

## **CURRICULUM VITAE**

### **Personal Details**

Full Name: Sadat Abdulla Aziz HamaSaeed

Address: Hawarishar, sulaymaniyah city

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E-mail: sadatabdulla82@yahoo.com

Date of Birth: 01-08-1982

Place of Birth: Tanjaro; Sulaymaniyah; Iraq

Nationality: Kurdish

Citizenship: Iraqi

Sex: Male

Marital Status: married

Children: I have two children

1. Avrest Sadat Abdulla Aziz (04.02.2013, Newcastle upon Tyne)

2. Vanest Sadat Abdulla Aziz (05.03.2014, Newcastle upon Tyne)

### **Education / Qualifications**

1-Primary school; Zarayan (1987 – 1993)

2-Intermediate school and secondary school; Zarayan Secondary School (1993 – 2000)

3-Universities:

- **University of Sulaimani**

- Bachelor Degree in Veterinary Medicine and Surgery, College of Veterinary Medicine (2000-2005). Average grade for the five academic years is a qualitative Good (78.64%); I stood first of 37 Students.

- Master Degree in Veterinary Physiology, College of Veterinary Medicine, University of Sulaimani. My Master dissertation was titled as Protective Role of Vitamin E and/ or Methionine Against Lead Induced Changes on Hematological Parameters submitted to the Basic Science Department, College of Veterinary Medicine in 2009. The average grade for the MSc. is a qualitative very Good (82.34%).

- **Newcastle University:**

- PhD degree in Molecular Physiology (2011-2015), Faculty of Medical Sciences, Institute for Cell and Molecular Biosciences. My PhD thesis was titled as Effects of Dietary Polyphenols on Aspects of Cell Molecular Physiology Relevant to Metabolic Health and ageing submitted to the Institute for Cell and Molecular Bioscience, Faculty of Medical Science, Newcastle University, the UK.

**Areas of my expertise**

1. Western blot
2. RT-qPCR
3. PCR
4. Cloning
5. SiRNA knock-down of a gene
6. Pyrosequencing and DNA methylation
7. Reporter gene assay
8. Cell culture
9. XF-bio-analyzer
10. Primer design and gene sequence handling
11. DNA, RNA and protein extraction
12. Adipocyte physiology
13. Histone proteins
14. Estrogen receptors

**Professional Experience**

- In 2005-2006, I was employed as a demonstrator in the College of Veterinary Medicine, University of Sulaimani, worked in different fields including practical Microbiology, practical Parasitology, Veterinary Clinic, practical Bee apiculture and disease. Summer training course.
- In 2006-2007, I was appointed as a demonstrator in the above mentioned college in practical biochemistry.
- In December 2009, I was appointed as a director of the College of Veterinary Medicine storage part.

- In august 2006, I participated in a workshop (The animal disease control strategy) in Erbil.
- In 11.05.2010, I participated in a workshop (To revive the Halabja environment) which was held by Green Kurdistan association in Halabja.
- In 05.06.2010, I participated in a conference (To revive the Halabja environment) which was held by Green Kurdistan association in halabja.
- Participated in several seminars and scholar sessions held over this period therein.
- I was entitled as assistant lecturer (physiology) in Sulaimani University, college of Veterinary Medicine in 2009.
- I worked as department of basic science coordinator, member of ethic committee, member of basic science department committee in the college of veterinary medicine.

#### **Qualifications developing Courses**

- Taking part in the University Teachers Qualification of Lecturing Manners was held by Sulaimani University during June and July 2009.
- Taking part in four month TOFEL preparation course offered at university of sulaimani from (1-4-2010) to (1-8-2010) was held by millennium relief and development services.
- I did two English courses (English for postgraduate study and pre-sessional English course in INTO center Newcastle from 11.04.2011-10.09.2011.
- I participated in some courses in Newcastle University including Academic Writing, Biological Safety, Chemical Safety, EndNote, Epigenetic epidemiology, ePortfolio and Personal Development Planning, Genetic Modification Safety, Graduate School Induction, Health and Safety Requirements for Research, Literature Reviews and First Year Reports, Managing Your Research Degree, Personal Development Plan (PDP) Preparing for your Progress Review Panel, Presentation Skills using PowerPoint, Recording your Research (Lab books, research diaries etc).

#### **Presentations:**

**Genistein promotes a gene expression profile characteristic of brown rather than white adipocytes and increases Sirt1 expression in mouse 3T3-L1 cells (Oral)**

Experimental Biology 2014, Convention centre, San Diego, California, 29.04. 2014.

**Induction by genistein of a gene expression profile in mouse 3T3-L1 cells indicating conversion of white to beige adipocytes (Oral)**

Diet, gene regulation and metabolic disease conference, Robert Gordon University, Aberdeen, 25.03.2015.

**Genistein promotes a gene expression profile characteristic of brown or beige, rather than white, adipocytes and increases Sirt1 expression in mouse 3T3-L1 cells (poster)**

Obesity: A Physiological Perspective, Newcastle United Football Club, Newcastle upon Tyne Newcastle, United Kingdom, 10-12.09.2014.

**The dietary soya component genistein promotes conversion of cultured white fat cells to brown fat cells (Oral presentation)**

North East Postgraduate Conference 2013, Newcastle University, Hancock Museum, Newcastle upon Tyne, 28.10.2013.

**Genistein promotes a gene expression profile characteristic of brown rather than white adipocytes and increases Sirt1 expression in mouse 3T3-L1 cells (oral and poster presentation)**

HNRC anniversary symposium, Lindisfarne Room, Kings Road, Newcastle University, 15.10.2014.

**The dietary isoflavone genistein promotes features of brown over white adipocytes in a cell line model (Oral)**

HNRC anniversary symposium, Lindisfarne Room, Kings Road, Newcastle University  
29/11/2012

**Society membership:**

I was a member in the physiological society, and the Nutrition Society

**Awards:**

My poster was selected as one of a top three posters by Human Nutrition research Center day symposium committee in 14.10.2014 so I was rewarded for that.

I confirm that all the details are correct and complete.

Sadat Abdulla Aziz