

# Curriculum Vitae

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## **PROFILE**

**Name & current title:** Aiman Abdulghader Shalgum, *DVM, M.Vet.Sc, Ph.D.*

**Current Address:** Faculty of Veterinary Medicine  
University of Tripoli  
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## **EDUCATION**

<b>Degree</b>	<b>University</b>	<b>Subjects</b>	<b>Year</b>
Ph.D.	Tuskegee University AL, USA	Integrative biosciences	2015
Master's	Tuskegee University AL, USA	Veterinary sciences (Anatomy)	2011
English course	Auburn University AL, USA	Intensive English (Program)	2009
DVM	University of Tripoli Tripoli, Libya	Doctor Of (Veterinary Medicine)	2003

## **TEACHING EXPERIENCE**

<b>Task</b>	<b>University</b>	<b>Department</b>	<b>Year</b>
Lecturer	University of Tripoli Tripoli, Libya	Anatomy, Histology & Embryology Department	2016-2019
Teaching assistance	Tuskegee University AL, USA	Biology Department	2013-2014
Teaching assistance	University of Tripoli Tripoli, Libya	Anatomy, Histology & Embryology Department	2005-2008

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## **THESIS/DISSERTATION WORK**

**Master's:** *The Anatomical Relationship between the Intra-renal Arteries and the Collecting System of rabbit's kidney.*

**Ph.D.:** *Elucidation the protective mechanisms of Hibiscus sabdariffa against an endogenous neurotoxin*

## **PROFESSIONAL EXPERIENCE**

<b>Occupation</b>	<b>place</b>	<b>Year</b>
Graduate Researcher	Department of Drug Discovery & Development	2014-2015
Research assistance	Department of Materials Science	2013
Anatomy lab facilitator	Biomedical sciences Department	2010-2012
Supervisor meat inspector	Libya Main central abattoir	2005-2007
Veterinarian	AL-Sahel veterinary Clinic	2003-2007
Lab Technician	Tajoura Cardiac Center lab	2003-2004

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## **HIGHLIGHTS OF QUALIFICATIONS**

- Licensed for human and animal body dissection and preparing cadaver for teaching purposes by using different anatomical techniques.
- Excellent 'Hands on' work experience in electrophysiology techniques: single channel recordings.
- Preparation of acute brain slices.
- LTP and LTD.
- Molecular Biology techniques including, western blotting, PCR and enzymatic activity assays.
- Behavioral tests including, Rota rod test, active conditioned avoidance test and spontaneous locomotor activity tests.
- Cell culture techniques.
- Well knowledge dealing with different Nanotechnology techniques.

## **COURSES TITLE EXPERIENCE**

<b><u>Teaching Interests</u></b>	<b><u>Place</u></b>	<b><u>Year</u></b>
Comparative Anatomy & Embryology	University of Tripoli	2016- till now
Neuro Physiology, Cellular &Molecular Biology	Tuskegee University AL, USA	2012- 2015

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## Honors

- Libyan Ministry of higher education Fellowship grand, 2008  
Grand dedicated to conduct Masters.
- USA government through Tuskegee University Fellowship grand, 2011  
Grand dedicated to conduct Ph.D.

## Current research projects

- Carpal conformation and it's relation to the pathology
- Camel angiography (head and feet)
- Camel nervous system
- Sacral geometry in goat

## PUBLICATION

1-**Shalgum, A.**, et al., *Anatomical Relationship between the Collecting System and the Intrarenal Arteries in the Rabbit: Contribution for an Experimental Model*. Anatomia, Histologia, Embryologia, 2012. **41**(2): p. 130-138

2-**Shalgum, A.**, et al. (2018). "Neuroprotective effects of Hibiscus Sabdariffa against hydrogen peroxide-induced toxicity." *Journal of Herbal Medicine*: 100253.

3-Katz, D. P., **Shalgum, A.**, et al. (2018). "Comparing the dopaminergic neurotoxic effects of benzylpiperazine and benzoylpiperazine." *Toxicol Mech Methods* **28**(3): 177-186.

4-Abushhiwa M., S. O., Milad K., **Aiman Shalgum.** and alratib A., (2019). "succesful anatomical acess for surgical removing of distal fracture of splint bones in thoroughbred horses." *Al-muktar journal*.