

## **CURRICULUM VITAE**



**NAME:** ABDELRAHIM ABUBAKR MOHAMMED AHMED

**NATIONALITY:** Sudanese.

**DATE OF BIRTH:** 01.01.1974.

**PLACE OF BIRTH:** Dongoal, Sudan.

**POSITION:** Assistant Professor

**MARITAL STATUS:** Married.

**QUALIFICATIONS:** B.Sc. Animal Production Science and Technology (1998),  
Sudan University of Science and Technology, Sudan.

M.Sc. Tropical Animal production (2002), University of  
Khartoum.

**M.Sc. thesis title:** Effect of dietary zinc supplementation  
on growth performance, meat quality and blood  
biochemistry of Nubian goat kids

Ph.D. Animal Production (2013), Universiti Putra  
Malaysia.

**Ph.D thesis title:** Growth performance, ruminal  
fermentation and microbial population, carcass  
characteristics and meat fatty acid composition of goats fed  
diets based on oil palm cake and decanter cake.

**Major specialization:** Animal Production

**Minor specialization:** Animal Nutrition

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**CURRENT POSITION:**

Deputy Dean, College of Animal Production, University of Bahri, Sudan.

**SCIENTIFIC PUBLICATIONS:**

Egbal S. Abu Shulukh, Gibril S, Abdelbasit B. Habib, **Abdelrahim A.**

**Mohammed**, Ghada A. Ibrahim, Wisal B. Zeinelabdeen (2017) Effect of probiotics and prebiotics on carcass, cut yields and some qualitative traits of broiler chickens. Asian Academic Research Journal of Multidisciplinary, 4 (12), 78-86.

**Abdelrahim A. Mohammed**, Abdelbasit B. Habib, Ahmed M. Eltrifi, Egbal S. Abu shulukh and Abubaker A. Abubaker. (2018) Effect of different levels of multi-enzymes (natuzyme plus®) on growth performance, carcass traits and meat quality of broiler chicken. Asian Journal of Animal and Veterinary Advances, 13(1), 61-66

Abdelbasit B. Habib, Ahmed M. E. Eltreffi, **Abdelrahim A. Mohamed**, Egbal S. Abu shulukh, Abubaker A. Abubaker, Haytham H. Abdelwahid, Ghada A. Ibrahim, Nafisa M.A.Y, Eiman O. Basheer. (2017) Impact of different dietary supplementation with (Y-MOS) yeast on performance and carcass characteristics of broiler chickens. International Journal of Multidisciplinary and Current Research (Accepted, In Press).

Ahmed M. E. Eltreffi, **Abdelrahim A. Mohamed**, Abdelbasit B. Habib, Egbal S. Abu shulukh, Abubaker A. Abubaker, Mohammed F. Mohammed, Ghada A. Ibrahim, Haytham H. Abdelwahid. (2017) Effect of different levels of

probiotic, Biogen, on performance and carcass characteristics of broiler chicken. International Journal of Recent Trends in Engineering & Research, 3(7), 82-90

Abdelbasit B. Habib, **Abdelrahim A.Mohamed**, Ahmed M. Eltrifi ,Egbal S.Abu shulukh, Abubaker A.Abubaker. (2016) Effect of feed Supplemented with Xylam Enzyme on Performance, Carcass Characteristics and Meat Quality of Broiler Chicks. Journal of Applied Veterinary Sciences, 1(1): 15-20.

Kamal Abuelfatah, Zuki Abu Bakar, Goh Yong Meng, A.Q. Sazili and **A.R. Abubakr**. (2016) Effect of feeding whole linseed on ruminal fatty acid composition and microbial population in goats. Journal of Animal Nutrition, 2(4), 323-328.

**A.R Abubakr**, A.R Alimon, H. Yaakub, N. Abdullah, M. Ivan. 2015. Effect of Feeding Palm Oil By-Products Based Diets on Muscle Fatty Acid Composition in Goats. PLoS ONE 10(3): e0119756.

