

## **CURRICULUM VITAE**

### **Personal data:**

**Name:** Ahmed Magzoub Khalid Ali  
**Date and place of birth:** July 21<sup>st</sup> 1976, Berber, Sudan  
**Marital status:** Married with two kids (Mohammed and Khalid)  
**Nationality:** Sudanese  
**Academic title:** Assistant Professor



### **Specialization:**

Major Specialization: Animal Production  
Minor Specialization: Genetics and Animal Breeding

### **Skills :**

- Fluently writing and speaking Arabic as mother tongue.
- Fluently writing and speaking English as language of study and work.
- Japanese language course over six months in Japan.
- Very good dealing with computer software and statistical analysis.

### **Home address:**

Department of Genetics and Animal Breeding  
Faculty of Animal Production  
University of Khartoum  
Shambat, Khartoum North, Sudan. Postal code: 13314  
Khartoum State, Sudan

**E. mail:** [amkali15@yahoo.com](mailto:amkali15@yahoo.com), [amkali15@uofk.edu](mailto:amkali15@uofk.edu)

**Phone No:** +249 9128 09 140 - +249 129 098 672

### **Current address:**

Department of Veterinary Public Health and Animal Husbandry  
College of Veterinary Medicine  
King Faisal University  
P. O. Box: 400, Al-Ahsa 31982  
Saudi Arabia.

**Phone No:** +966 557989261

**E. mail:** [amkali@kfu.edu.sa](mailto:amkali@kfu.edu.sa)

### **Higher education and qualifications:**

**Ph. D.,** Molecular Genetics and Biotechnology, Yamaguchi University, Japan (2013).  
Ph.D. Thesis Title: Molecular cloning, gene expression analysis and characterization of spermatogenesis related genes

**M.Sc.**, Animal Production (Genetics and Animal Breeding), University of Khartoum, Sudan (2007) . M Sc. Thesis Title: Estimation of Genetic and Phenotypic Parameters for Growth and Carcass Characteristics in Sudanese Indigenous Chicken

**B.Sc.** (honors), Animal Production Science- Class One- University of Khartoum, Sudan (2001).

### **Professional Appointments**

Assistant Professor, Department of Veterinary Public Health and Animal Husbandry, College of Veterinary Medicine, King Faisal University , as of September 2018.

Head Department of Genetics and Animal Breeding, University of Khartoum, Khartoum, Sudan, as of January 2015.

Assistant Professor, Department of Genetics and Animal Breeding, University of Khartoum, Khartoum, Sudan, as of November 2013.

Lecturer, Department of Genetics and Animal Breeding, University of Khartoum, Khartoum, Sudan, June 2008 to November 2013.

Teaching Assistant, Department of Genetics and Animal Breeding, University of Khartoum, Khartoum, Sudan, June 2002 to August 2007.

### **Administrative activities :**

**January 2015 to September 2018:** Head department of Genetics and Animal Breeding, Faculty of Animal Production, University of Khartoum

**January 2015 to September 2018:** University senate member

**January 2015 to September 2018:** Member of the Faculty Board (Faculty of Animal Production, University of Khartoum)

**June 2008 to September 2018:** Member of the Department Board (department of Genetics and Animal Breeding, Faculty of Animal Production, University of Khartoum)

**Academic years 2003-2009:** Member of the examination committee, Faculty of Animal Production, University of Khartoum)

**April 2014 to September 2018:** Rapporteur of research board,( Faculty of Animal Production, University of Khartoum)

- Member of the Faculty of Veterinary Science, University of Geneina committee of proposed curriculum to design Genetics, Statistics and Experimental design courses, 2018

- Member of the Faculty of Veterinary Medicine, University of Elfashir committee of proposed curriculum to design Genetics, Statistics and Experimental design courses, 2018

### **Scholarships and Awards**

- 1- 2009–2013: The Ministry of Education, Culture, Sport, Science and Technology of Japan (Monbushou) Scholarship to study for Ph.D at The United Graduate School of Veterinary Sciences, Yamaguchi University, Japan.
- 2- 2002–2007: The German Academic Exchange Service (DAAD) In-country scholarship to study for M.Sc at Faculty of Animal Production, University of Khartoum.
- 3- 2001-2002: The University Prize for the best Fifth year student, Faculty of Animal Production, University of Khartoum.
- 4- 2001-2002: The University Prize for the best student in academic performance in genetics and breeding, Faculty of Animal Production, University of Khartoum.
- 5- 2001-2002: The University Prize for the best student in academic performance in Animal Nutrition, Faculty of Animal Production, University of Khartoum.
- 6-1999-2000: The University Prize for the best fourth year student, Faculty of Animal Production, University of Khartoum.
- 7- 2001: Award of the ideal student in the program of Arab student exchange from University of Sanaa (Yemen) (2001)
- 8- University of Khartoum Prize- from Arab Student Union for student exchange (Yemen) (2001)

