

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

CURRICULUM VITAE

Dr. LOGMAN ABDALLAH AHMED

DVM, PhD



Consultant Camel Reproduction Biotechnology

Assistant Professor – Assisted Reproductive Technology

Principal Areas of Interest: Artificial Insemination, Ultrasound Scanning, Manipulation of follicular dynamics with exogenous hormones, Hormonal Therapy, Embryo Transfer, and Physiological Genetic.

PERSONAL INFORMATION

Name: LOGMAN ABDALLAH AHMED ABDALLAH

Nationality: Sudanese

Date of Birth: June 7- 1976

Gender: Male

CONTACT INFORMATION

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Work Address: Sudan University of Science & Technology (SUST) – College of Agricultural Studies (CAS) – Department of Animal Production – Khartoum North – Shambat .

PROFISSIONAL EXPERINCES

(1) VET. & ANIMAL PRODUCTION FIELD (1998 till date)

- Throughout the **practical & applications** in my postgraduate (Ph.D and M.Sc), and graduate (B.Sc & Diploma), also from the **Practical Training** courses & periods (mentioned below), and from the **supervision** and **work** of many private and governmental farms, and finally from my teaching the Practical sessions, all that gained me accumulation experiences & made me an **expert**, and **high qualify** in: All the aspects of **Artificial Insemination** (Semen Collection, Evaluation by traditional methods or by CASA system, Extension, and Preservation) in (Camel, Cattle, Sheep, and Goat), using the **Ultrasound scanner** to detect the ovarian activity & disorders, for Pregnancy Diagnosis. Estrus Synchronization and Induction Protocols, Ovulation induction, **Infertility treatment**, **Pregnancy Diagnosis** techniques (Palpation, Hormonal Assay, and Scanner), follow up the herds, Nutritional & health care, treatments and management.
- Excellent experience in preparing & accoutering the technical visibility studies to establish an Animal Reproduction Biotechnological Units or centers:
 1. Sep – Nov 2015: **Consultant** in Charge to establish **Al Wathba Camel Reproduction Centre** – Al Wathba – Abu Dhabi – UAE.
 2. May 2010: Committee **Member** in Charge to establish the **Artificial Insemination Unit**, for the department of Animal Production – (CAS) – (SUST).
- Supervision & Consultation of many private and Governmental sector farms and companies (**Camels, Dairy Cattle, Sheep and Goat**). I have shouldered the responsibility of design the plan or system of work, supervising, follow up the herds, health care, treatments and management. Solve & treat infertility problems and disorders:
 1. Mar 2015 – June 2015: **Supervisor** in **Dallat Al Baraka** farm, it's consisting of many difference species (Wild & farm animals).
 2. October 1997 -2000: **Assistant Supervisor** - **Judiciary Head Quarter farm**, for dairy cattle.

- Experience in preparation & conducting studies for large scale:
 1. May – July 2015: **Consultant** in the National Project of Animal Production. I prepared the technical aspects for the feasibility study for the Dairy cattle & Sheep production.
 2. June 2013-June 214: **Expert** (Animal Production Specialist) in *Gossycott Agricultural Company*, for the Sheep Management and Production. I prepared all the technical aspects for the feasibility study.
 3. Nov 2010-Nov 2011: **Expert and member** of the Technical Committee in *Al-Rayyan Logistic Support Company*, for Exporting Cattle meat to the Egyptian Army.
 4. Sep 2011: Statistical study about animal resources in Sudan, and meat production in Khartoum State.
 5. Oct 2010: Study project for Milk production from the Damascus goat.

(2) EDUCATIONAL FIELD (2003 till date)

ACADEMIC STATUS

- October 2015 till present: *Assistant Professor*
- May 2009 – Aug 2011: *Lecturer*
- Sept 2003- May 2006: *Teaching Assistant*

Activities in the Department & College (2003 – 2017)

- Construct, teach, demonstrate, coordinate and supervise the lectures & training programs of the following subjects for the undergraduate students, visitor students, farmers, and breeders:

Reproductive & Lactation Physiology, Anatomy & Physiology, Endocrinology, Reproductive Efficiency, Camel Husbandry & Management, General Animal Production, Principles of Animal Production, Poultry Management, Poultry Production, Animal Health, Hatching and Hatcheries, and Sheep & Goat Management.