**A.R Abubakr**, A.R Alimon, H. Yaakub, N. Abdullah, M. Ivan. 2014. Effect of feeding palm oil by-products based diets on total bacteria, cellulolytic bacteria and methanogenic archaea in the rumen of goats. PLOS ONE.9 (4): e95713.

**A.R Abubakr**, A.R Alimon, H. Yaakub, N. Abdullah, M. Ivan. 2013. Growth performance, nitrogen metabolism, carcass physical and meat chemical composition of goats receiving palm oil by-products. Small Ruminant Research. 112, 91-96.

A.A. Gafar, A.R. Alimon, A.Q. Sazili ,Y.C.Man, **A.R, Abubakr**.2013. Effect of Varying Levels of Palm Oil Decanter Cake on Feed Intake, Growth Performance and Carcass Characteristics of Kacang Goats. Journal of

Agriculture and Veterinary Science.3, 24-29.

**A.R Abubakr**, A.R Alimon, H. Yaakub, N. Abdullah, M. Ivan. 2013. Digestibility, rumen protozoa, and ruminal fermentation in goats receiving dietary palm oil by-products. *Journal of the Saudi Society of Agricultural Sciences*. 12, 147-154.

#### **INTERNATIONAL CONFERENCES:**

**Abdelrahim Abubakr**, Adam Mohammed, Abdulrahman Magzoub, Ismail Alfagir, Ragaa Mustafa, Egbal Sulaiman, Haytham Hago. 2016. Cross breeding of desert goat with Boer, Kalahari Red and Damascus: effect on kid's birth weight and carcass characteristics. 12<sup>th</sup> International Conference on Goats. 25-30 September, Antalya, Turkey.

Abdelbasit Habib, **Abdelrahim Abubakr**, Ahmed M. Eltrifi, Egbal S.Abu shulukh, Abubaker A.Abubaker. 2016. Effect of feeding different levels of xylam enzyme on performance, carcass characteristics and meat quality of broiler chicks. 8<sup>th</sup> scientific conference on: Animal, Poultry Health and Community Health, 23-27 August. Cairo, Egypt.

**A.R Abubakr**, A.R Alimon, M. Afdal. 2015. Nitrogen balance in goats fed diets based on palm oil by-products. In: International conference on "Oil Palm-Livestock integration towards a Sustainable and future oil palm plantation management systems. University of Jambi, Indonesia. March 6th, 2015.

**A.R Abubakr**, A.R Alimon, H. Yaakub, N. Abdullah, M. Ivan. 2012. Rumen cellulolytic bacteria and methnogenic Archaea quantification in the rumen of goats received palm oil by-products based diets. In: Proceedings of 5th International conference on Animal nutrition. Melaka, Malaysia, 23-26th April. pp133-137.

A.R Alimon, **A.R Abubakr**, H. Yaakub, N. Abdullah, M. Ivan. 2012. Digestibility, rumen protozoa population and rumen fermentation in goats received palm oil by-products. In: Proceedings of 5th International conference on Animal nutrition. Melaka, Malaysia, 23-26th April. pp 138-142.

**A.R Abubakr**, A.R Alimon, H. Yaakub, N. Abdullah, M. Ivan. 2012. Fatty acid profile of longissimus dorsi in goats fed diets based on palm oil by-products. In: proceedings of the 33th Malaysian Society of Animal production Annual conference. Langkawi, Kedah. 4-7th June. pp 140-141.

**A.R Abubakr**. 2010. Effect of palm oil by-products on rumen protozoa population in goats. In: Enhancing and optimizing local feed resources in livestock production seminar organized by Institute of Tropical Agriculture, University Putra Malaysia, Serdang.

### **ON GOING RESEARCH PROJECTS:**

#### **2017-2020**

Evaluation of productive and reproductive performance of nubian goat and their damascus and alpine crosses.

Research project funded by Ministry of Higher Education and Scientific Research, 2017.

