

CURRICULUM VITAE



1. Personal data

البيانات الشخصية

- **Name:** علي محمد علي قارن
 - Aly Mohamed Aly Karen, BVSc, MVSc, PhD
- **Nationality:** Egyptian.
- **Office address in Egypt:** Department of Theriogenology, Faculty of Veterinary Medicine
Kafr El Sheikh, Egypt.
- **Address in Egypt:** Al nasr Street, Birkt alsaab- Menofia
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ali.qaren@vet.kfs.edu.eg
- **Date of birth:** August 21, 1968.
- **Place of birth:** Gharbia, Egypt.
- **Marital status:** Married.

2. Academic positions

الوظائف الجامعية

- **1992-1996: Demonstrator** at Department of Theriogenology, Faculty of Veterinary Medicine, Tanta University, Egypt, in 1992.
- **1996-2003: Assistant Lecturer** at Department of Department Theriogenology, Faculty of Veterinary Medicine, Tanta University, Egypt.
- **2004 to 2009: Lecturer** at Department of Department Theriogenology, Faculty of Veterinary Medicine, Tanta University, Egypt in April 27, 2004.
- **April 28, 2009 to 2015: Associate professor** at Department of Department Theriogenology, Faculty of Veterinary Medicine, Kafr El-Sheikh University, Egypt
- **2015 to so far: Professor** at Department of Department Theriogenology, Faculty of Veterinary Medicine, Kafr El-Sheikh University, Egypt.

3. Scientific Degrees الدرجات العلمية

- **1991: Bachelor** of Veterinary Science, Zagazig University with very good grade.
- **1996: Master Degree** in Veterinary Science (MVSc.) on “**Some trials for prevention and treatment of retention of placenta in cows and buffaloes**” from Tanta University, Egypt.
- **2003: PhD in Veterinary Science** on : **Pregnancy diagnosis in sheep (*Summa cum laude*)** from Clinic for Large Animals, Faculty of Veterinary Science, Szent István University, Hungary.

4. Scholarships and Vacations المنح والإجازات

- **2000-2003: Hungarian PhD scholarship** within the framework of Egyptian /Hungarian cultural exchange program.
- **2001-2003: 6-month scholarships** (2 months per year) at Department of reproductive Physiology, Faculty of Veterinary Medicine, Liege University, Belgium.
- **2008: 3-month scholarship** at Clinic For large Animals, Hungary.
- **2009: 10- month Hungarian scholarship** at Clinic For large Animals, Hungary.
- **July 15/ 2013 to July 14/ 2017: Private vacation** to work in the position of Consultant of Camel Reproduction at Al-Jazeera Veterinary Research Centre, Al-Ain, UAE.
- **July, 15/ 2017 to June 25/ 2022: Private vacation** to work in the position of Head of Reproduction Department at Tharb Camel Hospital, Leawena, State of Qatar.
- **June 26, 2022 to so far: Private vacation** (accompanying spouse) **اجازة مرافق زوجة فى دولة قطر.**

5. Research Experience الخبرات البحثية

- **1992-1996: prevention and treatment of retention of placenta** in cattle and buffaloes
- **1996-2000: Uses of ultrasonography** in goat reproduction.
- **2000-2007: ultrasonographic early pregnancy diagnosis** in sheep and buffaloes
- **2004-2005: True anestrus** in buffaloes.
- **2006-2007: Postpartum ovarian acyclicity** in buffaloes.
- **2009-2012. Embryonic mortalities** in cattle, buffaloes and goats
- **2012-2015: Color Doppler Ultrasonography** in goats

- **2013 to so far:** Infertility, Embryo transfer and AI in camels in UAE and Qatar.