- Sept 2003 – Feb 2011: **Member** of the Department Examination Committee, when that my duties were: - (1) Processing & set up Practical Exams Time table. (2) Overseeing & Supervising Practical Exams. (3) Raising & collecting degrees from teachers. (4) Entering data in the Examination software program. (5) Extracting the Final Results. (6) Monitoring the Employee Financial Benefits.
- May 2009: **Supervisor** of Animal Production Assembly, which participated in the Scientific Culture Week hosted by (CAS) – (SUST). We maintained the First place Cup.
- October 2009: **Academic Advisor** for the First year students (Thirteenth Installment).
- May 2010: **Supervisor** of Animal Production Assembly, which participated in the Scientific Culture Week hosted by (CAS) – (SUST). We achieved the First place Cup.
- **Active member of many committees set up conferences, workshops and academic visits:**
- March 2007: **Member** of the Organizing Committee of Conference on the Genetical Resources of the Sudanese Livestock Wealth.
- Dec 2009 - Apr 2010: **Member** of Organizing Committee of the International Conference on Organic Farming (ICOF), Organized by (CAS) – (SUST).
- May 2010: Committee **Member** in Charge to Establish the Artificial Insemination Unit, Dept. Animal Production – (CAS) – (SUST).
- Feb – Aug 2012: Training course **Coordinator** between (CAS) and Jiangsu Animal Husbandry & Veterinary College (JSAHVC).
- May – Aug 2012: **Team Leader**, where I had the honor, to led a group of my University Colleagues in an academic visit to China – (JSAHVC).
- Jan - Apr 2013: **Member** of the Organizing Committees of the Scientific Conference of Camel Research & Production, Organized by the Deanship of Scientific Research – (SUST).

QUALIFICATIONS

- **Doctor of Philosophy (Ph. D.)** from the College of Graduate Studies - SUST (2011 - 2015) in Camel Reproduction Physiology. Thesis entitled: *Ovulation Induction & Insemination with Fresh Semen in the one - humped camel (Camelus dromedaries) in Non Breeding Season*. The practical works made me an expert, and qualify in: Detecting and determining the ovarian activity by using Ultrasound scanner, Hormonal Protocols application for Super ovulation & Ovulation Induction, Infertility Treatment, all the aspects of Artificial Insemination in Dromedary ((Semen Collection and Evaluation (Traditional methods & CASA System), Semen Extension and preservation, and the insemination technique)) , Blood samples & Serum collection, and Hormonal Assay (Estrogen, Progesterone, FSH and LH) using ELISA.
- **Master of Animal Production Sciences (M.Sc.)** from the College of Graduate Studies - SUST (2006 - 2009) in Ruminants Reproductive Physiology. Thesis entitled: *Hormonal Application for Estrus Synchronization and Induction in Kabbashi Ewes*. The practical works made me an expert, and qualify in: Estrus Synchronization, Increasing the Twining Rate, Pregnancy Diagnosis in sheep.
- **Bachelor of Animal Production (B.Sc.)** from CAS – SUST (2000 - 2002). Grade: A (Distinction) with honor. Ranking: First class, and was awarded with Best student certificate.
- **Diploma of Veterinary & Animal Production Science** from the College of Veterinary & Animal Production Science – SUST (1995 -1998). Grade: A (Distinction) with honor. Ranking: First class.

TRAINING COURSES & SESSIONS

- 1-3 Feb 2015: Training course in *Hazard Analysis & Critical Control Point (HACCP)*. Organized by College of Veterinary Medicine, University of Bahri, in collaboration with the Seven Vision for Human Resources Development and Training. Al Sharjah Hall. Khartoum.
- 19 May-4 June 2014: Training course in the *Camel Reproduction*, I trained to use Ultrasound Scanner to determine the ovarian activity, and for Pregnancy Diagnosis. Collection, Evaluation (Traditional methods & by CASA system), Extension, Preservation, and Insemination of the Camel Semen, Ovulation induction protocols (Hormonal treatment protocols), Blood & Serum sampling for the Hormonal assay, and Principles of Embryo Transfer in Dromedary Camels (Preparation of the Donor & Recipient She Camels, Collection the Embryos). At the Camel Reproduction Centre – Dubai. Under supervision of the Scientific Director, Dr. Lulu Skidmore and The Director of the Biology Department, Dr. Nisar Wani.
- 9 – 23 November 2013: Training course in the *Basic of Molecular Biology*, organized by Sudanese Training Centre for Biotechnology. Covered most of its topics e.g. DNA Extraction & Electrophoresis, Restriction Digestion and Ligation, conventional PCR, Real Time PCR.
- 23 March – 13 Apr 2013: Training course in *Advance Biochemistry*, organized by Sudanese Training Centre for Biotechnology. Covered all topics of Biochemistry in addition to Basics of Molecular Technology. e.g. DNA Extraction & Electrophoresis – DNA & RNA Technology, and Bioinformatics.
- 19 – 27 March 2013: Training course in *Research Methodology*. Which organized by Advanced Training and Performance Development Centre. U. of K.
- 7 May – 7 Aug 2012: Training period in CHINA in *Veterinary medicine and Animal Sciences*, by kind invitation from Jiangsu Animal Husbandry & Veterinary College (JSAHVC). Covered & dealt with all the aspects of Animal production & veterinary medicine.