#### **2015 —2017**

Effect of fermented juice of epiphytic lactic acid bacteria and molasses on *brachiaria obtusiflora* silage fermentation quality and milk production in Nubian goats.

Research project funded by Ministry of Higher Education and Scientific Research 2017.

#### **2013 —2016**

Productive and reproductive performance and meat quality of desert goat kids crossed with Boer, Kalahair and Damascus

### **THESIS SUPERVISION:**

**2017.** Co-supervisor for the M.Sc. research project entitled” Effect of fermented juice of epiphytic lactic acid bacteria and molasses on *Chloris Gayana* silage fermentation quality and carcass characteristics and meat in Nubian goat kids.

**2016.** Co-supervisor for the PhD research project entitled” Effect of fermented juice of epiphytic lactic acid bacteria and molasses on *Chloris Gayana* silage fermentation quality and milk production in Nubian goats”.

### **Journal Review**

PIOS ONE

Tropical Animal Production and Health

### **COURSES**

- Animal Production
- Animal Husbandry
- Applied Animal Nutrition
- Reproductive physiology
- Rumen Microbiology
- Animal Feeds and Feeding
- Research Methodology and Scientific Writing
- Advanced Research Techniques in Animal Nutrition
- Nutritional. Physiology

### **TRAINING COURSES:**

- Computer Training Course and Internet (I.C.T skills), (2001-2002),  
Institute of Information Technology University of Khartoum, Sudan.

- Training course of feed analysis and evaluation techniques (2003), Upper Nile University, South Sudan.
- Training course on dairy cattle feeding and nutritional management, Animal Production Research Centre (November 2003).
- Training Workshop on reproductive management of dairy cattle under heat stress. Animal resource research corporation (March 2004),
- Training workshop on utilization of agro-industrial by-products in dairy cattle rations (July 2004), Kenana Sugar Company, Khartoum, Sudan.
- Training course on Principles of Data Management & Analysis in Applied Livestock Disease Control, Khartoum - Sudan (2005).
- Training workshop on using modern molecular techniques (RT-PCR) to quantify rumen microbes (august 2009), Laboratory of Animal production, Institute of Tropical Agriculture, University Putra Malaysia, Malaysia.
- Training workshop on using SAS and Excel data management, tabulation and analysis (October 2010) University Putra Malaysia.

### **WORK EXPERIENCE:**

- December 2016 up to date: Deputy Dean, College of Animal Production, University of Bahri.
- October 2013 – December 2016: Scientific Research Coordinator, College of animal production, University of Bahri.
- July —August 2015 Acting Deputy Dean College of animal production University of Bahri.
- September 2013 up to date:- Assistant Professor of Animal Nutrition, College of Animal Production, University of Bahri.

- July 2011- September 2013:- Lecturer of Animal Nutrition, College of Animal Production, University of Bahri.
- March 2003 – June 2011: Lecturer of Animal Nutrition, Faculty of Animal Production, Upper Nile University.

### **PROFESIONAL MEMBERSHIPS**

Member of University of Bahri Senate

Member of College Animal Production Board

Member of College of Animal Production Scientific Research Committee

Member of Graduate College Board

Member of University of Bahri Curriculum Development Committee

### **PROFESSIONAL SKILLS**

- *IN VITRO* and *IN VIVO* techniques of feed evaluation.
- Modern molecular techniques for rumen microbial quantification, especially RT-PCR.
- Meat and milk fatty acid determination by Gas chromatography.
- Data analysis by SAS and JMP.

### **ADDITIONAL SKILLS:**

- Competent in spoken and written English and Arabic.
- Good experience in computer field.
- Trained in negotiation skills.

### **ADDITIONAL ACTIVITIES:**

- Coordinator of Sustainable Animal Agriculture seminar in 2013, 2014, and 2015, College of Animal Production- University of Bahri



**REFERENCES:**

PROF. Dr. ABDUL RAZAK ALIMON

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