6. International research collaborations التعاون البحثي الدولي

- **Prof. O Szenci:** Clinic for Large Animals, Faculty Of Veterinary Science, Szent István University, Hungary.
- **Prof. J.F. Beckers:** Physiology of Animal Reproduction, Faculty of Veterinary Medicine, State University of Liege, Liege, Belgium
- **Prof. MAM. Taverne:** Department of Herd Health and Reproduction, University of Utrecht, The Netherlands

7. Scientific Awards الجوائز العلمية

- Scientific publishing prize of the university: 2007-2008.
- Scientific publishing prize of the university: 2009-2010.
- Scientific publishing prize of the university: 2010-2011.

8. Memberships in Professional Organizations عضوية الجمعيات العلمية

- **2004 to date:** Member of the Egyptian Society for Physiological Sciences and their applications
- **2006 to date:** Member of the Egyptian Society for Animal Reproduction and Fertility
- **2006 to date:** Member of the Egyptian Society for Cattle Diseases.
- **2001- so far:** Member of the Hungarian Society for Cattle Diseases

9. LIST OF PUBLICATIONS قائمة النشر العلمي

- 1) **A. Karen** , P. Kovács, J.F. Beckers, and O. Szenci (2001). Pregnancy diagnosis in sheep: review of the most practical methods. **Acta Veterinaria Brno**, **70**:115-126.
- 2) El Amiri, **A. Karen**, Y Cognié., N.M. Sousa, J.L. Hornick, O. Szenci and J.F. Beckers (2003). Diagnosis and monitoring of pregnancy in sheep: Reality and perspectives. **Production Animales**, **16**:79-90 (in French).
- 3) **A. Karen**, J.F. Beckers, J. Sulon, N.M. Sousa, K. Szabados, J. Reiczigel and O. Szenci (2003). Early pregnancy diagnosis in sheep by progesterone and pregnancy-associated glycoprotein tests. **Theriogenology**, **59**:1941-1948.
- 4) **A. Karen**, J.F. Beckers, J. Sulon, B. El Amiri, K. Szabados, S. Ismail, J. Reiczigel and O. Szenci Evaluation of false transrectal ultrasonographic pregnancy diagnoses in sheep by measuring plasma level of pregnancy-associated glycoproteins. **Reproduction, Nutrition, Development** 2003, **43**:577-586.
- 5) **A. Karen**, K. Szabados, J. Reiczigel, J.F. Beckers and O. Szenci. Accuracy of transrectal ultrasonography for determination of pregnancy in sheep: effect of fasting and handling of the animals. **Theriogenology** 2004, **61**:1291-1298.
- 6) A. Répási, J. F. Beckers, J. Sulon, **A. Karen**, J. Reiczigel and O. Szenci: Effect of the type and number of prostaglandin treatments on corpus luteum, largest follicle and progesterone concentration in dairy cows. **Reproduction in Domestic Animals** 2005, **40**:436.
- 7) Ramoun, A.A. Osman, K. T., Darwish, S. A., **Karen A.M.**, Gamal, M. H.. Effect of pretreatment with insulin on the response of buffaloes with inactive ovaries to

gonadotrophin-releasing hormone agonist treatment in summer. **Reproduction, Fertility and Development**, 2007, 19, 351-355.

