Exchange Service (DAAD), November 7, 2009.
- The use of nuclear techniques in improving Animal production, October 26-30, 2008, Middle Eastern Radioisotope centre For the Arab countries, Dokki, Giza, Egypt.
- Training program in Artificial Insemination, January 28, 2007 – February 1, 2007, Institute of reproduction research, AlHaram, Giza, Egypt.

- Faculty and Leadership Development Project, 10-12 May 2008, Assiut University, Assiut, Egypt
- Faculty and Leadership Development Project, 17-19 May 2008, Assiut University, Assiut, Egypt.

### **Membership activity:**

- Egyptian Journal of Animal Production
- Egyptian society for Animal Reproduction and Fertility
- Assiut Journal of Agriculture
- Cornellian Alumni
- Egyptian TUM Alumni Network
- Alumniportal Deutschland
- International Alumni Network of TUM (KontaktTUM)

### **Scholarships & Awards:**

- Distinguish award in the international publications financed from supporting research center, Faculty of Agriculture, Assiut University. The first winner in the international distinguished publications, May 2015
- DAAD: October 25/2007 –December25/2008, Department of livestock Biotechnology, TUM, WZW Center of Life Science, Freising, Munchen, Germany.
- IESTA: July-September, 1988, Karlovacka Industrija Mlijka, Karlovac, Zagreb, Yugoslavia
- IESTA: July-October, 1990, Staatliche Versuchsguterverwaltung Grub, Munich, Germany
- Egyptian Missions Department, 1993-1998, for completing Ph.D. program in cooperation with the Animal Science Department, Faculty of Agriculture and Life sciences, Cornell university, Ithaca, NY, USA.

### **International Scientific Activities:**

- Success in inviting 2 professors , an exchange visiting program, from Germany (Professor Oswald Rottmann, Livestock biotechnology, TUM, Freising, Munchen, Germany, December - January, 2008) and USA (Professor Trish Berger, Animal Physiology, University of California, Davis, USA, April, 2012) to the department in which they addressed lectures, seminars and practical lessons in molecular biology to faculty members and under and post graduate students.
- Success in processing Agreement of Cooperation between Assiut University and the Regents of the University of California, Davis, CA 95616, USA.

### **Supervision on Ph.D. theses which have been approved:**

- Studies on reproduction of Damascus does goats under Upper Egypt conditions. By Gamal Badry Aboulwafa, Fac. Of Agric., Assiut university, Assiut, Egypt, 2009/2010.

### **Supervision on M.Sc. theses which have been approved:**

- Some reproductive characteristics in Saidi sheep affected by nutritional levels of energy and protein. Gamal B.Mahmoud
- Relationship of some blood physio-chemical characteristics to Jundice in newborn babies. Prepared by Salma AlAbyad.
- Enhancement of early stage of pregnancy by exogenous hormone and antioxidant at first kindling of does rabbit. Prepared by Yasmin Adel Gomaa.
- Effects of  $\beta$ -Carotene on reproductive performance in Farafra ewe lambs. Prepared by Nada Anwar.

**Current supervision on Ph. D and M.Sc. theses:**

- Effects of *Punica granatum* (punicalagins) on reproductive performance in young and old female rabbits. Prepared by Nada A. El-Shahawy
- Assessment of body fluids and thermoregulation in the different physiological stages of Farafra sheep. Prepared by Zeinab Ahmed Mousa.

**I certify that all information mentioned above is correct and under my responsibility.**

**Signature:**

Dr. Anas A. Salem

Assoc. Prof. of Animal Physiology

Assiut university

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**Date:**

December, 2016





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RESEARCH IN VETERINARY SCIENCE

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