- 26 Nov – 1 Dec 2011: Very Intensive Training in ***Camel Reproduction***. I trained hardly to use Artificial Insemination (Collection & Evaluation of the Camel Semen, Ultrasonography to determine the ovarian activity, Embryo Flushing and Transfer. At the Camel Reproduction Centre (CRC) - Dubai. Under supervision of the Scientific Director, Dr. Lulu Skidmore and The Director of the Biology Department, Dr. Nisar Wani.
- 2-3 Nov 2010: Training course in ***Curriculum Map***, Organized by Assessment & Accreditation Unit, held at the College of Veterinary Med. SUST
- 6 – 7 June 2010: A training course in Simulation models: An advanced course for the ***External Evaluators and Preparation Techniques of the External Evaluation Reports***. Organized by Self-Assessment Administration & Quality Assurance. Held at the college of Veterinary Medicine. SUST.
- 11 May- 10 June 2010: Training course in ***Bioinformatics Programs***, Organized by Nasik Studies & Training Academy in collaboration with College of Science & Technology Animal Production-(SUST), hosted at College of Science & Technology Animal Production. SUST.
- 25-26 April 2010: Training course in ***Strategic Planning***, Organized by Assessment & Accreditation Unit, held at the College of Veterinary Medicine & Animal Production- (SUST).
- 13-27 Dec 2009: Training course in ***Development of Skills in Research Data Analysis and Scientific Communication***. Organized by Agricultural Committee, Scientific Research Council, (SUST). Held at (CAS)- (SUST).
- 29-30 Aug 2008: Training course to cover ***Proposal Writing Skills***. Organized by DAAD office Sudan. Held at German Cultural Center.
- 13 February – 9 March 2006: Basic program on ***University Staff Development***. Organized by University staff Development Centre, College of Education, (SUST).
- 17 – 23 July 2005: Training program in ***Management, technology & sources of agriculture information***. Organized by Agricultural Training & Community Development Unit (ATCDU), faculty of agriculture (FOA),

University of Khartoum (Uof K). In collaboration with General directorate for training, Ministry of High Education and Scientific research (MHESR).

- 2-6 January 2005: Training course in *Credit hours system*. Organized by college of Engineering – (SUST).
- 5 June – 22 July 1999: Intensive Training Course in *Artificial Insemination (A.I) in cattle*, held at the Artificial Insemination Centre. Khartoum.

PUBLICATIONS

- **Ahmed, LA.** (2009). Hormonal Application for Estrus Synchronization and Induction in Kabbashi Ewes. **M.sc. Thesis**. College of Grad. Stud. SUST. Sudan.
- **Ahmed, LA.** (2015). Ovulation Induction and Insemination with fresh Semen in the One – Humped camel (*Camelus dromedaries*) in non breeding season. **Ph.D. Thesis**. College of Grad. Stud. SUST. Sudan.
- **Ahmed, LA;** Mustafa, UF; and Abel Rahman, AM. (2015). Ovulation induction using GnRH and hCG during non – breeding season in the one humped camel (*Camelus dromedaries*). Sudan Journal of Science and Technology. 16(2): 34-41.
- **Ahmed, LA;** Mustafa, UF. (2016). Assessment of Estrogen and Progesterone level in the dromedary camels after ovulation induction during non - breeding season. Journal of Agricultural and Veterinary Sciences. 17(2): 29-35.
- **Ahmed, LA;** Mustafa, UF. (2017). Artificial Insemination with fresh semen in Dromedary camels (*Camelus dromedaries*) out of breeding season (Under preparation).

REFERENCES

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