### **Working experience:**

#### **Teaching of Undergraduate students:**

- Practical of quantitative genetics and breeding from 2002 to date.
- Practical of Principles of Statistics from 2002 to date.
- Practical of Population genetics from 2002 to date.
- Practical of General Statistical Analysis (SPSS) and Genetic analysis (Harvey) programs for the undergraduates students since 2002 to date.
- Practical of PCR, in situ hybridization, sequencing, cloning, immunohistochemistry, microarray, differential display, RT-PCR, Northern blotting, western blotting, and gene expression for the undergraduate Japanese Vet. students of 5<sup>th</sup> class from 2010 to 2013.
- Animal Husbandry course for B.Sc students of Animal Production and Veterinary Medicine from 2002 to date.

- Principle of Genetics course for B. Sc. Students of Animal Production Sciences, Faculty of Animal Production, UofK, 2014 to date.
- Principle of Statistics course for B. Sc. Students of Animal Production Sciences, Faculty of Animal Production, UofK, 2014 to date.
- Genetics and Animal Breeding course for B. Sc. Students of Veterinary Medicine, University of Bahri, 2014 to date.
- Animal Biotechnology course for B.Sc. students of Animal production, Elzaeim Elazhary University, 2016 to date.
- Design and Statistical Analysis of Experiments course for B. Sc. Students of Animal Production Sciences, Faculty of Animal Production, UofK, 2013 to date.

### **Teaching of Postgraduate students:**

- Molecular Genetics course for MSc. Students of Microbiology, Faculty of Veterinary Medicine, UofK, 2013
- Principles of Genetics course for MSc. Students of Nutritional Sciences, Faculty of Animal Production, UofK, 2013 to date.
- Molecular Genetics course for MSc. Students of Nutritional Sciences, Faculty of Animal Production, UofK, 2013 to date.
- Statistics and Experimental Design course for MSc. Students of Nutritional Sciences, Faculty of Animal Production, UofK, 2014 to date.
- Statistics and Experimental Design course for MSc. Students of Tropical Animal Production, Faculty of Animal Production, UofK, 2014 to date.
- Introduction to Statistics and Analytical Methods course for MSc. Students of Dairy Production and Technology, Faculty of Animal Production, UofK, 2014 to date.
- Applications of (SPSS) software for Statistics and Experimental Design course for MSc. Students of Nutritional Sciences, Tropical Animal Production, Dairy Production and Technology, Faculty of Animal Production, UofK, 2014 to date.
- Principles of Genetics and Animal Breeding course for MSc. Students of Nutritional Sciences, dairy Production, Faculty of Animal Production, UofK, 2015
- Animal biotechnology course for M. Sc. Students of Industrial Biotechnology, Sudan Academy of sciences, Africa City of Technology, 2015-2016

### **Educational courses:**

- Training in the field of Molecular Biology University of Khartoum 2005

- Training in the field of artificial insemination 2006

**Training courses:**

- Direct Supervision of the Genetic and general statistical analysis in the Department of Genetics and Animal Breeding from 2002 to date.

-Participated in the Advanced Genomics and Bioinformatics workshop in Nairobi, Kenya, 7-18 September 2015

- Main instructor as Arabic Expert in Bioinformatics use in Animal Improvement workshop, Arab Organization for Agricultural Development (AOAD), Khartoum, 22-30 December 2015.

-Participated in the Training Program for Modern Agricultural Technology (Animal Sciences) in China –African Universities 20+20 cooperation Project , Yangzhou , China, 26 November-10 December 2017

**Gene Bank accession Numbers:**

Accession number, AB728506, tal-1 gene, Rat /mol type="mRNA" AUTHORS Khalid, A.M. and Yamano, Y. 2012

Accession number, AB714639/Loc290876 gene, Rat /mol\_type="mRNA" Khalid, A.M. and Yamano, Y.2012

**Publication and conferences:**

1- Khalid AM, Asano A, Hosaka YZ, Ohyama K, Ohta M, and Yamano Y. 2012. Expression of a novel sphingosine 1-phosphate receptor motif protein gene in maturing rat testes.