- 8) **A. Karen**, B El Amiri, JF Beckers, J Sulon, MAM. Taverne and O Szenci. Comparison of accuracy of transabdominal ultrasonography, progesterone and pregnancy- associated glycoproteins tests for discrimination between single and multiple pregnancies in sheep. **Theriogenology** 2006, 66: 314-322.
- 9) B. El Amiri¹, **A. Karen**, J Sulon, N Melo de Sousa, AV Alvarez-Oxiley, Y Cognie´ , O Szenci and JF Beckers. Measurement of Ovine Pregnancy-Associated Glycoprotein (PAG) During Early Pregnancy in Lacaune Sheep. **Reprod Dom Anim** 2007, 42: 257–262.
- 10) **A. Karen**, S. Darwish , A. Ramoun , K. Tawfeek , N. Van Hanh , N.M. de Sousa , J. Sulon , O. Szenci , J.F. Beckers. Accuracy of ultrasonography and pregnancy-associated glycoprotein test for pregnancy diagnosis in buffaloes. **Theriogenology**, 68 (2007) 1150–1155.
- 11) **A. Karen**, Fattouh El-S. Abu- Zeid S. Estimation of gestational age in Egyptian native goats by ultrasonographic fetometry. **Animal Reproduction Science**, 2009, 114:167-174.
- 12) **A. Karen**, S. A. Darwish, 2010. Efficacy of Ovsynch protocol in cyclic and acyclic Egyptian buffaloes in summer. **Animal Reproduction Science**, 2010, 119 : 17–23.
- 13) **A. Karen**, S. Darwish, A. Ramoun, K. Tawfeek, N. Van Hanh, N. M. de Sousa, J. Sulon, O. Szenci , J. F. Beckers. Accuracy of transrectal palpation for early pregnancy diagnosis in Egyptian buffaloes. **Tropical Animal Health and Production**, 2011, 43:5-7.
- 14) **A.M. Karen**, P. Kovacs, J.F. Becker, N.M. de Sousa, O. Szenci. Plasma urea nitrogen in relation to pregnancy rate in dairy sheep. **Animal Reproduction Science**, 2011,69-72
- 15) O. Szenci **A. Karen**, Á.Cs. Bajcsy, A. Gáspárdy, N.M. de Sousa, J.F. Beckers. Effect of restraint stress on plasma concentrations of cortisol, progesterone and pregnancy associated-glycoprotein-1 in pregnant heifers during late embryonic development. **Theriogenology**, 2011, 76: 1380–1385.

- 16) **Karen A**, Bajcsy AB, Minoia R, Kovács R, de Sousa NM, Beckers JF, Tibold J, Mádl I and Szenci O. 2014. Relationship of progesterone, bovine pregnancy-associated glycoprotein-1 and nitric oxide with late embryonic and early fetal mortalities in dairy cows. **Journal of Reproduction and Development**, 2014, 60:162-167.
- 17) **Karen A**, Samir H, Ashmawy T, El-Sayed M. Accuracy of B-mode ultrasonography for diagnosing pregnancy and determination of fetal numbers in different breeds of goats. **Animal Reproduction Science**, 2014,147: 25-31.
- 18) Haney S, Kazuaki S , Ahmed E , **Karen A**, Nagaoka K, El Sayed M, Taya K and Watanabe G. Effect of a Single Injection of Gonadotropin- Releasing Hormone (GnRH) and Human Chorionic Gonadotropin (hCG) on Testicular Blood Flow Measured by Color Doppler Ultrasonography in Male Shiba Goats. **Journal of Veterinary Medical Science**, 2015, 77(5): 549–556.
- 19) Haney Samir, **Aly Karen**, Tarek Ashmawy, Mostafa Abo-Ahmed, Mohamed El-Sayed, Gen Watanabe. Monitoring of Embryonic/Fetal Losses in Different Breeds of Goats using Real Time B- Mode Ultrasonography. **Theriogenology**, 2016, 85(2):207-215.
- 20) **Karen A**. and Mansour N. Factors affecting embryonic losses after embryo transfer in dromedary camels. Hungarian Veterinary Journal (Magyar Allatorvosok Lapja) 2018,140 (supplement 1) 252-255.
- 21) Ahmed Abd-Elfattaha,, Mohsen Agag, Mostafa Nasef, Shanmugavelu Muthukumaran, Mohamed El-Raey, Ahmed El-Khawaga, **Aly Karen** 2020. Preservation of dromedary camel embryos at 4 °C for up to 5 days: factors affecting the pregnancy and pregnancy loss rates. **Theriogenology** 143; 44-49.
- 22) Haney Samir, Mohamed El-Sayed, Nagaoka Kentaro, Kazuaki Sasaki, Amal M. Abo El-Maaty, **Aly Karen** Mostafa Abo-Ahmed, Gen Watanabe 2020. Passive immunization against inhibin increases testicular blood flow in male goats. **Theriogenology** 147: 85-91.

- 23) **Aly Karen** , Nabil Mansour 2020. Factors affecting the pregnancy and pregnancy loss rates after embryo transfer in dromedary camels. **Animal Reproduction Science**, 221: 106580.
- 24) Nabil Mansour, **Aly Karen**, 2021. Ovarian inactivity in female dromedary camels. **Emirates Journal of Food and Agriculture**, 33 (2): 171-177.
- 25) **Aly Karen**, Ahmed Abd-Elfattah, Mostafa Nasef, Raza Ur Rahman, Muhammad Babar Ihsan, Shanmugavelu Muthukumaran 2022. Factors affecting outcomes of embryo transfer in dromedary camels: a retrospective study. **Reproduction in Domestic Animals**, DOI: 10.1111/rda.14078..

10. ABSTRACTS PUBLISHED IN THE CONGRESSES

- 1) **A. Karen.**, J.F. Beckers, J. Sulon, N. Sousa, K. Szabados, J. Reiczigel, O. Szenci: Early pregnancy diagnosis in sheep by progesterone and pregnancy-associated glycoprotein tests. XII Congress of Hungarian Association for Buiatrics, Balatonfüred, 2001, pp.: 107-108 (in Hungarian).
- 2) **A. Karen** J.F. Beckers, J. Sulon, N. Sousa, K. Szabados, J. Reiczigel, O. Szenci: Early pregnancy diagnosis in sheep by progesterone and pregnancy-associated glycoprotein tests. Third Belgian Workshop on Animal Endocrinology, Namur, Belgium 2001, Biotech Agron Soc Environ 2002, **6** (1): 8.
- 3) **A. Karen.**, J.F. Beckers, J. Sulon, N.M. Sousa, K. Szabados J. Reiczigel, and O. Szenci: Early pregnancy diagnosis in sheep by progesterone and pregnancy-associated glycoprotein tests. XXII. World Buiatrics Congress, Hannover, 2002, p. 196.
- 4) **A. Karen.**, K. Szabados, J.F. Beckers and O. Szenci: Evaluation of transrectal ultrasonography for determination of pregnancy in sheep. 53rd EAAP Annual Meeting, Cairo, 2002, p.108.

- 5) **A. Karen.**, K. Szabados, J.F. Beckers, O. Szenci: Accuracy of transrectal ultrasonography for determination of early pregnancy in sheep: Effect of fasting and handling of animals. 53rd EAAP Annual Meeting, Cairo, 2002, p.115.

- 6) O. Szenci, **A. Karen**, J. Sulon, P. Kovács, J. Reiczigel and J.F. Beckers: Juhok korai vemhességének megállapítása. A Magyar Mezőgazdaság, 2003, 12: 6 (melléklete).

- 7) **A. Karen.**, K. Szabados, P. Kovács, J.F. Beckers, O. Szenci: Pregnancy diagnosis made by ultasonography in sheep. III Middle-European Congress for Buiatrics, Bohemian-Moravian Highlands, Czech Republic, 2001, pp.: 91-93.

- 8) **A. Karen.**, P Kovács, J-F Beckers, Sulon J, O Szenci. Plasma Urea Nitrogen and Phosphorus in Relation to Pregnancy Rate in Dairy Sheep XXIV World Buiatrics Congress, Nice, France, 2006.

- 9) **A. Karen.**, Fattouh El-S. Abu-Zeid S. Estimation of gestational age in Egyptian native goats by ultrasonographic fetometry. XXV World Buiatrics Congress, Budapest, Hungary, 6-11 July, 2008.

- 10) Fattouh E. M., Seror B. H., El Keraby F. E., **Karen A. M.** Evaluation of three protocols for the treatment of retained fetal membranes in dairy cattle. XXV World Buiatrics Congress, Budapest, Hungary, 6-11 July, 2008.