*Biosci. Biotechnol. Biochem.*, 76: 1769–1773

2- Khalid AM, Asano A, Hosaka YZ, Ohta M, Ohyama K, and Yamano Y. 2012. Rat stem-cell

leukemia gene expression increased during testis maturation. *Biosci. Biotechnol. Biochem.*, 76: 2118–2123

3- Khalid AM, Asano A, Hosaka YZ, Takeuchi T, and Yamano Y. 2013. Tumor Suppressor

Candidate TUSC3 Expression during Testis Maturation. *Biosci. Biotechnol. Biochem.* 77: 2118–

2123

4- Kamio T, Asano A, Hosaka YZ, Khalid AM, Yokota S, Ohta M, Ohyama K, and Yamano Y.

2010. Expression of the centrosomal colon cancer autoantigen gene during spermatogenesis in the maturing rat testis. *Biosci. Biotechnol. Biochem.*, 74: 1466–1469
- 5- Ohta M, Ohyama K, Asano A, Yokota S, Khalid AM, and Yamano Y. 2012. Regulation of rat tetratricopeptide repeat domain 29 gene expression by follicle-stimulating hormone. *Biosci. Biotechnol. Biochem.*, 76: 1540–1543
- 6- Ahmed M Khalid, Ibrahim A Yousif, Mahmoud I Omer, and Khalid M Elamin. 2012. Genetic variability of body composition traits in Sudanese Native large Beladi Chicken. *Agric. Biol. J. N. Am.* 3:69-76
- 7- Khalid AM, Asano A, Hosaka YZ, and Yamano Y. 2013. Expression of a Novel Sphingosine 1-Phosphate Receptor Motif Protein Gene in Maturing Rat Testes (Poster). The Japanese Society of Veterinary Science conference 155, TOKYO, Japan. 2013 March 28-30.
- 8- The Japanese Society of Veterinary Science conference 148, TOTTORI, Japan. Organizing Staff 2009 September 25-27.
- 9- Khalid AM, Asano A, Hosaka YZ, Ohyama K, and Yamano Y. 2012. Rat Stem-cell Leukemia Gene Expression was increased during testis maturation. The Japanese Society of Biochemical Sciences Conference 54, TOKUSHIMA, Japan. 2013 May 31- June 1st
- 10- Khalid AM and Yamano Y. 2012. Cancer Testis Antigen Gene Expression in the Maturing Rat Testis. The United Graduate school of veterinary Science, Yamaguchi University, Academic meeting, KAGOSHIMA, Japan. 2012 August 22-25.
- 11- Khalid AM and Yamano Y. 2011. T-cell acute lymphocytic leukemia-1 (TAL-1) gene expression in the Maturing Rat testis.(Poster). The United Graduate school of veterinary Science, Yamaguchi University, Academic meeting, TOTTORI, Japan. 2011 August 24-27.
- 12- The United Graduate school of veterinary Science, Yamaguchi University, Academic meeting, YAMAGUCHI, Japan. (Attendance). 2010 August 25-28.
- 13- Yamano Y, Asano A, Khalid AM, Hosaka YZ, Ohta M, and Ohyama K. 2010. Expression

analysis of CT ( Cancer/Testis) antigen gene in maturing rat testis. The Japanese

Society of Biochemistry and Molecular Biology Conference (BMB) , KOBE, Japan. (Poster) December 7- 10, 2010.

14- KHALID Ahmed Magzoub, ASANO Atsushi, HOSAKA Z Yoshinao, TAKEUCHI Takashi,

OHYAMA Kenji, YAMANO Yoshiaki, 2013. Tumor Suppressor Candidate TUSC3 Expression

during Rat Testis Maturation. The Annual Meeting of Molecular Biology Society of Japan. (Poster). KOBE, Japan. December 3-6, 2013.

15- Ryo NISHIMURA , Kiyoshi OKUDA , Yosuke GUNJI, Ahmed Magzoub KHALID, Yoshiaki YAMANO , Yasuhisa YAMASHITA and Mitsugu HISHINUMA . BNIP3 expression in bovine follicle and corpus luteum. *The Journal of Veterinary Medical Science*. J-STAGE Advance Published Date: 19 Dec 2017.

16- Ahmed Magzoub Khalid. Overview of Animal Production in Sudan. *Sudan Encyclopedia-SUDAPEDIA*, 2017. In press