- 11) **Karen A.**, De Sousa N.M., Beckers J.F., Tibold J., Mádl I., Szenci O., 2014. Comparison of bovine pregnancy-associated glycoprotein-1 radiomimmunoassay and a commercial placental protein ELISA test for early pregnancy diagnosis in dairy cattle at Day 28 after insemination. 24th International Congress Of The Hungarian Association For Buiatrics, OCTOBER 15-18, 2014, Hajdúszoboszló, Hungary, pp.257-258.

- 12) **A. Karen**, N. Mansour, M.salama and M EL-Shazlee: Embryonic losses in dromedary camels: incidence and risk factors. Symposium in Reproduction in Equids and Camelids. Dubai, March 15, 2016, p.18.
- 13) N. Mansour, **A. Karen**, M EL-Shazlee, and M.Salama: Infertility problems in she-camels with special reference to ovarian inactivity. Symposium in Reproduction in Equids and Camelids. Dubai, March 15 , 2016, p.1

11. PAPERS PUBLISHED IN THE CONGRESSES

- 1) **A. Karen**, K. Szabados, J.F. Beckers and O. Szenci: Evaluation of transrectal ultrasonography for determination of pregnancy in sheep. XIII Congress of Hungarian Association for Buiatrics, Hajdúszoboszló, 2002, pp. 158-161.
- 2) **A. Karen**, J.F. Beckers, J. Sulon., B. El Amiri, K. Szabados, S. Ismail, J. Reiczigel and O. Szenci: Comparison of transrectal ultrasonography and pregnancy associated glycoprotein test for determination of early pregnancy in sheep. IV. Middle-European Congress for Buiatrics, Lovran, Croatia, 2003, pp.343-349.
- 3) **A. Karen**, K. Szabados, J.F. Beckers and O. Szenci: Accuracy of transrectal ultrasonography for determination of pregnancy in sheep: Effect of the type of ultrasound scanner. XIV. Congress of Hungarian Association for Buiatrics, Keszthely, 2003, pp.181-184.
- 4) O. Szenci, **A. Karen**, J. Sulon, P. Kovács, J. Reiczigel and J.F. Beckers: Juhok korai vemhességének megállapítása In: Jávör András. As Állattenyésztés Szolgálatában, Debreceni Egyetem Agrárudományi Centrum, Debrecen, 2003, pp. 89-93.
- 5) **A. Karen**, A. Hegab, S. Darwish, M. H. Gamal , O. Szenci. Body condition score and blood glucose level in postpartum Egyptian buffaloes and their relationship with the first postpartum ovulation. Sixth Scientific Conference of Society of Physiological Sciences and Their Applications, Taba, 5-8 November, 2008: 141-152.

- 6) **A. Karen**, Ramoun A., Beckers J. F., Szenci O. Pregnancy diagnosis in buffaloes: A Review. 19th International Congress of Hungarian Association for Buiatrics, 14-17 October, 2009, Debrecen, pp.153-158.
- 7) **A. Karen**, Bajcsy Á. Cs, Kovács R, Chahiba N, Melo de Sousa N, Beckers JF, Tibold J, Takács L, Mádl I, Szenci O. Late embryonic and early fetal mortalities in dairy cows: the incidence and pregnancy protein profiles. 20th International Congress of Hungarian Association for Buiatrics, 20-23 October, 2010, Eger, Hungary.
- 8) **A. Karen**, Cs. Á. Bajcsy, O. Szenci Accuracy of transrectal ultrasonography and progesterone tests for diagnosis of non-pregnancy at day 21 after insemination in dairy cows. 22nd International Congress of Hungarian Association for Buiatrics, 20-23 October, 2012, Kecskemet, Hungary.
- 9) **Karen A.** and Mansour N. Factors affecting embryonic losses after embryo transfer in dromedary camels. 28th Middle European Buiatrics Congress, Eger, May30, 2018, Hungary. Hungarian Veterinary Journal (Magyar Allatorvosok Lapja) 2018,140 (supplement 1) 252-255.